

LAKE LAND
COLLEGE

2018–2020 CATALOG

TABLE OF CONTENTS



Volume XXXVIII
Lake Land College
Community College District #517
5001 Lake Land Boulevard
Mattoon, Illinois 61938

2	PHONE DIRECTORY	177	ADMISSIONS
3	WELCOME FROM THE LAKE LAND COLLEGE PRESIDENT	181	HOW TO PAY FOR COLLEGE
3	MEET THE BOARD OF TRUSTEES	189	RESOURCES TO HELP YOU BE SUCCESSFUL
3	MISSION/VISION/VALUES	197	ACADEMIC STANDARDS
4	ACADEMIC CALENDAR	209	COLLEGE LIFE
6	EDUCATIONAL GUARANTEE	213	SERVING THE COMMUNITY AND WORKFORCE
7	WORKFORCE READY MAJORS	217	COURSE DESCRIPTIONS
129	TRANSFER READY MAJORS	259	COLLEGE PERSONNEL
		267	INDEX

CONNECT WITH LAKE LAND COLLEGE



IMPORTANT PHONE NUMBERS

COLLEGE OFFICES

All numbers are 217 area code unless otherwise specified

Information for all college numbers
except those listed below

217-234-5253

Accounting/Tuition & Fees Payment	234-5214
Admissions & Records	234-5434
Fax	234-5390
Graduation	234-5028
Records	234-5311
Registration	234-5434
Agriculture Division	234-5208
Allied Health Division	234-5448
Alumni Association	234-5376
Assessment	234-5088
Auxiliary Services	234-5475
Bookstore/Textbook Rental	234-5420
Business Division	234-5348
Career Services	234-5288
Counseling Services	234-5232
Dual Credit	234-5044
Financial Aid and Veteran Services	234-5231
Educational Loans	234-5241
Veteran Services	234-5255
Foundation and Foundation Scholarships	234-5445
Health Services/Handicapped Parking	234-5276
Honors Experience	234-5042
Humanities and Communications Division	234-5271
Human Resources	234-5410
Library	
Circulation Desk	234-5367
Reference Desk	234-5440

Math and Science Division	234-5309
Social Science and Education Division	234-5331
Student Accommodations	234-5259
Hearing Impaired Contact – againes@lakelandcollege.edu	
Student Life	234-5277
TRiO Destination College	234-5003
TRiO Student Support Services	234-5456
Technology Division	234-5313
Tutoring and Testing Center	234-5287
Testing	234-5301
Tutoring	234-5366

OFF CAMPUS LOCATIONS

Eastern Region Center at the Forsythe Center	
224 S. Sixth St., Marshall	826-8490
Kluthe Center for Higher Education and Technology	
1204 Network Centre Blvd., Effingham	540-3555
Massage Therapy Program	540-3535
Physical Therapist Assistant Program	540-3535
Workforce Development Center	
305 Richmond Avenue East	235-2222
Adult Education	238-8292
Center for Business & Industry	235-1282
Commercial Driver Training	238-8239
Community Education	234-5087
Correctional Programs	540-3518
Pathways	238-8383
Professional Development	238-8260
Traffic Safety	235-1282
Western Region Center	
600 E. First St., Pana	562-5000

Visit the employee directory online
lakelandcollege.edu

This publication is not a contract or offer to contract.
The Lake Land College Board of Trustees, college executive officers
and their agents reserve the right to change information contained
herein without notice when circumstances warrant such action.

WELCOME FROM THE PRESIDENT

Welcome to Lake Land College! Within this catalog, you will discover the programs, services and guidelines that will help you define success in your own way.

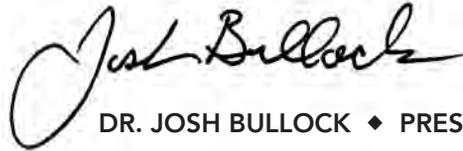
You'll find more than 150 Workforce Ready and Transfer Ready programs that prepare you for the next stage in your life, whether that is immediately entering a career or transferring to complete a bachelor's degree.

I encourage you to visit campus and experience first-hand the caring environment, state-of-the-art technology and beautiful grounds. You'll meet with faculty and staff who are committed to helping you reach your goals and see why the college is nationally recognized and named among the top 10 percent of all community colleges in the nation by the Aspen Institute.

In addition, you'll learn more about the affordability of a Lake Land College education that provides an opportunity to move on to the next phase of your career or education with little or no debt. The savings add up with our textbook rental program, free parking and student fitness center.

Join us for a Laker Visit Day open house or schedule a campus visit online at lakelandcollege.edu/visit or call 217-234-5232. We look forward to welcoming you to Laker Nation! Go Lakers!




DR. JOSH BULLOCK ♦ PRESIDENT

MISSION

Lake Land College creates and continuously improves an affordable, accessible, and effective learning environment for the lifelong educational needs of the diverse communities we serve.

Our college fulfills this mission through:

- ♦ University transfer education
- ♦ Technical and career education
- ♦ Workforce development
- ♦ Community and continuing education
- ♦ Intellectual and cultural programs

VISION

Engaging minds, changing lives, through the power of learning.

VALUES

Caring ♦ Showing respect and compassion for others

Communication ♦ Creating an environment that values the open exchange of ideas

Excellence ♦ Consistently achieving the highest level of quality

Innovation ♦ Taking risks to create new opportunities

Teamship ♦ Working together and with others to create a whole greater than the sum of the parts

BOARD OF TRUSTEES



Pictured, left to right:
GARY CADWELL, Trustee, Mode, 2009-2021; MIKE SULLIVAN, Trustee, Mattoon, 1987-2023; MEG YARGUS STEWARD, Trustee, Marshall, 2017-2019; BRUCE OWEN, Trustee, Dieterich, 2013-2019; ANN DETERS, Secretary, Effingham, 2015-2021; CHARLES MEAKER, Student Trustee, Mattoon, 2017-2018; DORIS REYNOLDS, Vice Chair, Mattoon, 1993-2023; DAVE STORM, Chair, Effingham, 2013-2019.

ACADEMIC CALENDAR

FALL SEMESTER 2018

AUGUST

- 17 Staff Development 8-10 a.m.
Full Services Resume at 10 a.m.
- 20 First Meeting of Full Semester
& Module I Classes
- 24 Last Day for Refund – Module I
- 31 Last Day for Refund –
Full Semester

SEPTEMBER

- 3 College Closed
- 14 Mid-Term Module I
- 15 No Day or Evening Classes

OCTOBER

- 2 College Career Day/Adjunct
Faculty Development Evening
– No Day or Evening Classes
- 8 Last Day for Withdrawal –
Module I
- 12 Last Day of Classes – Module I
- 12 Mid-Term Full Semester
- 15 First Meeting of Module II
Classes
- 19 Last Day for Refund – Module II

NOVEMBER

- 8 Mid-Term – Module II
- 21 Staff Development – No Day
or Evening Classes
- 22-25 College Closed
- 30 Last Day to File Intent to
Graduate for Fall

DECEMBER

- 3 Last Day for Withdrawal –
Full Semester & Module II
- 7 Last Day of Classes –
Full Semester & Module II
- 10-13 Final Examinations
- 14 Semester Close
Grades Due at Noon

SPRING SEMESTER 2019

JANUARY

- 4 Staff Development 8-10 a.m.
Full Services Resume at 10 a.m.
- 7 First Meeting of Full Semester
& Module I Classes
- 11 Last Day for Refund – Module I
- 18 Last Day for Refund –
Full Semester
- 21 College Closed

FEBRUARY

- 1 Mid-Term Module I
- 25 Last Day for Withdrawal –
Module I

MARCH

- 1 Last Day of Classes Module I
- 1 Mid-Term Full Semester
- 4-8 Spring Recess – No Day or
Evening Classes
- 8 College Closed
- 11 First Meeting of Module II
Classes
- 15 Last Day to File Intent to
Graduate for Spring
- 15 Last Day for Refund – Module II

APRIL

- 4 & 5 Staff Development Days –
No Day or Evening Classes
- 8 Mid-Term Module II
- 19 College Closed
- 30 Last Day for Withdrawal –
Full Semester & Module II

MAY

- 6 Last Day of Classes – Full
Semester and Module II
- 7-10 Final Examinations
- 10 Commencement – 7:30 p.m.
- 13 Semester Close
Grades Due at Noon

SUMMER TERM 2019

MAY

- 13 First Meeting of Classes –
Interession
- 13 Last Day for Refund –
Interession
- 27 College Closed
- 28 Last Day for Withdrawal –
Interession
- 29 Last Day of Classes –
Interession

JUNE

- 3 First Meeting of Classes
- 10 Last Day for Refund
- 27 Mid Term

JULY

- 4 College Closed
- 22 Last Day for Withdrawal
- 25 Last Day to File Intent to
Graduate for Summer
- 29 Last Day of Classes
- 30-31 Final Examinations

AUGUST

- 1 Summer Term Closes
Grades Due at Noon

Dates that all college offices are closed 2018–2019

- ◆ September 3, 2018 – Labor Day
- ◆ November 22–25, 2018 – Thanksgiving
- ◆ December 24, 2018 through January 1, 2019 – Semester Break
- ◆ January 21, 2019 – Martin Luther King Jr. Day
- ◆ March 8, 2019 – Spring Break
- ◆ April 19, 2019 – Good Friday
- ◆ May 27, 2019 – Memorial Day
- ◆ July 4, 2019 – Independence Day

COLLEGE OPEN MONDAY THROUGH THURSDAY ONLY MAY 17 THROUGH AUGUST 9.

FALL SEMESTER 2019

AUGUST

- 16 Staff Development 8-10 a.m.
Full Services Resume @ 10 a.m.
- 19 First Meeting of Full Semester
& Module I Classes
- 23 Last Day for Refund – Module I
- 30 Last Day for Refund –
Full Semester

SEPTEMBER

- 2 College Closed
- 13 Mid-Term Module I
- 14 No Day or Evening Classes

OCTOBER

- 1 College Career Day/Adjunct
Faculty Development Evening
– No Day or Evening Classes
- 7 Last Day for Withdrawal
– Module I
- 11 Last Day of Classes – Module I
- 11 Mid-Term Full Semester
- 14 First Meeting of Module II
Classes
- 18 Last Day for Refund – Module II

NOVEMBER

- 7 Mid-Term – Module II
- 22 Last Day to File Intent
to Graduate for Fall
- 27 Staff Development –
No Day or Evening Classes
- 28-30 College Closed

DECEMBER

- 1 College Closed
- 2 Last Day for Withdrawal –
Full Semester & Module II
- 6 Last Day of Classes –
Full Semester & Module II
- 9-12 Final Examinations
- 13 Semester Close –
Grades Due Noon

SPRING SEMESTER 2020

JANUARY

- 10 Staff Development 8-10 a.m.
Full Services Resume @
10:00 a.m.
- 13 First Meeting of Full Semester
& Module I Classes
- 17 Last Day for Refund – Module I
- 20 College Closed
- 27 Last Day for Refund –
Full Semester

FEBRUARY

- 7 Mid-Term Module I

MARCH

- 2 Last Day for Withdrawal
– Module I
- 6 Last Day of Classes Module I
- 6 Mid-Term Full Semester
- 9-13 Spring Recess – No Day
or Evening Classes
- 13 College Closed
- 16 First Meeting of
Module II Classes
- 20 Last Day to File Intent
to Graduate for Spring
- 20 Last Day for Refund – Module II

APRIL

- 2 & 3 Staff Development Days –
No Day or Evening Classes
- 10 College Closed
- 14 Mid-Term Module II

MAY

- 5 Last Day for Withdrawal –
Full Semester & Module II
- 11 Last Day of Classes – Full
Semester and Module II
- 12-15 Final Examinations
- 15 Commencement – 7:30 p.m.
- 18 Semester Close –
Grades Due Noon

SUMMER TERM 2020

MAY

- 18 First Meeting of Classes
– Intersession
- 18 Last Day for Refund –
Intersession
- 25 College Closed

JUNE

- 2 Last Day for Withdrawal
– Intersession
- 3 Last Day of Classes –
Intersession
- 8 First Meeting of Classes
- 15 Last Day for Refund

JULY

- 2 Mid Term
- 4 College Closed
- 23 Last Day for Withdrawal
- 23 Last Day to File Intent to
Graduate for Summer
- 30 Last Day of Classes

AUGUST

- 3-4 Final Examinations
- 5 Summer Term Closes –
Grades Due Noon

Dates that all college offices are closed 2019–2020

- ◆ September 2, 2019 – Labor Day
- ◆ November 28 – December 1, 2019 – Thanksgiving
- ◆ December 24, 2019 – January 1, 2020 – Semester Break
- ◆ January 20, 2020 – Martin Luther King Jr. Day
- ◆ March 13, 2020 – Spring Break
- ◆ April 10, 2020 – Good Friday
- ◆ May 25, 2020 – Memorial Day
- ◆ July 4, 2020 – Independence Day

COLLEGE OPEN MONDAY THROUGH THURSDAY ONLY MAY 22 THROUGH AUGUST 14.

OUR EDUCATIONAL GUARANTEE

TWO EDUCATIONAL GUARANTEES ARE OFFERED TO LAKE LAND COLLEGE GRADUATES.

The Occupational Program Guarantee is offered to students graduating from an occupational program with an Associate in Applied Science degree or a certificate.

The Baccalaureate/Transfer Program Guarantee is offered to students graduating with an Associate in Arts, Associate in Engineering Science or Associate in Science degree.

OCCUPATIONAL PROGRAM GUARANTEE POLICY (BOARD POLICY 06.08)

GUARANTEE

It is the policy of Lake Land College that students graduating with an Associate in Applied Science degree or certificate in a career/occupational program be guaranteed competency in the technical skills that the program is designed to teach in the degree or certificate. Graduates of degree programs who jointly with their employers determine they are lacking in the technical skills contained in the program and graduates who have been unsuccessful in passing required licensure exams after two attempts shall be permitted to enroll in up to 15 credit hours of retraining for a degree or nine (9) credit hours of retraining for a certificate, tuition free.

NOTIFICATION AND CONDITIONS

All course work for the degree or certificate must have been completed at Lake Land College with a grade of "C" or better within three years of initial enrollment at the college and the graduate must have been employed full-time in a job directly related to his/her training within one year after graduation from the program. Upon written verification from the employer within six months of the graduate's initial employment that the graduate lacks competency in specific technical skills as represented by the degree or certificate information printed in the college catalog, or other printed matter, a retraining plan will be developed through the office of the Vice President for Academic Services. The retraining will be limited to courses regularly offered by the college on the main campus and must be completed within one calendar year.

Accredited by:

The Higher Learning Commission;
230 North LaSalle Street, Suite 7-500,
Chicago, IL 60604, hlcommission.org

Commission for Accreditation in
Physical Therapy Education – American
Physical Therapy Association

CoAEMSP (Committee on Accreditation
of Educational Programs for the
Emergency Medical Services
Professions) through the Commission on
Accreditation of Allied Health Education
Programs (CAAHEP)

Council on Dental Education,
American Dental Association
Accreditation Commission
for Education in Nursing
Automotive Service Excellence
Master Certified

Approved as a Class I Community College by:

Illinois Community College Board
Illinois Board of Higher Education

BACCALAUREATE/TRANSFER PROGRAM GUARANTEE POLICY (BOARD POLICY 06.07)

GUARANTEE

It is the policy of Lake Land College that students graduating with an Associate in Arts, Associate in Engineering Science or an Associate in Science degree be guaranteed the transferability of Lake Land articulated credits earned in the degree program and identified in the Illinois Articulation Initiative (IAI), Transferology, or another official articulation agreement as transferable to a baccalaureate degree granting Illinois public college or university. If an articulated course was selected from Illinois Articulation Initiative (IAI), Transferology, or another official articulation agreement, is successfully completed with a grade of "C" or better within three years of initial enrollment and is not accepted for transfer by an Illinois public college or university, Lake Land College will refund tuition paid by the student for said course.

NOTIFICATION AND CONDITIONS

To call the guarantee, the student must submit a letter to the Transfer Coordinator showing evidence of acceptance at and enrollment in the transfer institution and stating which credits did not transfer along with a letter from the transfer institution stating why the course(s) did not transfer. If the college verifies that the course(s) should have transferred according to IAI, Transferology, or another official articulation agreement, in effect at the time the course was taken and when the transfer was attempted, and if the college is unable to rectify the problem with the transfer institution, the student's tuition paid for the course(s) will be refunded. No refunds will be issued for tuition paid by a third party.

Affirmative Action/Equal Opportunity

Lake Land College is committed to maintaining a working and learning environment that promotes equal opportunity and affirmative action and that is free from unlawful discrimination and harassment. It is the policy of Lake Land College not to engage in discrimination or harassment against any person because of race, color, sex, age, religion, national origin, ancestry, disability, marital or civil union status, veteran status, sexual orientation or any basis of discrimination precluded by applicable federal and state statutes. This policy applies to admission and access to and participation, treatment and employment in the College's programs, activities, and services.

The following campus office is assigned the responsibility for ensuring compliance with this policy as well as federal and state statutes and regulations concerning affirmative action and equal access: Office of the Director of Human Resources, 217-234-5210 / Human Resources Office

Complaint forms and procedures for filing can be obtained through Counseling Services or Human Resources. In addition, these offices will maintain current copies of appropriate laws, regulations, and policies.

IN THIS CHAPTER:

- ◆ ASSOCIATE IN APPLIED SCIENCE DEGREES
- ◆ ASSOCIATE IN LIBERAL STUDIES DEGREE
- ◆ CERTIFICATES



WORKFORCE READY MAJORS

WORKFORCE READY

Majors are designed to move students from college into the workforce in a relatively short time period.

- ◆ Associate in Applied Science degree programs are typically two-year programs however some special admission programs require several pre-requisites.
- ◆ Certificate programs are three semesters or less.
- ◆ Many of the Workforce Ready majors provide "transfer tracks" for students, providing options to take classes that will transfer to the university.

GENERAL EDUCATION REQUIREMENTS

WORKFORCE READY MAJORS ASSOCIATE IN APPLIED SCIENCE DEGREE

Communication	3 Semester Hours
Social Science	3 Semester Hours
Mathematics/Science	2 Semester Hours
Health/Physical Education or Strategies for Success or Recreation	2 Semester Hours
10 SEMESTER HOURS	

Six (6) semester hours of general education are designated in the model schedules of the individual programs. These six semester hours must be taken in a minimum of two (2) of the following areas: Communications, Mathematics, Physical and Life Sciences, Humanities and Fine Arts, and Social and Behavioral Sciences. Courses in Health, Physical Education, Recreation, and Strategies for Success are also eligible.

16 SEMESTER HOURS

WORKFORCE READY MAJORS

AGRICULTURE 217-234-5208

CODE	TITLE	PAGE #
CRT.AGBUS	Ag Business (Certificate)	13
AAS.AGPWR	Ag Power Technology (AAS)	14
CRT.AGPWR	Ag Power Technology (Certificate)	15
AAS.AGBUS	Agriculture Business & Supply (AAS)	16
AAS.AGPRO	Agriculture Production & Management (AAS)	17
CRT.CROP	Crop Production (Certificate)	46
AAS.HRT	Horticulture (AAS)	61
CRT.HRT	Horticulture (Certificate)	62
AAS.JDAT	John Deere Tech (AAS)	81
CRT.LVST	Livestock Production (Certificate)	84

ALLIED HEALTH 217-234-5201 or 217-234-5447

CODE	TITLE	PAGE #
TRACK PROGRAMS		
AAS.ADN.TRK	Associate Degree Nurse Track	20
AAS.DH.TRK	Dental Hygiene Track	48
CRT.MT.TRK	Massage Therapy Track	90
AAS.PTA.TRK	Physical Therapist Assistant Track	111
CRT.MAP.TRK	Medical Assistant Track	94
CRT.PN.TRK	Practical Nursing Track	113
DEGREE/CERTIFICATE PROGRAMS		
AAS.ADN	Associate Degree Nurse (AAS)	19
NDP.NA	Basic Nurse Assisting (Certificate)	25
NDP.BNA	Basic Nursing Assistant	26
AAS.DH	Dental Hygiene (AAS)	47
NDP.EMS	Emergency Medical Services (Certificate)	55
CRT.MT	Massage Therapy (Certificate)	90
AAS.MAP	Medical Assistant (AAS)	92
CRT.MAP	Medical Assistant (Certificate)	93
AAS.PS	Paramedical Services (AAS)	107
CRT.PS	Paramedical Services (Certificate)	108
AAS.PTA	Physical Therapist Assistant (AAS)	111
CRT.PN	Practical Nursing (Certificate)	112
NDP.PST	Public Safety Telecommunicator (Certificate)	116

BUSINESS 217-234-5348

CODE	TITLE	PAGE #
TRACK PROGRAMS		
CRT.COS.TRK	Cosmetology Track	43
CRT.ETH.TRK	Esthetics Track	57
DEGREE/CERTIFICATE PROGRAMS		
AAS.ACC	Accounting (AAS)	11
CRT.ACC	Accounting (Certificate)	12
NDP.CMPAP	Computer Applications Specialist (Certificate)	40
CRT.COS	Cosmetology (Certificate)	43
CRT.COSTR	Cosmetology Teacher (Certificate)	44
CRT.DPGD	Desktop Publishing (Certificate)	49
CRT.EMKT	Electronic Marketing (Certificate)	52
NDP.ENTRE	Entrepreneurship (Certificate)	56
CRT.ETH	Esthetics (Certificate)	57
AAS.DPGD	Graphic Design (AAS)	59
AAS.ITAPS	IT – Computer Applications (AAS)	70
CRT.ITAPS	IT – Computer Applications (Certificate)	71
CRT.ITGD	IT – Computer Game Development (Certificate)	72
CRT.ITDMS	IT – Digital Media Specialist (Certificate)	73
AAS.ITNET	IT – Network Administration (AAS)	74
CRT.ITNET	IT – Network Administration (Certificate)	75
AAS.ITPRO	IT – Programming (AAS)	76
CRT.ITPROG	IT – Programming (Certificate)	77
AAS.ITWEB	IT – Web Technology (AAS)	78
CRT.ITWEB	IT – Web Technology (Certificate)	79
AAS.MGT	Management (AAS)	85
NDP.MGT	Management (Certificate)	86
AAS.MKTG	Marketing (AAS)	88
CRT.MKTG	Marketing (Certificate)	89
AAS.HIMC	Medical Coding & Health Information (AAS)	95
CRT.MCS	Medical Coding Specialist (Certificate)	96
CRT.MDTRN	Medical Transcriptionist (Certificate)	97
AAS.AAEXE	Office Assistant – Executive (AAS)	99
AAS.AALEG	Office Assistant – Legal (AAS)	100
AAS.AAMED	Office Assistant – Medical (AAS)	101
AAS.OFMGT	Office Manager (AAS)	102
CRT.OFREC	Office Receptionist (Certificate)	103
NDP.OFSK.GEN	Office Support Specialist (Certificate)	104
NDP.OFSK.MED	Office Support Specialist – Medical (Certificate)	105
NDP.OFSK.MOS	Office Support Specialist – MOS (Certificate)	106
CRT.SALES	Professional Sales (Certificate)	114

HUMANITIES AND COMMUNICATIONS 217-234-5271

CODE	TITLE	PAGE #
CRT.RTVAN	Broadcast Announcing (Certificate)	28
CRT.RBRD	Radio Broadcasting (Certificate)	117
AAS.RTV	Radio-TV Broadcasting (AAS)	118
NDP.TVFS	TV Field/Studio Production (Certificate)	125

MATH AND SCIENCE 217-234-5309

CODE	TITLE	PAGE #
NDP.GIS	Geospatial Technology (Certificate)	58

SOCIAL SCIENCE / EDUCATION 217-234-5331

CODE	TITLE	PAGE #
AAS.CFS	Child & Family Services (AAS)	34
NDP.CJL	Criminal Justice Leadership	45
AAS.ECE	Early Childhood Care and Education (AAS)	50
AAS.HSP.BUS	Human Services – Business (AAS)	63
AAS.HSP.CRJ	Human Services – Criminal Justice (AAS)	64
AAS.HSP.DIT	Human Services – Dietetics (AAS)	65
AAS.HSP.EDU	Human Services – Education (AAS)	66
AAS.HSP.HEA	Human Services – Health (AAS)	67
AAS.HSP.PSY	Human Services – Psychology (AAS)	68
AAS.HSP.SOC	Human Services – Sociology (AAS)	69
AAS.LE	Law Enforcement (AAS)	82
NDP.LEO	Law Enforcement Operations (Certificate)	83
CRT.NCCP	Nanny Child Care Provider (Certificate)	98
AAS.PRPRO	Paraprofessional Educator (AAS)	110
CRT.PRPRO	Paraprofessional Education (Certificate)	109

TECHNOLOGY 217-234-5313

CODE	TITLE	PAGE #
AAS.MECH	Applied Engineering Technology (AAS)	18
CRT.AUTO	Auto Mechanic (Certificate)	22
AAS.AUTO	Automotive Technology (AAS)	23
NDP.BMAN	Basic Manufacturing (NDP)	24
NDP.BWEL	Basic Welding (NDP)	27
CRT.BCT	Building Construction (Certificate)	29
AAS.BCT	Building Construction Technology (AAS)	30
AAS.CETAT	CET/Advanced Technical Studies (AAS)	31
AAS.CET	Civil Engineering Technology (AAS)	35
AAS.CETCO	Civil Engineering Technology Co-op (AAS)	36
CRT.CNCO	CNC Operator (Certificate)	32
CRT.CNCP	CNC Programmer (Certificate)	33
AAS.CAD	Computer-Aided Design Technology (AAS)	38
CRT.CAD	Computer-Aided Drafting (Certificate)	39
NDP.CT	Computer Systems (NDP)	41
CRT.COMTC	Computer Technician (Certificate)	42
CRT.ECT	Electronic Control Technician (Certificate)	51
AAS.EET	Electronics Engineering Technology (AAS)	53
AAS.EETES	Electronics System Specialist (AAS)	54
CRT.HVAC	Heating, Ventilating, Air Conditioning & Refrigeration (Certificate)	60
CRT.INDMT	Industrial Maintenance (Certificate)	80
NDP.MSP	Manufacturing Skills 1 (Certificate)	87
AAS.MET	Mechanical Electrical Technology (AAS)	91
NDP.PLC	Programmable Logic Controllers (Certificate)	115
AAS.RNRG	Renewable Energy (AAS)	119
CRT.REMG	Renewable Energy Management (Certificate)	120
CRT.RENEW	Renewable Energy Technician (Certificate)	121
NDP.RSWR	Residential Wiring (Certificate)	122
AAS.CIM	Robotic & Automated Manufacturing (AAS)	123
NDP.SNRG	Sustainable Energy (Certificate)	124
AAS.WEL	Welding (AAS)	126
CRT.WEL	Welding Technology (Certificate)	127

COUNSELING SERVICES 217-234-5232

CODE	TITLE	PAGE #
ALS.LIB	Associate Degree in Liberal Studies	21

CENTER FOR BUSINESS AND INDUSTRY 1-800-789-1282 – 305 RICHMOND AVE E

CODE	TITLE	PAGE #
NDP.CTDT	Commercial Truck Driver Training (Certificate)	37

TRANSFER AGREEMENTS

Lake Land College has many articulation agreements with senior institutions that allow for a seamless transfer once a student has completed the Associate in Applied Science (AAS), Associate in Arts (AA), Associate in Science (AS) or Associate in Liberal Studies (ALS) Degree. For a list of articulation agreements for specific degrees to specific universities and colleges, contact Counseling Services or visit lakelandcollege.edu/counseling-services/transfer-resources/.

COOPERATIVE AGREEMENTS – CAREER AGREEMENT

Lake Land College District 517 participates in the Comprehensive Agreement Regarding the Expansion of Educational Resources (CAREER). This program provides students who are interested in an applied science degree or certificate that is not offered by Lake Land College the opportunity to attend another community college in Illinois at the in-district rate in effect at the college selected. Students interested in this option should contact Admissions and Records at admissions@lakelandcollege.edu or 217-234-5434 for information regarding the college's procedures for a Cooperative Agreement.

PERKINS PROGRAMS OF STUDY

Perkins Programs of Study are course sequences in career and technical education that provide a seamless transition for students from secondary to postsecondary education and careers. This sequence of course offerings begins in the ninth grade and continues through at least two years of postsecondary education. Programs of study include opportunities to earn college credit (dual credit), industry recognized certificates at the post-secondary level and an associate or bachelor's degree. For more information regarding Programs of Study contact the Office of the Vice President for Academic Services, 217-234-5228.

ACCOUNTING

(AAS.ACC) ASSOCIATE IN APPLIED SCIENCE

The Accounting program prepares students for entry-level positions in the accounting field. The graduate can become a general accountant for a small business or choose a specialized area in a large company such as a clerical position in accounts receivable, accounts payable, or payroll. Employment opportunities exist in small businesses, large businesses, public accounting firms, industry, not-for-profit organizations and governmental agencies.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR		SECONDS YEAR	
First		First	
Semester	Hours	Semester	Hours
BUS-095 Fundamentals of Accounting	3.0	BUS-098 Intermediate Accounting *	3.0
BUS-142 Introduction to Business	3.0	BUS-152 Managerial Accounting *	3.0
CIS-160 Practical Software Application	3.0	BUS-141 Business Communications	3.0
BUS-094 Business Math	3.0	BUS-086 Statistics for Business +	3.0
ENG-095 Business English or		CIS-094 Excel	2.0
ENG-120 Composition I *	3.0	--- --- General Education Elective	2.0
SFS-101 Strategies for Success or		SEMESTER TOTALS	16.0
HED --- Health Elective or			
PED --- PE Elective	2.0	Second	
SEMESTER TOTALS	17.0	Semester	
Second		BUS-099 Computerized Accounting *	3.0
Semester		BUS-096 Federal Tax Accounting	3.0
BUS-151 Financial Accounting *	3.0	BUS-097 Principles of Cost Accounting *	3.0
ECO-130 The American Economy or		BUS-060 Automated Office Procedures * +++	3.0
ECO-231 Principles of Econ I (Macro)	3.0	BUS-087 Accounting Internship * or	
BUS-251 Principles of Management	3.0	BUS/CIS BUS/CIS Elective	3.0
BUS-200 Legal Environ/Business	3.0	SEMESTER TOTALS	15.0
CIS-093 Access	2.0	TOTAL PROGRAM HOURS	65.0
BUS-120 Business Career Development	3.0		
SEMESTER TOTALS	17.0		

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+ Course only offered fall semester

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Cynthia Phipps

Faculty Email: cphipps@lakelandcollege.edu

Faculty Phone: 217-234-5350

ACCOUNTING

(CRT.ACC) CERTIFICATE

The certificate in Accounting program prepares students to provide technical administrative support to professional accountants and other financial management personnel. All courses satisfactorily completed in this certificate program will apply to the associate in applied science degree with a major in accounting.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR	
First Semester	Hours
BUS-095 Fundamentals of Accounting	3.0
BUS-094 Business Math or	
MAT --- Math Elective 100 level or higher *	3.0
BUS-142 Introduction to Business	3.0
CIS-160 Practical Software Application	3.0
BUS-141 Business Communications or	
ENG English Elective	3.0
SEMESTER TOTALS	15.0
Second Semester	
BUS-151 Financial Accounting *	3.0
BUS --- Accounting Elective	3.0
BUS-200 Legal Environ/Business or	
BUS-251 Principles of Management	3.0
ECO-130 The American Economy or	
ECO-231 Principles of Econ I (Macro)	3.0
BUS --- Business Elective or	
CIS --- CIS Elective	2.0
SEMESTER TOTALS	14.0
Summer Term	
BUS --- Accounting Elective	3.0
SEMESTER TOTALS	3.0
TOTAL PROGRAM HOURS	32.0

SUGGESTED ELECTIVES	
BUS-096 Federal Tax Accounting *	3.0
BUS-097 Principles of Cost Accounting *	3.0
BUS-098 Intermediate Accounting *	3.0
BUS-099 Computerized Accounting *	3.0
BUS-152 Managerial Accounting *	3.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
 Email: counsel@lakelandcollege.edu

Faculty Contact: Cynthia Phipps
 Faculty Email: cphipps@lakelandcollege.edu
 Faculty Phone: 217-234-5350

AG BUSINESS

(CRT.AGBUS) CERTIFICATE

The Agriculture Business certificate program is designed to prepare students for employment in beginning management and sales capacities in agriculture businesses including elevators, fertilizer companies and feed companies.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR	
First Semester	Hours
AGR-040 Agricultural Mathematics + or	
MAT-116 General Education Math *	2.5
AGR-052 Principles of Crop Production + or	
AGR-204 Prin/Field Crop Science +++	3.0
AGR-060 Animal Husbandry +	3.0
AGR-050 Soils + or	
AGR-205 Intro/Soil Science	3.5
AGR-131 Agriculture Business Financing +	2.0
AGR-134 Business Analysis/Records +	2.0
--- --- Elective	2.0
SEMESTER TOTALS	18.0
Second Semester	
AGR-049 OSHA/Ag Mach Safety +++	1.0
AGR-111 Intro to Agriculture Software +++	2.0
AGR-123 Marketing of Ag Products +++	2.5
AGR-132 Retailing/Agri Supplies +++	2.0
AGR-133 Agriculture Salesmanship +++	2.5
AGR-041 Supervised Occupational Exp I +++	3.5
SEMESTER TOTALS	13.5
Summer Term	
AGR-120 Agriculture Economics ++++ or	
AGR-207 Intro/Ag Economics	3.0
AGR-053 Integrated Pest Management ++++	3.0
AGR-042 Supervised Occupational Exp II ++++	2.5
SEMESTER TOTALS	8.5
TOTAL PROGRAM HOURS	40.0

SUGGESTED ELECTIVES	
AGR-124 Farm Credit and Finance ** +++	2.0
AGR-051 Soil Fertility ** +++	2.5
AGR-063 Animal Nutrition ** +++	2.5
AGR-151 GPS/Applications in Ag ** +	3.0
AGR-152 Intensive Crop Scouting ** +++	3.0

+ Course only offered fall semester
 * There are prerequisites, course requisites, or minimum placement test scores for this course.
 +++ Course only offered spring semester
 ++++ Course offered in summer term only
 ** Electives must be approved by the Program Coordinator

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Samuel Orrick
Faculty Email: sorrick@lakelandcollege.edu
Faculty Phone: 217-234-5208

AG POWER TECHNOLOGY

(AAS.AGPWR) ASSOCIATE IN APPLIED SCIENCE

Agriculture Power Technology is designed to give students skills in diesel machines, general overhaul, transmissions, electrical systems and the other skills required to operate as a technician. The program is also designed to develop students' skills in sales, parts and supplies in machinery dealerships. Students must purchase hand tools necessary for use in this program.

Note: Those students that are considering transferring to a university should contact their advisor as soon as possible.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR	
First Semester	Hours
HED-178 Responding to Emergencies	2.0
AGR-091 Hydraulics +	3.0
AGR-080 Ignition & Electrical Systems +	3.5
AGR-083 Small Engines +	3.0
AGR-046 Introduction to Ag Occupations +	1.0
ENG-120 Composition I * or	
ENG-098 Communications I +	3.0
TEC-048 Applied Shop Computations or	
MAT-116 General Education Math *	3.0
SEMESTER TOTALS	18.5
Second Semester	
AGR-092 Advanced Hydraulics * +++	3.0
AGR-041 Supervised Occupational Exp I +++	3.5
AGR-097 Planting and Tillage Equipment +++	3.0
AGR-111 Intro to Agriculture Software +++ ^^	2.0
SPE-111 Intro to Speech Communication or	
ENG-121 Composition II * or	
ENG-099 Communications II *	2.0
SEMESTER TOTALS	13.5
Summer Term	
AGR-042 Supervised Occupational Exp II ++	2.5
AGR-094 Ag Machinery Air Conditioning ++	3.0
AGR-086 Adjusting New and Used Mach ++	2.5
SEMESTER TOTALS	8.0

+ Course only offered fall semester
 * There are prerequisites, course requisites, or minimum placement test scores for this course.
 +++ Course only offered spring semester
 ++ Course only offered spring and summer semester
 ^^ Consult Academic Advisor for appropriate course

Call Counseling Services: 217-234-5232
 Email: counsel@lakelandcollege.edu

Faculty Contact: Anthony Reinhart
 Faculty Email: areinhart69182@lakelandcollege.edu
 Faculty Phone: 217-234-5307

SECOND YEAR	
First Semester	Hours
AGR-043 Supv Occup Exp III +	3.0
AGR-087 Diesel Fuel Systems * +	3.0
AGR-088 Ag Trans & Power Trains * +	3.5
--- --- Elective	1.0
SOS-050 Human Relations or	
PSY-271 Intr/Psychology	2.0
SEMESTER TOTALS	12.5
Second Semester	
AGR-089 Tractor Overhaul * +++	6.0
AGR-044 Supv Occup Exp IV +++ ^^	3.5
AGR-082 Advanced Electrical Systems * +++	3.0
POS-160 American National Government	3.0
SEMESTER TOTALS	15.5
TOTAL PROGRAM HOURS	68.0
SUGGESTED ELECTIVES	
AGR-131 Agriculture Business Financing +	2.0
AGR-133 Agriculture Salesmanship +++	2.5
WEL-057 Welding Fundamentals	2.5

AG POWER TECHNOLOGY

(CRT.AGPWR) CERTIFICATE

Agriculture Power Technology is designed to prepare students as technicians and parts counter clerks for agriculture machinery dealerships. The program develops the student's skills necessary to diagnose and repair diesel fuel systems, engines, transmissions and electrical systems of agricultural equipment. Students must purchase hand tools necessary for use in this program.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR	
First Semester	Hours
AGR-091 Hydraulics +	3.0
AGR-080 Ignition & Electrical Systems +	3.5
AGR-087 Diesel Fuel Systems * +	3.0
AGR-088 Ag Trans & Power Trains * +	3.5
TEC-048 Applied Shop Computations	3.0
AGR-083 Small Engines +	3.0
SEMESTER TOTALS	19.0
Second Semester	
AGR-097 Planting and Tillage Equipment +++	3.0
AGR-082 Advanced Electrical Systems * +++	3.0
AGR-092 Advanced Hydraulics * +++	3.0
AGR-041 Supervised Occupational Exp I +++	3.5
AGR-089 Tractor Overhaul +++	6.0
SEMESTER TOTALS	18.5
Summer Term	
AGR-094 Ag Machinery Air Conditioning ++++	3.0
AGR-086 Adjusting New and Used Mach ++++	2.5
SEMESTER TOTALS	5.5
TOTAL PROGRAM HOURS	43.0

+ Course only offered fall semester

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+++ Course only offered spring semester

++++ Course offered in summer term only

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Anthony Reinhart

Faculty Email: areinhart69182@lakelandcollege.edu

Faculty Phone: 217-234-5307

AGRICULTURE BUSINESS & SUPPLY

(AAS.AGBUS) ASSOCIATE IN APPLIED SCIENCE

This core curriculum is designed for those students who are planning a career in fertilizer, pest management, agri-business sales, management or ownership in these areas. While this curriculum is designed for agricultural business, it also provides transferability to Southern Illinois-Carbondale, Western Illinois and Illinois State universities.

Note: Those students that are considering transferring to a university should contact their advisor as soon as possible.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR		SECOND YEAR	
First Semester	Hours	First Semester	Hours
ENG-120 Composition I * or		AGR-052 Principles of Crop Production + or	
ENG-098 Communications I +	3.0	AGR-204 Prin/Field Crop Science +++	3.0
PSY-271 Intr/Psychology or		AGR-151 GPS/Applications in Ag +	3.0
SOS-050 Human Relations	2.0	AGR-043 Supv Occup Exp III +	3.0
HED-178 Responding to Emergencies	2.0	AGR-131 Agriculture Business Financing +	2.0
AGR-046 Introduction to Ag Occupations +	1.0	AGR-134 Business Analysis/Records +	2.0
AGR-040 Agricultural Mathematics + or		SEMESTER TOTALS	13.0
MAT-116 General Education Math *	2.5	Second Semester	
AGR-050 Soils + or		POS-160 American National Government	3.0
AGR-205 Intro/Soil Science *	3.5	AGR-044 Supv Occup Exp IV +++	3.5
AGR-060 Animal Husbandry + or		AGR-123 Marketing of Ag Products +++	2.5
AGR-206 Intro/Animal Science	3.0	AGR-132 Retailing/Agri Supplies +++	2.0
SEMESTER TOTALS	17.0	AGR-133 Agriculture Salesmanship +++	2.5
Second Semester		--- --- Elective	0.5
SPE-111 Intro to Speech Communication or		SEMESTER TOTALS	14.0
ENG-121 Composition II * or		TOTAL PROGRAM HOURS	68.5
ENG-099 Communications II * +++	2.0	SUGGESTED ELECTIVES	
CHM-101 Physical Science II +++	3.0	AGR-051 Soil Fertility +++	2.5
AGR-049 OSHA/Ag Mach Safety +++	1.0	BUS-085 Accounting Process	1.0
AGR-152 Intensive Crop Scouting +++ or		CIS-094 Excel	2.0
AGR-063 Animal Nutrition +++	2.5	BUS-095 Fundamentals of Accounting	3.0
AGR-041 Supervised Occupational Exp I +++	3.5	CIS-054 PowerPoint	2.0
AGR-111 Intro to Agriculture Software +++ or			
AGR-112 Computer Applic/Agriculture +++	2.0		
--- --- Elective **	2.0		
SEMESTER TOTALS	16.0		
Summer Term			
AGR-042 Supervised Occupational Exp II ++++	2.5		
AGR-120 Agriculture Economics ++++ or			
AGR-207 Intro/Ag Economics	3.0		
AGR-053 Integrated Pest Management ++++	3.0		
SEMESTER TOTALS	8.5		

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+ Course only offered fall semester

+++ Course only offered spring semester

** Electives must be approved by the Program Coordinator

++++ Course offered in summer term only

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Mark Niemerg

Faculty Email: mniemerg@lakelandcollege.edu

Faculty Phone: 217-234-5327

AGRICULTURE PRODUCTION & MANAGEMENT

(AAS.AGPRO) ASSOCIATE IN APPLIED SCIENCE

This core curriculum is designed for those students who are planning a career in agricultural production, farming, ag production sales, and management or ownership in these areas. While this curriculum is designated for agricultural production, it also allows transferability to Illinois State, Southern Illinois and Western Illinois universities.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR		SECOND YEAR	
Semester	Hours	Semester	Hours
First		First	
ENG-120 Composition I * or		AGR-052 Principles of Crop Production + or	
ENG-098 Communications I +	3.0	AGR-204 Prin/Field Crop Science +++	3.0
PSY-271 Intr/Psychology or		AGR-090 Principles of Agri Mechanics +	2.5
SOS-050 Human Relations	2.0	AGR-043 Supv Occup Exp III +	3.0
HED-178 Responding to Emergencies	2.0	AGR-122 Farm Management +	2.5
AGR-046 Introduction to Ag Occupations +	1.0	--- --- Elective	1.5
AGR-040 Agricultural Mathematics + or		SEMESTER TOTALS	12.5
MAT-116 General Education Math *	2.5	Second	
AGR-050 Soils + or		Semester	
AGR-205 Intro/Soil Science	3.5	POS-160 American National Government	3.0
AGR-060 Animal Husbandry + or		AGR-044 Supv Occup Exp IV +++	3.5
AGR-206 Intro/Animal Science	3.0	AGR-123 Marketing of Ag Products +++	2.5
SEMESTER TOTALS	17.0	AGR-124 Farm Credit and Finance +++	2.0
Second		AGR-051 Soil Fertility +++	2.5
Semester		SEMESTER TOTALS	13.5
SPE-111 Intro to Speech Communication or		TOTAL PROGRAM HOURS	68.0
ENG-121 Composition II * or		SUGGESTED ELECTIVES	
ENG-099 Communications II * +++	2.0	AGR-152 Intensive Crop Scouting +++	3.0
CHM-101 Physical Science II +++	3.0	AGR-151 GPS/Applications in Ag +	3.0
AGR-049 OSHA/Ag Mach Safety +++	1.0	AGR-054 Crop Harvesting/Drying/Storage +	2.5
AGR-063 Animal Nutrition +++	2.5	CIS-094 Excel	2.0
AGR-041 Supervised Occupational Exp I +++	3.5		
AGR-121 Farm Business Records +++	2.5		
AGR-111 Intro to Agriculture Software +++ or			
AGR-112 Computer Applic/Agriculture +++	2.0		
SEMESTER TOTALS	16.5		
Summer			
Term			
AGR-042 Supervised Occupational Exp II ++++	2.5		
AGR-120 Agriculture Economics ++++ or			
AGR-207 Intro/Ag Economics +	3.0		
AGR-053 Integrated Pest Management ++++	3.0		
SEMESTER TOTALS	8.5		

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+ Course only offered fall semester

+++ Course only offered spring semester

++++ Course offered in summer term only

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Samuel Orrick
Faculty Email: sorrick@lakelandcollege.edu
Faculty Phone: 217-234-5360

APPLIED ENGINEERING TECHNOLOGY

(AAS.MECH) ASSOCIATE IN APPLIED SCIENCE

Mechatronics is a growing field that integrates electrical, mechanical, and digital control systems. Graduates create, maintain, and repair the latest equipment used in manufacturing and industrial settings. This program provides a combination of technical and scientific skills which enables graduates to work in a variety of settings. Instructional courses include: electricity, digital and linear circuits, numerical control, programmable logic controllers, as well as fluid power and mechanical systems.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR		SECOND YEAR	
First		First	
Semester	Hours	Semester	Hours
EET-040 Basic Electronics (Module 1)	2.5	EET-048 Digital Circuits	3.0
EET-050 Electric Circuits I (Module 2) *	2.5	EET-078 Linear Electronics *	3.0
CAD-056 CAD I	2.0	EET-086 Prog Logic Controllers I *	2.0
ENG-050 Writing for Industry	3.0	EET-081 Microcontroller Applications *	3.0
EET-056 Electronic Design/Fabrication	3.0	TEL-051 Networking Basics *	3.0
TEC-050 Technical Math I *	2.0	--- --- Technical Elective	2.0
TEC-052 Technical Math II *	2.0	SEMESTER TOTALS	16.0
SEMESTER TOTALS	17.0	Second	
Second		Semester	
Semester		EET-085 Electronic Projects	2.0
EET-076 Digital Logic *	3.0	CAD-060 3D Solid Modeling	3.0
EET-052 Solid State Devices *	4.0	SPE-111 Intro to Speech Communication	3.0
IND-044 Fluid Power	3.0	EET-075 HMI-Human Machine Interface	2.0
HED-178 Responding to Emergencies	2.0	--- --- Social Science Elective	3.0
TEC-054 Technical Math III *	2.0	TEC-056 Technical Math IV *	2.0
MET-045 Mechanical Drive Systems	2.0	SEMESTER TOTALS	15.0
TEC-043 Industrial Safety	1.0	TOTAL PROGRAM HOURS	65.0
SEMESTER TOTALS	17.0		

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

ASSOCIATE DEGREE NURSE

(AAS.ADN) ASSOCIATE IN APPLIED SCIENCE



The Associate Degree in Nursing (ADN) program is an intensive, two-year academic program that includes classroom, skills laboratory and clinical experience in various healthcare agencies. The student is awarded an Associate in Applied Science degree upon completion of the program and may apply to take the National Council Licensure Examination for Registered Nurses (NCLEX-RN). Upon successful completion of the NCLEX-RN, the graduate may apply for RN licensure. Completion of the ADN program does not guarantee RN licensure. The Department of Financial and Professional Regulation (IDFPR) may refuse to issue a license if a candidate has a criminal history. Please consult with the director of ADN program to avoid license application hindrances.

The program is approved by the Illinois Department of Financial and Professional Regulation and accredited by the Accreditation Commission for Education in Nursing (ACEN), 3343 Peachtree Rd NE, Suite 850, Atlanta, GA 30326; Phone: 404-975-5000, Fax: 404-975-5020.

Applicants seeking admission into the ADN program must have a completed nursing application file in the nursing department by February 1, or the preceding business day if February 1 falls on a weekend. Applicants will be notified in writing of acceptance/denial within six weeks following the deadline.

Download the ADN checklist from the website for the complete application procedure.

Admission Criteria

The following procedures and prerequisites must be satisfied before admission to the Lake Land College ADN program can be considered.

1. Complete an Intent to Enroll for Lake Land College and submit to Admissions & Records. (Note: acceptance to the college does not guarantee admission into the ADN program.)
2. Complete a Nursing Department Intent form indicating interest in the Associate Degree Nursing program. These are available online.
3. Submit an official transcript from all colleges and/or nursing schools attended, to Admissions & Records. Request a transcript evaluation for AAS.ADN.
4. Provide documentation that the following prerequisites have been completed:
 - a. BIO 100 at Lake Land College, or equivalent college-level course.
 - b. One year of high school chemistry, or one semester of college chemistry within 5 years. Chemistry must be completed within five years of program application deadline with a grade of "C" or better.)
5. Achieve satisfactory scores on the Lake Land College Placement test, SAT, or ACT to determine eligibility to take the HESI A2 Admissions Assessment exam. See ADN admission checklist for details.
6. Achieve a satisfactory score of 75 on the HESI A2 Admissions Assessment exam. If the exam is repeated the most recent score is used. To ensure complete application a satisfactory score must be obtained prior to the February 1 application deadline. Exam scores are valid for five years.

7. High school students who successfully complete Partnership for Career and College Success (PCCS) curriculum should consult with the director regarding enrollment requirements and procedures.

8. The ADN curriculum is outlined in this catalog. Co-requisite courses may be taken prior to or during the semester designated but, not after. Co-requisite courses are only accepted with a "C" or better. Completion of science courses required in the ADN program must be within five years of the program application deadline, with the exception of BIO 100.

9. Licensed Practical Nurses may apply in writing to the Nursing Department for a waiver of ADN 040, ADN 042, ADN 053, BIO 100 and HED 102. See college website for LPN to ADN admissions checklist.

10. LPN applicants must complete all courses with a "C" or higher. Transition to ADN is required the semester prior to ADN 076.

11. State regulations require that qualified in-district residents must be accepted before any consideration can be given to out-of-district applicants. If there are more qualified applicants than spaces available in the program, admission is competitive and selective using an objective formula approved by the Nursing Department. Selection criteria includes the date on the intent form, academic achievement in prerequisite or co-requisite courses, and the HESI A2 Admissions Assessment score.

Acceptance

Acceptance is tentative upon completion/receipt of the following:

1. Completed Lake Land College ADN Program Physical Examination, proof of immunizations and current CPR certification. (Note: CPR and immunizations must remain current throughout the program).
2. Complete background check and drug screening.
3. Attend the nursing program orientation during the summer semester preceding ADN 040. Students will be contacted regarding orientation date.
4. Maintain an overall grade point average of 2.00

Cost

In addition to tuition and fees, costs for nursing program include: textbooks, uniforms, supplies, physical examination and immunizations, background check, a drug screen, and transportation to hospital clinical experiences. Additional expenses upon completion of the program will include licensure application fees, NCLEX-RN test fees and RN license fees, upon successful completion of the NCLEX-RN exam.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

ASSOCIATE DEGREE NURSE

(AAS.ADN) ASSOCIATE IN APPLIED SCIENCE CONTINUED

FIRST YEAR	
First Semester	
PSY-279 Human Dev/Life Span	3.0
BIO-225 Human Ana/Phys I *	4.0
ADN-040 Nursing I +	8.0
SEMESTER TOTALS	15.0
Second Semester	
ADN-042 Nursing II * +++	9.0
BIO-226 Human Ana/Phys II *	4.0
HED-102 Nutrition	3.0
ADN-053 Pharmacology I *	1.0
SEMESTER TOTALS	17.0
Summer Term	
BIO-235 Microbiology * or	
HED-290 Disease Processes *	2.0
SEMESTER TOTALS	2.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+ Course only offered fall semester

+++ Course only offered spring semester

^^ Consult Academic Advisor for appropriate course

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Cheryl Beam
Faculty Email: cbeam@lakelandcollege.edu
Faculty Phone: 217-234-5452

SECOND YEAR	
First Semester	
ADN-076 Nursing III *	10.0
ENG-120 Composition I *	3.0
PSY-271 Intr/Psychology	3.0
ADN-074 Pharmacology II	1.0
SEMESTER TOTALS	17.0
Second Semester	
ADN-078 Nursing IV *	10.0
ENG-121 Composition II * or	
SPE-111 Intro to Speech Communication	3.0
Elective ^^	3.0
ADN-060 Nursing Seminar *	1.0
ADN-075 Pharmacology III *	1.0
SEMESTER TOTALS	18.0
TOTAL PROGRAM HOURS	69.0

ASSOCIATE DEGREE NURSE - TRACK

(AAS.ADN.TRK)

The Associate Degree in Nursing Track (AAS.ADN.TRK) prepares the student for acceptance into the Associate Degree in Nursing (ADN) program, which begins fall semester only. The nursing programs at Lake Land College are competitive and require special admission.

Applicants are instructed to prepare for the ADN program by following AAS.ADN.TRK guidelines. Students are counseled regarding completion and course requirements when seeking admission into the ADN program, as well as course work that may increase success once accepted into the ADN Program. Upon acceptance into the ADN program, the director will change the program code to AAS.ADN.

Interested students should submit the Intent to Enroll form and list the Academic Program as AAS.ADN.TRK. Then, follow the ADN checklist carefully for instructions about the application procedure.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Cheryl Beam
Faculty Email: cbeam@lakelandcollege.edu
Faculty Phone: 217-234-5452

ASSOCIATE IN LIBERAL STUDIES

(ALS.LIB) ASSOCIATE IN LIBERAL STUDIES

The Associate in Liberal Studies degree offers a flexible program to students who wish to combine traditional coursework with a variety of learning experiences to pursue their personal and professional goals. This degree has a minimal formal structure to ensure students acquire a basic liberal education. Remaining degree requirements may be satisfied through traditional coursework, independent study, proficiency examinations or life experience credit.

Students will work with the ALS advisor to develop an individualized plan for meeting the requirements of the degree. The student and advisor will determine the applicability of various types of credit-earning options to the student's situation and goals. The advisor will guide the student in selecting traditional coursework and in the process of documenting non-traditional coursework, such as experiential credit, to meet general education and elective requirements. Contact the ALS advisor for additional information.

Degree Requirements

General Education Coursework Hours

- Communications Skills 6
- Mathematics or Science 7
- Social Science 3
- Humanities 3
- Humanities or Social Science 3

GENERAL EDUCATION TOTAL 22

Elective Coursework (may include) 42

- Baccalaureate or career level coursework up to 42
- INS 099 Portfolio Development 2
- Experiential Credit up to 32
- Proficiency Credit up to 32
- Independent Study up to 16

ELECTIVE TOTALS 42

Total Required for Degree 64

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Emily Hartke
Faculty Email: ehartke@lakelandcollege.edu
Faculty Phone: 217-234-5430

AUTO MECHANIC

(CRT.AUTO) CERTIFICATE

This program prepares students with entry-level skills and knowledge necessary for employment in automotive repair maintenance shops as service or parts personnel. The curriculum is designed to prepare students for ASE certification. Instruction is provided by ASE certified instructors, in a shop equipped with the most up-to-date equipment available. Students entering this program must purchase hand tools and uniforms needed for use in the program. The cost of the required tools can be up to \$4,000 depending on brand/source. The required uniforms are approximately \$70 and textbooks/lab manuals are approximately \$300. A list of required tools can be obtained from counselors or auto instructors.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First Semester	Hours
ENG-050 Writing for Industry	3.0
TEC-048 Applied Shop Computations	3.0
AUT-048 Intro to Automotive Technology +	2.0
AUT-050 Engine Repair +	5.0
AUT-051 Electrical Systems I +	4.0
SEMESTER TOTALS	17.0
Second Semester	
AUT-052 Engine Performance I +++	5.0
SPE-111 Intro to Speech Communication	3.0
--- --- Social Science Elective	2.0
HED-178 Responding to Emergencies	2.0
AUT-053 Brake Systems +++	4.0
SEMESTER TOTALS	16.0
TOTAL PROGRAM HOURS	33.0

+ Course only offered fall semester
+++ Course only offered spring semester

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Kevin Miller
Faculty Email: kmiller@lakelandcollege.edu
Faculty Phone: 217-234-5286

SUGGESTED ELECTIVES

SFS-101 Strategies for Success	2.0
--------------------------------	-----

AUTOMOTIVE TECHNOLOGY

(AAS.AUTO) ASSOCIATE IN APPLIED SCIENCE

This degree prepares students with entry-level skills and knowledge necessary for employment in automotive repair maintenance shops as service or parts personnel. The curriculum is Automotive Service Excellence (ASE) certified and is designed to prepare students for ASE certification. Instruction is provided by ASE certified instructors in a shop equipped with the most up-to-date equipment available. Students entering this program must purchase hand tools and uniforms needed for use in the program. The cost of the required tools can be up to \$4,000 depending on brand/source. The required uniforms are approximately \$70 and textbooks/lab manuals are approximately \$500. A list of required tools can be obtained from counselors or auto instructors. [Automotive Service Excellence](https://www.lakelandcollege.edu/as/as/academicprograms/catalog) <https://www.lakelandcollege.edu/as/as/academicprograms/catalog>

[og/list.cfm?acadprog=AAS.AUTO&catalog_term=17FA](https://www.lakelandcollege.edu/og/list.cfm?acadprog=AAS.AUTO&catalog_term=17FA)

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR		SECOND YEAR	
First Semester		First Semester	
AUT-048 Intro to Automotive Technology +	2.0	AUT-059 Electrical Systems II * +	4.0
AUT-050 Engine Repair +	5.0	AUT-080 Steering and Suspension * +	4.0
AUT-051 Electrical Systems I +	4.0	AUT-081 Engine Performance II * +	5.0
ENG-050 Writing for Industry	3.0	--- --- Economics Elective	3.0
TEC-048 Applied Shop Computations	3.0	SEMESTER TOTALS	16.0
SEMESTER TOTALS	17.0	Second Semester	
Second Semester		Second Semester	
AUT-052 Engine Performance I +++	5.0	AUT-076 Auto Transmissions/Transaxles * +++	5.0
SPE-111 Intro to Speech Communication	3.0	AUT-082 Manual Dr Train and Axles * +++	5.0
--- --- Social Science Elective	2.0	AUT-083 Engine Performance III * +++	2.0
HED-178 Responding to Emergencies	2.0	AUT-089 ASE Test Review +++	2.0
AUT-053 Brake Systems +++	4.0	--- --- Technical Elective	2.0
SEMESTER TOTALS	16.0	SEMESTER TOTALS	16.0
Summer Term		TOTAL PROGRAM HOURS	
AUT-054 Heating and Air Conditioning I * ++++	3.0		71.0
AUT-075 Supervised Occupational Exp * ++++	3.0	SUGGESTED ELECTIVES	
SEMESTER TOTALS	6.0	SFS-101 Strategies for Success	2.0
		--- --- Social Science Elective	2.0
		ECO-130 The American Economy	3.0
		ECO-231 Principles of Econ I (Macro)	3.0
		IND-044 Fluid Power	3.0
		MTT-050 Intro to Machining Procedures	3.0
		WEL-057 Welding Fundamentals	2.5
		BUS-142 Introduction to Business	3.0

+ Course only offered fall semester

+++ Course only offered spring semester

* There are prerequisites, course requisites, or minimum placement test scores for this course.

++++ Course offered in summer term only

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Kevin Miller

Faculty Email: kmiller@lakelandcollege.edu

Faculty Phone: 217-234-5286

BASIC MANUFACTURING

(NDP.BMAN) NON-DEGREE PROGRAM

This certificate is designed to give students a basic introduction to modern machine tool use which forms the basic of most contemporary manufacturing.

FIRST YEAR

First

Semester	Hours
MTT-050 Intro to Machining Procedures	3.0
CIM-060 CNC Machining	3.0
TEC-070 Properties of Metal	2.5
TEC-043 Industrial Safety	1.0
TEC-040 Blueprint Reading/Industry I	2.5
SEMESTER TOTALS	12.0
TOTAL PROGRAM HOURS	12.0

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Joseph Tillman
Faculty Email: jtillman@lakelandcollege.edu
Faculty Phone: 217-234-5313

BASIC NURSE ASSISTING

(NDP.NA)

Non-Degree Program

The Basic Nursing Assistant Program (NPD.NA) is a one semester, 8 credit-hour program approved by the Illinois Department of Public Health (IDPH). This program includes the Basic Nursing Assistant Course (CNA) only and is NOT financial aid eligible.

Background Check

The Health Care Worker Background Check Act requires all students in a Nursing Assistant Training Program to submit to a fingerprint-based background check before working directly with patients or residents.

Examination

Students must successfully complete the Basic Nursing Assistant course (AHE 040) with an 80 or better to be eligible to take the IDPH Competency Evaluation Examination. Upon passing the state competency examination, the student's name will be added to the IDPH Health Care Worker Registry and will be eligible to work as a Certified Nursing Assistant.

Course Description

AHE 040: Basic Nursing Assistant: The Basic Nursing Assistant Program includes 95 hours of theory/classroom and 40 hours of clinical practice. This program is approved by the Illinois Department of Public Health (IDPH) to provide instruction of basic nursing skills in the classroom, laboratory, and clinical settings. The classroom portion of the course includes: basic anatomy, medical terminology, communication skills, safety, infection control and patient rights.

This course contains substantial information on Alzheimer's disease and dementia resident/patient care and emphasizes communication and coping mechanisms fundamental to working with this patient population. The curriculum also includes proper management of resident/patient hygiene and mobility, and monitoring of vital signs. In the nursing lab, students master the 21 patient care skills mandated by IDPH. The instructor will demonstrate skills; students will then practice skills until achieving mastery level in the lab with other students. Eleven of the twenty-one skills must be performed with a patient or resident during clinical sessions.

The clinical experience provides students with the opportunity to perform supervised practice of required clinical skills, including bathing, feeding, and transfer of residents/patients.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

The BNA campus phone number is 217-234-5568 and the office is located in Neal Hall, room 023.

FIRST YEAR

First Semester	Hours
AHE-040 Basic Nurse Assisting	8.0
SEMESTER TOTALS	8.0
TOTAL PROGRAM HOURS	8.0

Completers of this program do NOT earn a certificate from Lake Land College.

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Laura Deters

Faculty Email: ldeters52738@lakelandcollege.edu

Faculty Phone: 217-234-5568

BASIC NURSING ASSISTANT

(NDP.BNA) CERTIFICATE

Certificate

The Basic Nursing Assistant Program (NDP.BNA) is a 16 hour certificate program approved by the Illinois Department of Public Health (IDPH). This program includes the Basic Nursing Assistant course (CNA) and three other core courses. This program is financial aid eligible.

Background Check

The Health Care Worker Background Check Act requires all students in a Nursing Assistant Training Program to submit to a fingerprint-based background check before working directly with patients or residents.

Examination and Certification

Students must successfully complete the Basic Nursing Assistant course (AHE 040) with an 80 or better to be eligible to take the IDPH Competency Evaluation Examination. Upon passing the state competency examination, the student's name will be added to the IDPH Health Care Worker Registry and will be eligible to work as a Certified Nursing Assistant.

Course Description

AHE 040: Basic Nursing Assistant: The Basic Nursing Assistant Program includes 95 hours of theory/classroom and 40 hours of clinical practice. This program is approved by the Illinois Department of Public Health (IDPH) to provide instruction of basic nursing skills in the classroom, laboratory, and clinical settings. The classroom portion of the course includes: basic anatomy, medical terminology, communication skills, safety, infection control and patient rights.

This course contains substantial information on Alzheimer's disease and dementia resident/patient care and emphasizes communication and coping mechanisms fundamental to working with this patient population. The curriculum also includes proper management of resident/patient hygiene and mobility, and monitoring of vital signs. In the nursing lab, students master the 21 patient care skills mandated by IDPH. The instructor will demonstrate skills; students will then practice skills until achieving mastery level in the lab with other students. Eleven of the twenty-one skills must be performed with a patient or resident during clinical sessions.

The clinical experience provides students with the opportunity to perform supervised practice of required clinical skills, including bathing, feeding, and transfer of residents/patients.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

The BNA campus phone number is 217-234-5568, and the office is located in Neal Hall, room 023.

Students who complete this program will enhance their knowledge and skills to be more marketable as a certified nursing assistant in all health care settings.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First Semester	Hours
AHE-040 Basic Nurse Assisting	8.0
AHE-041 Medical Terminology	3.0
AHE-045 Professionalism in Health Care	2.0
BUS-059 Medical Insurance and Coding	3.0
SEMESTER TOTALS	16.0
TOTAL PROGRAM HOURS	16.0

Completers of the program receive a certificate from Lake Land College.

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Laura Deters
Faculty Email: ldeters52738@lakelandcollege.edu
Faculty Phone: 217-234-5568

BASIC WELDING

(NDP.BWEL) ~~NONDEGREE~~ PROGRAM

This program provides an introduction to basic welding practices and skills including metal layout and cutting, SMAW, GMAW, and GTAW welding processes. Industrial safety and other skills such as blueprint reading are covered. This certificate is directly applicable to a more advanced welding certificate and a welding associate's degree.

FIRST YEAR

First

Semester	Hours
WEL-057 Welding Fundamentals	2.5
TEC-043 Industrial Safety	1.0
TEC-040 Blueprint Reading/Industry I	2.5
TEC-048 Applied Shop Computations	3.0
WEL-056 Metal Cutting and Fabrication	2.0
SEMESTER TOTALS	11.0
TOTAL PROGRAM HOURS	11.0

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

BROADCAST ANNOUNCING

(CRT.RTVAN) CERTIFICATE

Students will be prepared for a career as an on-air talent for radio or television by working with various forms of live and recorded announcing, including news, weather, and advertising. All coursework in the Broadcast Announcing certificate can be applied to an associate in applied science degree in Radio/TV Broadcasting.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR	
First Semester	Hours
RTV-150 Introduction to Broadcasting +	3.0
RTV-155 Radio TV Announcing +	3.0
RTV-072 Fall Sportscasting + or	
RTV-082 Fall Athletic Announcing +	1.0
SPE-111 Intro to Speech Communication	3.0
--- --- Career Elective	3.0
SEMESTER TOTALS	13.0
Second Semester	
RTV-073 Spring Sportscasting +++ ^^ or	
RTV-083 Spring Athletic Announcing +++ ^^	2.0
RTV-160 Radio Station Operation +++	5.0
RTV-165 Broadcast Writing +++	4.0
SEMESTER TOTALS	11.0
TOTAL PROGRAM HOURS	24.0

+ Course only offered fall semester

+++ Course only offered spring semester

^^ Consult Academic Advisor for appropriate course

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Gregory Powers

Faculty Email: gpowers@lakelandcollege.edu

Faculty Phone: 217-2345335

BUILDING CONSTRUCTION

(CRT.BCT) CERTIFICATE

The Building Construction Certificate prepares the student for a career in the building construction industry immediately upon graduation. The student will learn basic construction principles and techniques, residential wiring, and blue print reading for residential construction. Consult an advisor for transfer options.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR		SUGGESTED ELECTIVES	
First Semester	Hours	CET-060 Surveying I	3.0
TEC-050 Technical Math I	2.0	TEC-045 Introduction to Drafting	2.0
TEC-052 Technical Math II *	2.0	CAD-056 CAD I	2.0
BCT-045 Plans and Specifications	3.0	BCT-062 Architectural Drafting II *	4.0
BCT-054 Basic Carpentry I	4.0	BCT-064 Construction Surveying Layout *	3.0
HED-178 Responding to Emergencies	2.0	BCT-078 Architectural S.O.E.	3.0
SEMESTER TOTALS	13.0	CET-056 PCC Theory and Design	2.0
Second Semester		BCT-055 Basic Carpentry II	4.0
EET-069 Residential Wiring I	3.0		
TEC-043 Industrial Safety	1.0		
--- --- Suggested Electives	8.0		
SEMESTER TOTALS	12.0		
TOTAL PROGRAM HOURS	25.0		

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

BUILDING CONSTRUCTION TECHNOLOGY

(AAS.BCT) ASSOCIATE IN APPLIED SCIENCE

The primary objective of the Building Construction Technology program is to prepare the student for a career in the building construction industry immediately upon graduation. This associate degree program is designed to produce versatile building construction technicians capable of working in a variety of positions such as cost estimators, builders, computer drafters, surveyors and manufacturing representatives. With additional experience, these technicians could fill the positions of engineer's representative, construction supervisor, building inspector or self-employed building contractor. Employers interested in such technicians are building contractors, manufacturers, architectural, or engineering firms and testing laboratories.

Students are required to furnish their own basic drafting equipment. The cost of the equipment is approximately \$40.

Consult an advisor for transfer options.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR			SECOND YEAR		
First Semester			First Semester		
TEC-050	Technical Math I	2.0	ENG-050	Writing for Industry *	3.0
TEC-052	Technical Math II *	2.0	BUS-251	Principles of Management	3.0
BCT-045	Plans and Specifications	3.0	BCT-064	Construction Surveying Layout *	3.0
TEC-045	Introduction to Drafting	2.0	SPE-111	Intro to Speech Communication	3.0
BCT 054	Basic Carpentry I	4.0	--- ---	Suggested Electives	4.0
CET-060	Surveying I	3.0	SEMESTER TOTALS		16.0
SEMESTER TOTALS		16.0	Second Semester		
Second Semester			CET-056	PCC Theory and Design *	2.0
TEC-054	Technical Math III *	2.0	BCT-076	Architectural Design *	4.0
TEC-056	Technical Math IV *	2.0	ECO-130	The American Economy or	
CAD-056	CAD I	2.0	--- ---	Social Science Elective	3.0
EET-069	Residential Wiring I	3.0	BCT-089	Construction Estimating	3.0
BCT-062	Architectural Drafting II	4.0	--- ---	Suggested Elective	4.0
HED-178	Responding to Emergencies	2.0	SEMESTER TOTALS		16.0
SEMESTER TOTALS		15.0	TOTAL PROGRAM HOURS		63.0
SUGGESTED ELECTIVES					
			BUS-089	Small Business Management	3.0
			CIS-068	Computer Appl-Special Topics	2.0
			CAD-057	CAD II *	3.0
			CET-054	Soils + Aggregates	4.0
			BCT 055	Basic Carpentry II	4.0
			BCT-041	Post Frame Construction	2.0
			BCT-078	Architectural S.O.E.	2.0
			CAD-059	Special Applications of CAD	3.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
 Email: counsel@lakelandcollege.edu

Faculty Contact: Neal Haarman
 Faculty Email: nhaarman@lakelandcollege.edu
 Faculty Phone: 217-234-5421

CIVIL ENGINEERING TECHNOLOGY

CET/ADVANCED TECHNICAL STUDIES

(AAS.CETAT) ASSOCIATE IN APPLIED SCIENCE

This option of the Civil Engineering Technology program allows a graduate to continue his or her education at Southern Illinois University in Carbondale or Eastern Illinois University. Graduates from this program of study are able to complete a bachelor of science degree in Technical Resource Management at SIUC with only an additional 60 semester hours of course work.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR	
First Semester	Hours
MAT-130 College Algebra *	3.0
CET-060 Surveying I	3.0
CET-054 Soils + Aggregates +	4.0
CET-051 Civil Construction I +	3.0
ENG-120 Composition I *	3.0
SEMESTER TOTALS	16.0
Second Semester	
MAT-210 Finite Mathematics *	3.0
CET-056 PCC Theory and Design * +++	2.0
CET-057 Asphalt Theory and Design * +++	2.0
TEC-045 Introduction to Drafting	2.0
SPE-111 Intro to Speech Communication	3.0
CAD-056 CAD I	2.0
HED-178 Responding to Emergencies or	
SFS-101 Strategies for Success	2.0
SEMESTER TOTALS	16.0

SECOND YEAR	
First Semester	Hours
PHY-130 College Physics I * +	4.0
CET-062 Surveying II * +	3.0
CIS-160 Practical Software Application	3.0
CET-052 Civil Construction II * +	3.0
CET-082 Civil Drafting * +	3.0
MAT-132 Trigonometry *	3.0
SEMESTER TOTALS	19.0
Second Semester	
PHY-131 College Physics II * +++	4.0
CET-087 Hydraulics/Drainage * +++	3.0
CET-064 Surveying III * +++	3.0
CET-081 CAD for Civil Engineering * +++	3.0
--- --- Social Science Electives ++ ^^	6.0
SEMESTER TOTALS	19.0
TOTAL PROGRAM HOURS	70.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+ Course only offered fall semester

+++ Course only offered spring semester

++ Course only offered spring and summer semester

^^ Consult Academic Advisor for appropriate course

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Joshua Fulk
Faculty Email: jfulk@lakelandcollege.edu
Faculty Phone: 217-234-5566

CNC OPERATOR

(NDP.CNCO) CERTIFICATE

The CNC (Computer Numerical Control) Operator certificate program is designed to provide students with the skills necessary to gain entry level employment in the metal working or wood working industry. Students learn: blueprint reading, shop mathematics, machine tool theory, inspection and quality control, and CNC operations using state of the art equipment. Career opportunities include entry-level CNC operator. Upon completion, students also receive industry recognized certificates in Fanuc CNC Mill and Turn Programming and OSHA 10 hour Safety.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First Semester	Hours
TEC-040 Blueprint Reading/Industry I	2.5
TEC-043 Industrial Safety	1.0
TEC-050 Technical Math I	2.0
TEC-070 Properties of Metal	2.5
WEL-056 Metal Cutting and Fabrication	2.0
MTT-050 Intro to Machining Procedures (Module 1)	3.0
CIM-060 CNC Machining *	3.0
SEMESTER TOTALS	16.0
TOTAL PROGRAM HOURS	16.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Kris Kersey

Faculty Email: kkersey@lakelandcollege.edu

Faculty Phone: 217-234-5304

CNC PROGRAMMER

(NDP.CNCP) CERTIFICATE

The CNC (Computer Numerical Control) Programmer certificate program is designed to provide students with the skills necessary to gain entry level employment in the metal working or wood working industry. It is recommended that students complete the CNC Operator certificate before enrolling in the CNC programmer certificate program. Students learn: blueprint reading, Computer Aided Drafting, shop mathematics, machine tool theory, inspection, quality control and CNC programming using state of the art equipment. Career opportunities may include entry-level CNC programmer or operator. Upon completion, students also receive industry recognized certificates in Fanuc CNC Mill and Turn Programming and OSHA 10 hour Safety.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website.](#)

FIRST YEAR		SUGGESTED ELECTIVES	
First Semester	Hours	WEL-056 Metal Cutting and Fabrication *	2.0
CAD-056 CAD I	2.0	SPE-111 Intro to Speech Communication	3.0
CIM-044 Industrial Robotics	2.0	CAD-062 Introduction to Solidworks	2.0
CIM-092 Computer-Aided Manufacturing	3.0	HED-178 Responding to Emergencies	2.0
CIM-060 CNC Machining *	3.0		
CIM-075 Supervised Occupational Experi *	3.0		
TEC-052 Technical Math II *	2.0		
--- --- Technical Electives	2.0		
SEMESTER TOTALS	17.0		
TOTAL PROGRAM HOURS	17.0		

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Leo Kitten
Faculty Email: lkitten@lakelandcollege.edu
Faculty Phone: 217-234-5316

CHILD AND FAMILY SERVICES

(AAS.CFS) ASSOCIATE IN APPLIED SCIENCE

The primary objective of the Child & Family Services program is to provide students who are interested in a career working with children and/or the family sector with the appropriate academic background and practical experience needed to successfully gain employment in a variety of job opportunities associated with this specific background. Employment opportunities include the following: parent advocate, parental model trainer, subsidy specialist, child care specialist, and family aide specialist. In addition, the program was designed and created to be a transferable option to achieve a Bachelor of Science degree in family and consumer sciences with a focus in family service. Contact an academic advisor regarding transferability options. ECE 120 and 125 must be taken the same semester.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR		SECOND YEAR	
First		First	
Semester	Hours	Semester	Hours
ENG-120 Composition I *	3.0	BIO-100 Bio Science I	4.0
PSY-279 Human Dev/Life Span	3.0	ECE-102 Health/Safety/Nutri/Yng Child	3.0
ECE-100 Intro to Early Childhood Educ	3.0	ECE-095 Creative Activities/Children	4.0
ECE-110 Child Behavior Management	3.0	ECE-051 Infant/Toddler Environment	3.0
SPE-111 Intro to Speech Communication	3.0	SOC-290 Sociology of Family	3.0
SOC-280 Introduction to Sociology	3.0	SEMESTER TOTALS	17.0
SEMESTER TOTALS	18.0	Second	
Second		Semester	
Semester		ECE-087 Organization/Mgt of Preschools	3.0
HSP-120 Introduction to Social Work or		ECE-083 Instructional Methods	3.0
HSP-101 Dynamics of Domestic Violence	3.0	ECE-120 Field Experience Seminar	1.0
PSY-274 Child Development	3.0	SOC-282 Social Problems	3.0
ENG-121 Composition II	3.0	HED-178 Responding to Emergencies	2.0
ART-165 Fundamentals of Art or		ECE-125 Field Experience	2.0
ART-250 Understanding Art or		--- --- Electives ^^	2.0
MUS-229 Understanding Music	3.0	SEMESTER TOTALS	16.0
PSY-271 Intr/Psychology	3.0	TOTAL PROGRAM HOURS	66.0
SEMESTER TOTALS	15.0		

* There are prerequisites, course requisites, or minimum placement test scores for this course.

^^ Consult Academic Advisor for appropriate course

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Tanille Ulm
Faculty Email: tulm@lakelandcollege.edu
Faculty Phone: 217-234-5488

CIVIL ENGINEERING TECHNOLOGY

(AAS.CET) ASSOCIATE IN APPLIED SCIENCE

This program prepares students with skills necessary for employment as a civil engineering technician with consulting engineering firms, testing laboratories, utilities and local, state and federal government agencies. Emphasis is placed on such tasks as surveying, materials testing, drafting, construction inspection, etc., associated with civil engineering. There is a strong demand for civil technicians; thus, employment opportunities are good. Civil Engineering Technology provides a balance between outdoor and indoor work which many find desirable. Surveying, field testing, construction supervision and testing are essentially outdoor work while drafting, design and laboratory testing are indoor work.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR		SECOND YEAR	
First		First	
Semester	Hours	Semester	Hours
TEC-050 Technical Math I (Module 1)	2.0	TEC-060 Analytical Mechanic * +	4.0
TEC-052 Technical Math II (Module 2) *	2.0	CET-062 Surveying II (Module 1) * +	3.0
CET-060 Surveying I (Module 1)	3.0	CIS-068 Computer Appl-Special Topics	2.0
CET-054 Soils + Aggregates (Module 2) * +	4.0	CET-052 Civil Construction II * +	3.0
CET-051 Civil Construction I +	3.0	CET-082 Civil Drafting * +	3.0
ENG-050 Writing for Industry	3.0	--- --- Social Science Elective	3.0
SEMESTER TOTALS	17.0	SEMESTER TOTALS	18.0
Second		Second	
Semester		Semester	
TEC-054 Technical Math III *	2.0	TEC-080 Strength/Materials * +++	4.0
TEC-056 Technical Math IV *	2.0	CET-087 Hydraulics/Drainage * +++	3.0
CET-056 PCC Theory and Design (Module 1) * +++	2.0	CET-064 Surveying III * +++	3.0
CET-057 Asphalt Theory and Design (Module 2) * +++	2.0	CET-081 CAD for Civil Engineering * +++	3.0
TEC-045 Introduction to Drafting	2.0	CET-065 Data Collection GIS Mapping * +++	2.0
CAD-056 CAD I	2.0	SEMESTER TOTALS	15.0
SPE-111 Intro to Speech Communication	3.0	TOTAL PROGRAM HOURS	72.0
HED-178 Responding to Emergencies or			
SFS-101 Strategies for Success	2.0		
SEMESTER TOTALS	17.0		
Summer			
Term			
CET-075 Supervised Occupational Exp (Optional)	5.0		
SEMESTER TOTALS	5.0		

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+ Course only offered fall semester

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Joshua Fulk

Faculty Email: jfulk@lakelandcollege.edu

Faculty Phone: 217-234-5566

CIVIL ENGINEERING TECHNOLOGY - COOP

(AAS.CETCO) ASSOCIATE IN APPLIED SCIENCE

This cooperative study option has the same course work as the regular program; however, it is extended to include 15 months of on the job experience as an integral part of the training. The student will earn college credit plus typically earn a salary during this experience. The knowledge gained during the field cooperative work experience is very good for building a resume for future employment.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR		
First Semester		Hours
TEC-050 Technical Math I (Module 1)		2.0
CET-060 Surveying I (Module 1)		3.0
CET-054 Soils + Aggregates (Module 2) * +		4.0
CET-051 Civil Construction I +		3.0
ENG-050 Writing for Industry		3.0
TEC-052 Technical Math II (Module 2) *		2.0
SEMESTER TOTALS		17.0
Second Semester		
TEC-054 Technical Math III (Module 1) *		2.0
TEC-056 Technical Math IV (Module 2) *		2.0
CET-056 PCC Theory and Design (Module 1) * +++		2.0
CET-057 Asphalt Theory and Design (Module 2) * +++		2.0
TEC-045 Introduction to Drafting		2.0
CAD-056 CAD I		2.0
SPE-111 Intro to Speech Communication		3.0
HED-178 Responding to Emergencies or		
SFS-101 Strategies for Success		2.0
SEMESTER TOTALS		17.0
Summer Term		
CET-076 Supervised Occupational Exp		5.0
SEMESTER TOTALS		5.0

SECOND YEAR		
First Semester		Hours
CET-077 Supervised Occupational Exp *		6.0
SEMESTER TOTALS		6.0
Second Semester		
CET-078 Supervised Occupational Exp *		6.0
SEMESTER TOTALS		6.0
Summer Term		
CET-079 Supervised Occupational Exp *		3.0
SEMESTER TOTALS		3.0
THIRD YEAR		
First Semester		Hours
TEC-060 Analytical Mechanic * +		4.0
CET-062 Surveying II (Module 1) * +		3.0
CIS-068 Computer Appl-Special Topics		2.0
CET-052 Civil Construction II * +		3.0
CET-082 Civil Drafting * +		3.0
Social Science Elective		3.0
SEMESTER TOTALS		18.0
Second Semester		
TEC-080 Strength/Materials * +++		4.0
CET-087 Hydraulics/Drainage * +++		3.0
CET-064 Surveying III * +++		3.0
CET-081 CAD for Civil Engineering * +++		3.0
CET-065 Data Collection GIS Mapping * +++		2.0
SEMESTER TOTALS		15.0
TOTAL PROGRAM HOURS		87.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+ Course only offered fall semester

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Joshua Fulk

Faculty Email: jfulk@lakelandcollege.edu

Faculty Phone: 217-234-5566

COMMERCIAL TRUCK DRIVER TRAINING

(NDP.CTDT) CERTIFICATE

Designed for individuals with little or no commercial driving experience, this program includes everything a student needs to obtain an entry level driving position in the trucking industry.

The Lake Land Commercial Truck Driver Training Program works with many trucking companies that will pre-hire students. Truck driving is one of the few occupations where students who complete training are almost certain to go to work immediately. Most students receive several job offers prior to completion of their training.

Training is conducted at the Lake Land College Workforce Development Center, 305 Richmond Ave. East, Mattoon, Illinois. For more information about the program, job opportunities and payment options, contact the program coordinator at 1-800-789-1282 or visit the website at lakelandcollege.edu/cbi/cdl.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR		OPTIONAL COURSES	
First Semester	Hours	CDL-010 CDL Recertification	0.5
CDL-040 Commercial Truck Driver Training	7.0	CDL-011 IL Class B Driver Lic Prep	2.0
SEMESTER TOTALS	7.0		
TOTAL PROGRAM HOURS	7.0		

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Justin Onigkeit
Faculty Email: jonigkeit@lakelandcollege.edu
Faculty Phone: 217-238-8239

COMPUTER AIDED DESIGN TECHNOLOGY

(AAS.CAD) ASSOCIATE IN APPLIED SCIENCE

Computer-Aided Design (CAD) is a computer graphics based tool that allows drafters, designers and engineers to develop new products faster by automating many complex and tedious design tasks. This program will provide in-depth knowledge and experience in two- and three-dimensional design and drafting. The student will work with state-of-the-art CAD and solid modeling software and hardware. Those earning this degree will be prepared for a career as a CAD designer, mechanical designer, engineering technician or CAD technician, or Architectural drafter. Upon completion, students can also receive industry recognized certificates from Fanuc, OSHA, AutoCAD, and others.

Students planning to continue their education at Eastern Illinois University or Southern Illinois University to earn a bachelor's degree in Industrial Technology, Applied Engineering, or Architecture should consult their advisor/counselor for course requirements and substitutions.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR			SECOND YEAR		
First			First		
Semester		Hours	Semester		Hours
TEC-050	Technical Math I (Module 1)	2.0	CAD-058	CAD Drafting Systems * +	2.0
TEC-052	Technical Math II (Module 2) *	2.0	CIM-092	Computer-Aided Manufacturing * +	3.0
TEC-103	Engineering Graphics	3.0	CAD-060	3D Solid Modeling * +	3.0
CAD-056	CAD I	2.0	TEC-060	Analytical Mechanic * +	4.0
CIS-160	Practical Software Application	3.0	HED-178	Responding to Emergencies	2.0
ENG-098	Communications I	3.0	--- ---	Design/Drafting Elective	2.0
--- ---	Social Science Elective	2.0	SEMESTER TOTALS		
SEMESTER TOTALS		17.0	16.0		
Second			Second		
Semester			Semester		
TEC-054	Technical Math III *	2.0	TEC-080	Strength/Materials * +++	4.0
TEC-056	Technical Math IV *	2.0	CAD-062	Introduction to Solidworks	2.0
CAD-057	CAD II *	3.0	MET-084	Technical Mechanisms * +++	3.0
CAD-059	Special Applications of CAD * +++	3.0	CAD-061	3D Parametric Design * +++	3.0
CIM-060	CNC Machining * +++	3.0	--- ----	Social Science Elective	3.0
--- ---	Design/Drafting Elective	3.0	--- ---	Design/Drafting Elective	2.0
SEMESTER TOTALS		16.0	SEMESTER TOTALS		
			17.0		
			TOTAL PROGRAM HOURS		
			66.0		
SUGGESTED ELECTIVES					
BCT-062		Architectural Drafting II * +++			4.0
BCT-076		Architectural Design * +++			4.0
CET-081		CAD for Civil Engineering * +++			3.0
CET-082		Civil Drafting +			3.0
CIS-092		Adobe Illustrator			3.0
EET-056		Electronic Design/Fabrication			3.0
MTT-050		Intro to Machining Procedures			3.0
CIM-094		Computer Integrated Manf * +++			3.0
CIM-044		Industrial Robotics			2.0
CAD-075		Supervised Occupational Exp			3.0
TEC-043		Industrial Safety			1.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+++ Course only offered spring semester

+ Course only offered fall semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Leo Kitten

Faculty Email: lkitten@lakelandcollege.edu

Faculty Phone: 217-234-5316

COMPUTER-AIDED DRAFTING

(CRT.CAD) CERTIFICATE

Computer-Aided Drafting (CAD), also called computer-aided design, has evolved from an experimental process to a highly efficient tool in the past 20 years. CAD not only replaces most manual drafting, but can also be used for generating bills of materials, doing computerized structural analysis and controlling manufacturing machines. Several companies in the local area and worldwide, both large and small, utilize CAD for a variety of purposes. Computer-aided drafting is a unique application of computer graphics. The CAD draftsman can easily produce and modify plans, blueprints, designs, technical illustrations and schematics. Once a student completes the CAD certificate program, he or she will not only know how to operate a CAD system, but also how to set-up, customize and troubleshoot it. The many uses of CAD have opened many career opportunities in this exciting high-tech field. As a stand-alone certificate, the graduate can expect to find employment as a CAD draftsman or CAD operator. Those earning an associate in applied science degree can complete a few additional courses and earn a CAD certificate. The CAD certificate can greatly increase the opportunities for a good paying job in such fields as manufacturing, civil engineering, electronics or building construction. Students planning to continue their education can use this certificate as the beginning of a degree in similar fields.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR		SUGGESTED ELECTIVES	
First Semester	Hours		
CAD-056 CAD I (Module 1)	2.0	CIM-094 Computer Integrated Manf	3.0
CAD-058 CAD Drafting Systems (Module 2) * +	2.0	CAD-061 3D Parametric Design	3.0
TEC-050 Technical Math I	2.0	CIM-060 CNC Machining	3.0
TEC-052 Technical Math II *	2.0	CIM-092 Computer-Aided Manufacturing	3.0
ENG-098 Communications I	3.0	BCT-045 Plans and Specifications	3.0
TEC-103 Engineering Graphics	3.0		
CAD-060 3D Solid Modeling	3.0		
SEMESTER TOTALS	17.0		
Second Semester			
CAD-057 CAD II *	3.0		
CAD-059 Special Applications of CAD * +++	3.0		
CIS-160 Practical Software Application	3.0		
CAD-062 Introduction to Solidworks	2.0		
Suggested Elective	3.0		
SEMESTER TOTALS	14.0		
TOTAL PROGRAM HOURS	31.0		

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+ Course only offered fall semester

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Leo Kitten

Faculty Email: lkitten@lakelandcollege.edu

Faculty Phone: 217-234-5316

COMPUTER APPLICATIONS SPECIALIST

(NDP.CMPAP) CERTIFICATE

This certificate provides the student with the theory and the practical applications of computers relating to both business areas and personal uses. Hands-on training is emphasized. Students seeking this certificate may do so for entry level skills needed to work with existing software or for personal applications.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First Semester	Hours
CIS-160 Practical Software Applications	3.0
CIS-156 Computer Logic	3.0
CIS-056 Advanced Software Applications * +	3.0
CIS or ITT Electives **	9.0
SEMESTER TOTALS	18.0
TOTAL PROGRAM HOURS	18.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+ Course only offered fall semester

** Electives must be approved by the Program Coordinator

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Angela Davison
Faculty Email: adavison@lakelandcollege.edu
Faculty Phone: 217-234-5414

COMPUTER SYSTEMS

(NDP.CT) CERTIFICATE

This program is designed for students who already have a background in computer technology and wish to sharpen their computer tech skills while working to obtain the CompTIA A+, or test out certification.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR	
First Semester	Hours
EET-076 Digital Logic *	3.0
EET-081 Physical Computing W/ Rasp Pi	3.0
EET-060 Computer Hardware *	3.0
EET-077 PC Pro	4.0
EET-066 Network Pro *	4.0
SEMESTER TOTALS	17.0
TOTAL PROGRAM HOURS	17.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Gary Lindley
Faculty Email: gindley@lakelandcollege.edu
Faculty Phone: 217-234-5246

COMPUTER TECHNICIAN

(CRT.COMTC) CERTIFICATE

The Computer Technician program prepares the student for entry into the broad field of computer repair and maintenance in a variety of areas such as personal computers, telecommunications, industrial and computer network systems. The program also prepares the student for A+ certification testing, test out certification, and standards of excellence set by the computer industry.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First	
Semester	Hours
IND-046 Concepts of Electricity	3.0
TEC-048 Applied Shop Computations	3.0
EET-056 Electronic Design/Fabrication	3.0
EET-060 Computer Hardware	3.0
TEL-051 Networking Basics +	3.0
SEMESTER TOTALS	15.0
Second	
Semester	Hours
CIS-079 Client Operating System *	3.0
EET-067 Computer Servicing Techniques *	3.0
ENG-050 Writing for Industry	3.0
EET-066 Network Pro	4.0
--- --- Electronic Elective **	2.0
SEMESTER TOTALS	15.0
Summer	
Term	Hours
EET-077 PC Pro *	4.0
SEMESTER TOTALS	4.0
TOTAL PROGRAM HOURS	34.0

+ Course only offered fall semester

* There are prerequisites, course requisites, or minimum placement test scores for this course.

** Electives must be approved by the Program Coordinator

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Gary Lindley

Faculty Email: glindley@lakelandcollege.edu

Faculty Phone: 217-234-5246

COSMETOLOGY

(CRT.COS) CERTIFICATE

The Cosmetology program meets the Illinois Department of Professional Regulation standard requirements pertaining to faculty qualifications, equipment, facilities, course content and contact hours. Entrance into the program is granted fall and spring semesters following a screening process. A total of 1,500 consecutive hours is required for completion of the program. In addition to tuition and service fees, cosmetology students will purchase a uniform, manikins, cosmetology kit, and workbooks. Students will have the opportunity to attend off campus cosmetology seminars. To secure an Illinois cosmetology license, each student is required to take a computerized Illinois state board examination upon completion of the curriculum. See career track program Cosmetology Track when selecting a major. Contact the Director of Cosmetology at 217-234-5343 for more information regarding the screening process.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website.](#)

FIRST YEAR

First

Semester	Hours
SOS-050 Human Relations	2.0
COS-050 Cosmetology I	6.0
COS-052 Cosmetology II *	6.0
SPE-200 Interpersonal Communication	3.0
SEMESTER TOTALS	17.0

Second

Semester	Hours
COS-054 Cosmetology III *	6.0
COS-056 Cosmetology IV *	7.0
COS-061 Computer Appl for Cosmetology	3.0
SEMESTER TOTALS	16.0

Third

Semester	Hours
COS-060 Salon Management	3.0
COS-058 Cosmetology V *	7.0
SEMESTER TOTALS	10.0
TOTAL PROGRAM HOURS	43.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Peggy Strange
Faculty Email: pstrange@lakelandcollege.edu
Faculty Phone: 217-234-5343

COSMETOLOGY - TRACK

(CRT.COS.TRK)

The Cosmetology Certificate Track prepares the student for acceptance into the Cosmetology program. Applicants are instructed to begin their cosmetology application with the CRT.COS.TRK major code. Students are counseled on admission requirements into the Cosmetology program. Once accepted into the Cosmetology program, the major code will be changed to CRT.COS.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website.](#)

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Peggy Strange
Faculty Email: pstrange@lakelandcollege.edu
Faculty Phone: 217-234-5343

COSMETOLOGY TEACHER

(CRT.COSTR) CERTIFICATE

Illinois Cosmetology license required. Cosmetology Teacher I, II and III develops the teaching techniques for the instruction of cosmetology skills. The study of basic theory and principles of cosmetology instruction and business procedures are examined. The student will complete requirements for state board examination and licensing in the state of Illinois.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First Semester	Hours
COS-076 Cosmetology Teacher I +++	6.0
ENG-095 Business English or ENG-120 Composition I *	3.0
--- --- Cosmetology Teacher Elective	3.0
SEMESTER TOTALS	12.0
Second Semester	
COS-077 Cosmetology Teacher II * +++++	6.0
SPE-111 Intro to Speech Communication	3.0
SEMESTER TOTALS	9.0
Third Semester	
COS-078 Cosmetology Teacher III * +	5.0
--- --- Cosmetology Teacher Elective	3.0
SEMESTER TOTALS	8.0
TOTAL PROGRAM HOURS	29.0

SUGGESTED ELECTIVES

BUS-141 Business Communications	3.0
BUS-251 Principles of Management	3.0
EDU-100 Introduction to Education ^^	3.0

+++ Course only offered spring semester

* There are prerequisites, course requisites, or minimum placement test scores for this course.

++++ Course offered in summer term only

+ Course only offered fall semester

^^ Course requires a 30-hour practicum experience in addition to classroom lecture hours

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Peggy Strange

Faculty Email: pstrange@lakelandcollege.edu

Faculty Phone: 217-234-5343

CRIMINAL JUSTICE LEADERSHIP

(NDP.CJL) CERTIFICATE

The Criminal Justice Leadership certificate is aimed at students and working criminal justice professionals who want to take on a leadership role in their careers. This certificate will instill basic leadership knowledge, including general management principles and principles in labor relations and human resources.

This certificate can be applied toward the associate in applied science degree in Law Enforcement to help expand the student's credentials and knowledge.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First

Semester	Hours
CJS-092 Police Management & Supervision	3.0
CJS-150 Intro/Criminal Just	3.0
SPE-200 Interpersonal Communication	3.0
BUS-251 Principles of Management	3.0
BUS-285 Labor Relations	3.0
BUS-290 Human Resource Management	3.0
SEMESTER TOTALS	18.0
TOTAL PROGRAM HOURS	18.0

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Dustin Heuerman

Faculty Email: dheuerman2186@lakelandcollege.edu

Faculty Phone: 217-234-5310

CROP PRODUCTION

(CRT.CROP) CERTIFICATE

The Crop Production certificate is designed to prepare students for employment in crop production situations. These situations include farming, farm management and farm operations. Program contains a minimum of eight weeks of internship at an approved location.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR	
First Semester	Hours
AGR-040 Agricultural Mathematics + or	
MAT-116 General Education Math *	2.5
AGR-052 Principles of Crop Production + or	
AGR-204 Prin/Field Crop Science +++	3.0
AGR-060 Animal Husbandry + or	
AGR-206 Intro/Animal Science	3.0
AGR-050 Soils + or	
AGR-205 Intro/Soil Science	3.5
AGR-122 Farm Management +	2.5
SEMESTER TOTALS	14.5
Second Semester	
AGR-049 OSHA/Ag Mach Safety +++	1.0
AGR-111 Intro to Agriculture Software +++	2.0
AGR-123 Marketing of Ag Products +++	2.5
AGR-051 Soil Fertility +++	2.5
AGR-121 Farm Business Records +++	2.5
AGR-041 Supervised Occupational Exp I +++	3.5
AGR-152 Intensive Crop Scouting +++	3.0
--- --- Elective	1.0
SEMESTER TOTALS	18.0
Summer Term	
AGR-120 Agriculture Economics ++++ or	
AGR-207 Intro/Ag Economics	3.0
AGR-053 Integrated Pest Management ++++	3.0
SEMESTER TOTALS	6.0
TOTAL PROGRAM HOURS	38.5

+ Course only offered fall semester
 * There are prerequisites, course requisites, or minimum placement test scores for this course.
 +++ Course only offered spring semester
 ++++ Course offered in summer term only
 ** Electives must be approved by the Program Coordinator

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Mark Niemerg
Faculty Email: mniemerg@lakelandcollege.edu
Faculty Phone: 217-234-5327

SUGGESTED ELECTIVES	
AGR-124 Farm Credit and Finance ** +++	2.0
AGR-086 Adjusting New and Used Mach ** ++++	2.5
AGR-090 Principles of Agri Mechanics ** +	2.5
AGR-042 Supervised Occupational Exp II ** ++++	2.5
AGR-151 GPS/Applications in Ag ** +++	3.0

DENTAL HYGIENE

(AAS.DH) ASSOCIATE IN APPLIED SCIENCE

Dental Hygiene prepares the student with specialized skills necessary for employment as a dental hygienist. Emphasis is on patient treatment such as removal of calculus, stain and deposits from the teeth, prevention of oral disease, and on the hygienist's role as a dental health educator. The hygienist's services are sought by dentists, schools, prisons, hospitals, departments of health, and industry. The Dental Hygiene program is fully accredited by the American Dental Association Commission on Dental Accreditation.

Applicants seeking admission into the Dental Hygiene program for the fall semester must have a completed dental hygiene application file in the department by January 31, or the preceding business day if January 31 falls on the weekend. Applicants will be informed in writing within six weeks of the deadline on the status of their candidacy. A student information packet may be obtained from the Dental Hygiene office or online, using an objective formula approved by the Dental Hygiene department. This formula includes achievement in prerequisite and co-requisite courses, number of completed credit hours; ACT/SAT test scores; dental assisting experience; and grade point average.

Admission Process

1. Have satisfactorily graduated from a recognized high school with a grade average of "C" or better, or have a GED.
2. High school students who successfully complete Partnership for College and Career Success curriculum should consult with the Director of Dental Hygiene regarding enrollment requirements and procedures.
3. Have successfully completed college level Anatomy & Physiology I, Microbiology and Chemistry with a "C" or better within the last seven years. Concepts of Chemistry (CHM 111), Anatomy & Physiology I (BIO 225) and Microbiology (BIO 235) are recommended at Lake Land College.
4. Have completed ACT/SAT tests and had scores sent to Lake Land College. (ACT/SAT test scores are valid for four years)
5. Have completed college Intent to Enroll and have high school and college transcripts sent to Lake Land College Admissions & Records.
6. Have completed Lake Land College placement test, if no ACT/SAT scores.
7. Have completed Dental Hygiene Intent packet sent to the Dental Hygiene Office.
8. Completed applications will be evaluated by the Dental Hygiene Admissions Committee. Notification of acceptance will be provided to those individuals meeting the entrance criteria on a space available basis. Acceptance to the college does not ensure acceptance into the Dental Hygiene program.
9. All courses required for the Dental Hygiene program must be completed with a "C" or better and completed within the last seven years.

Acceptance Criteria

1. After acceptance into the program, a comprehensive physical examination is required.
2. After acceptance, a current Healthcare Provider CPR card is required.
3. After acceptance, submit a passport photo.
4. After acceptance, Hepatitis B immunizations are strongly recommended for all entering students.
5. After acceptance, the student must achieve grades of "C" or better in all courses to remain enrolled.
6. After acceptance, the student must submit to a background check (approximate cost \$55.00) and drug screening (approximately \$35.00) per program policy.
7. After acceptance, the student must submit to random drug testing periodically throughout tenure in the program per program policy.
8. The Anatomy and Physiology I & II course curriculum must include the study of a cadaver including head and neck anatomy. A 2-credit cadaver course (ADN 061) is offered should A&P courses taken at other colleges not include human cadaver.
9. A complete listing of Dental Hygiene Essential Functions can be found in the Dental Hygiene policy manual and application packet.

Cost

In addition to tuition, lab fees, and service fees, students are expected to buy their uniforms (approximately \$200), dental hygiene kits and magnification loupes (approximately \$3,200), and pay for other incidental expenses. Special books and miscellaneous items average about \$300 per semester. Licensing examinations and learning experiences off campus will be at the expense of the student.

Program requirements may change over time. Specific degree/ graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

DENTAL HYGIENE

(AAS.DH) ASSOCIATE IN APPLIED SCIENCE CONTINUED

FIRST YEAR	
First	
Semester	Hours
BIO-226 Human Ana/Phys II *	4.0
DHY-066 Dental Histology & Embryology	2.0
DHY-067 Dental Anatomy	2.0
DHY-068 Dental Hygiene I	3.0
DHY-069 Pre-Clinic Hyg I	3.0
SEMESTER TOTALS	14.0
Second	
Semester	
DHY-045 Radiology	4.0
DHY-071 Dental Hygiene II *	3.0
DHY-072 Preclinical Hygiene II *	2.5
DHY-080 Pathology	3.0
SEMESTER TOTALS	12.5
Summer	
Term	
DHY-081 Periodontology	3.0
DHY-082 Dietary Analysis DH/Seminar I	1.5
DHY-083 Clinic I *	3.0
SEMESTER TOTALS	7.5

SECOND YEAR	
First	
Semester	Hours
PSY-271 Intr/Psychology	3.0
DHY-084 Dietary Analysis for the DH/Seminar II	1.5
DHY-087 Special Needs	2.0
DHY-088 Clinic II	4.0
DHY-089 Lab Procecd/Dent Hyg	3.0
DHY-091 Pain Management Dental Hygiene	2.0
DHY-096 Community Dental Health	1.5
SEMESTER TOTALS	17.0
Second	
Semester	
ENG-120 Composition I	3.0
SOC-280 Introduction to Sociology	3.0
SPE-111 Intro to Speech Communication	3.0
DHY-086 Pharmacology	2.0
DHY-092 Dent Public Health	1.0
DHY-093 Ethics and Jurisprudence	3.0
DHY-094 Clinic III *	4.0
DHY-095 Dietary Analysis for the DH/Seminar III	1.5
SEMESTER TOTALS	20.5
TOTAL PROGRAM HOURS	71.5

SUGGESTED ELECTIVES	
DHY-041 Dental Terminology +	0.5
DHY-043 Dental Hygiene Board Review +++	0.5

* There are prerequisites, course requisites, or minimum placement test scores for this course.
 + Course only offered fall semester
 +++ Course only offered spring semester

Call Counseling Services: 217-234-5232
 Email: counsel@lakelandcollege.edu

Faculty Contact: Deborah Thomason
 Faculty Email: dkirts@lakelandcollege.edu
 Faculty Phone: 217-234-5202

DENTAL HYGIENE - TRACK

(AAS.DH.TRK)

This program prepares the student for admission into the Dental Hygiene program (AAS.DH). Students in this track are advised to enroll in courses that need to be completed prior to admission into the Dental Hygiene program. They are also advised to enroll in courses that will increase their success rate once they have entered the program. Once accepted into the Dental Hygiene program, the student's major code will be changed to AAS.DH.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Call Counseling Services: 217-234-5232
 Email: counsel@lakelandcollege.edu

Faculty Contact: Deborah Thomason
 Faculty Email: dkirts@lakelandcollege.edu
 Faculty Phone: 217-234-5202

DESKTOP PUBLISHING

(CRT.DPGD) CERTIFICATE

This certificate provides skills and knowledge to prepare students for entry level positions in the desktop publishing field. With a knowledge of desktop publishing software tools along with basic web technology and office software, graduates may fill various entry level positions in the desktop publishing field.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website.](#)

FIRST YEAR		Hours
First Semester		
CIS-088	Adobe Photoshop +	3.0
CIS-092	Adobe Illustrator +	3.0
CIS-099	Introduction to Web Technology	3.0
CIS-160	Practical Software Applications	3.0
--- ---	BUS, CIS or ITT Elective * **	3.0
SEMESTER TOTALS		15.0
Second Semester		
CIS-090	Adobe InDesign +++	3.0
CIS-051	Designing for the Web * +++	3.0
ITT-053	Digital Media Arts * +++	3.0
--- ---	BUS, CIS or ITT Elective * **	6.0
SEMESTER TOTALS		15.0
TOTAL PROGRAM HOURS		30.0

SUGGESTED ELECTIVES		Hours
CIS-056	Advanced Software Applications * +	3.0
BUS-247	Principles of Marketing	3.0
BUS-094	Business Math	3.0
BUS-142	Introduction to Business	3.0
CIS-058	Spec Software Applications * +	3.0
BUS-141	Business Communications	3.0
CIS-156	Computer Logic	3.0
CIS-049	Content Management Systems +	2.0

+ Course only offered fall semester

+++ Course only offered spring semester

* There are prerequisites, course requisites, or minimum placement test scores for this course.

** Electives must be approved by the Program Coordinator

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Marcy Satterwhite

Faculty Email: msatterw@lakelandcollege.edu

Faculty Phone: 217-234-5359

EARLY CHILDHOOD CARE AND EDUCATION

(AAS.ECE) ASSOCIATE IN APPLIED SCIENCE

The Early Childhood Care and Education program provides the academic background and practical experience necessary to operate a private, home day care and teach or direct in child care facilities. Additional employment opportunities include nursery schools, Head Start programs, and paraprofessional teacher's aide in primary grades. The program is especially suited to individuals who enjoy working and teaching young children and to those having a caring and patient personality. A "C" average in required Early Childhood Care and Education core classes must be maintained by students prior to enrolling in ECE 125.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR		SECOND YEAR	
First Semester		First Semester	
ENG-098 Communications I or		ECE-095 Creative Activities/Children	4.0
ENG-120 Composition I	3.0	ECE-051 Infant/Toddler Environment	3.0
ECE-100 Intro to Early Childhood Educ	3.0	SOC-280 Introduction to Sociology	3.0
ECE-110 Child Behavior Management	3.0	PSY-274 Child Development	3.0
BIO-120 Natural Science or		ECE-102 Health/Safety/Nutri/Yng Child	3.0
BIO-100 Bio Science I	3.0	HED-178 Responding to Emergencies	2.0
--- --- Elective	3.0	SEMESTER TOTALS	18.0
SEMESTER TOTALS	15.0	Second Semester	
Second Semester		ECE-083 Instructional Methods	3.0
ECE-081 Early Childhood Clinical	1.0	ECE-087 Organization/Mgt of Preschools	3.0
ART-165 Fundamentals of Art or		PED-172 Bsc Act Elem/Sec Child	2.0
ART-250 Understanding Art or		ECE-120 Field Experience Seminar (Module 2) *	1.0
MUS-229 Understanding Music	3.0	EDU-103 Teaching/Learning W/Technology	3.0
EDU-190 Introduction/Special Education	3.0	ECE-125 Field Experience *	4.0
PSY-271 Intr/Psychology	3.0	SEMESTER TOTALS	16.0
SPE-111 Intro to Speech Communication	3.0	TOTAL PROGRAM HOURS	64.0
--- --- Elective	2.0		
SEMESTER TOTALS	15.0		

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
 Email: counsel@lakelandcollege.edu

Faculty Contact: Tanille Ulm
 Faculty Email: tulm@lakelandcollege.edu
 Faculty Phone: 217-234-5488

ELECTRONIC CONTROL TECHNICIAN

(CRT.ECT) CERTIFICATE

The Electronic Communication Certificate will provide training in cabling and fiber optics, analog and digital electronics, computers, data communication with basic routing skills. The student will receive hands-on training on wide range of electronic equipment.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website.](#)

FIRST YEAR

First

Semester	Hours
EET-072 Industrial Control I *	2.0
EET-040 Basic Electronics	2.5
EET-050 Electric Circuits I *	2.5
TEC-050 Technical Math I	2.0
TEC-052 Technical Math II *	2.0
EET-056 Electronic Design/Fabrication	3.0
EET-086 Prog Logic Controllers I * +	2.0
TEC--- Technical Elective	2.0
SEMESTER TOTALS	18.0

Second

Semester	Hours
EET-052 Solid State Devices *	4.0
EET-075 HMI-Human Machine Interface *	2.0
EET-087 Prog Logic Controllers II *	2.0
CAD-056 CAD I	2.0
ENG-050 Writing for Industry	3.0
EET-066 Network Pro	4.0
SEMESTER TOTALS	17.0
TOTAL PROGRAM HOURS	35.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+ Course only offered fall semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Gary Lindley

Faculty Email: glindley@lakelandcollege.edu

Faculty Phone: 217-234-5246

ELECTRONIC MARKETING

(CRT.EMKT) CERTIFICATE

The certificate in Electronic Marketing trains students to effectively market an organization and its products through its website and social media presence. The program will highlight strategies for drawing more traffic to a firm's website, increasing online revenues, and enhancing the organization's reputation. All courses satisfactorily completed in this certificate program will apply to the associate in applied science degree with a major in marketing or management.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First

Semester	Hours
CIS-099 Introduction to Web Technology	3.0
BUS-142 Introduction to Business	3.0
CIS-160 Practical Software Application	3.0
BUS-247 Principles of Marketing	3.0
SEMESTER TOTALS	12.0

Second

Semester	Hours
BUS-090 Prin of Retailing ++++	3.0
BUS-091 Prin of Advertising ++++	3.0
BUS-134 Principles of E-Marketing	3.0
CIS-100 Advanced Web Page Design *	3.0
SEMESTER TOTALS	12.0
TOTAL PROGRAM HOURS	24.0

++++ Course offered in summer term only

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: John Carpenter

Faculty Email: jcarpent@lakelandcollege.edu

Faculty Phone: 217-234-5347

ELECTRONICS ENGINEERING TECHNOLOGY

(AAS.EET) ASSOCIATE IN APPLIED SCIENCE

The Electronic Engineering Technology program is designed to prepare the student for transfer to one of Indiana State University's or Southern Illinois University's electronic degree programs. Students completing the Electronic Engineering Technology degree program have the skills and knowledge to be employed in many different electronic fields. This program teaches a broad range of electronics such as radio frequency communication, microprocessors, digital and linear electronics.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR		SECOND YEAR	
First Semester	Hours	First Semester	Hours
EET-040 Basic Electronics (Module 1)	2.5	EET-078 Linear Electronics * +	3.0
EET-050 Electric Circuits I (Module 2) *	2.5	EET-072 Industrial Control I (Module 1) * +	2.0
ENG-120 Composition I *	3.0	EET-086 Prog Logic Controllers I *Module 2) * +	2.0
CAD-056 CAD I (Module 1)	2.0	PHY-130 College Physics I * +	4.0
EET-056 Electronic Design/Fabrication +	3.0	EET-081 Microcontroller Applications * +	3.0
MAT-130 College Algebra *	3.0	EET-048 Digital Circuits +	3.0
HED-178 Responding to Emergencies	2.0	SEMESTER TOTALS	17.0
SEMESTER TOTALS	18.0	Second Semester	
Second Semester		EET-080 R.F. Communications * +++	3.0
EET-076 Digital Logic * +++	3.0	EET-085 Electronic Projects *	2.0
EET-052 Solid State Devices * +++	4.0	PHY-131 College Physics II * +++	4.0
ENG-121 Composition II *	3.0	PLC-040 Fund of Instrumentation ++	3.0
--- --- Social Science Elective	2.0	--- --- Social Science Elective	3.0
--- --- Technical Elective	3.0	--- --- Technical Elective	2.5
MAT-132 Trigonometry *	3.0	SEMESTER TOTALS	17.5
SEMESTER TOTALS	18.0	TOTAL PROGRAM HOURS	70.5

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+ Course only offered fall semester

+++ Course only offered spring semester

++ Course only offered spring and summer semester

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Michael Beavers
Faculty Email: mbeavers@lakelandcollege.edu
Faculty Phone: 217-234-5341

ELECTRONICS SYSTEMS SPECIALIST

(AAS.EETES) ASSOCIATE IN APPLIED SCIENCE

The Electronic Systems Specialist program prepares the student for employment in the electronics field of choice utilizing a hands-on approach. The graduate may chose classes in the electronics fields of computers, networking, telecommunications, or manufacturing. Electronics Systems Specialist applies their knowledge of electronics by assisting electronics engineers, performing test on new equipment designs, doing field service work or performing maintenance and repair on sophisticated electronic systems such as robotics, computers, and industrial controls.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR		SECOND YEAR	
First Semester		First Semester	
CAD-056 CAD I	2.0	--- --- Social Science Elective	3.0
EET-040 Basic Electronics	2.5	EET-048 Digital Circuits *	3.0
EET-050 Electric Circuits I *	2.5	EET-072 Industrial Control I *	2.0
--- --- Technical Elective	3.0	EET-086 Prog Logic Controllers I *	2.0
EET-056 Electronic Design/Fabrication	3.0	EET-081 Microcontroller Applications *	3.0
TEC-050 Technical Math I	2.0	EET-078 Linear Electronics *	3.0
TEC-052 Technical Math II *	2.0	SEMESTER TOTALS	16.0
SEMESTER TOTALS	17.0	Second Semester	
Second Semester		EET-080 R.F. Communications *	3.0
SPE-111 Intro to Speech Communication	3.0	EET-085 Electronic Projects *	2.0
--- --- Technical Elective	3.0	--- --- Technical Elective	4.5
HED-178 Responding to Emergencies or		PLC-040 Fund of Instrumentation	3.0
SFS-101 Strategies for Success	2.0	ENG-050 Writing for Industry	3.0
EET-076 Digital Logic *	3.0	SEMESTER TOTALS	15.5
EET-052 Solid State Devices *	4.0	TOTAL PROGRAM HOURS	65.5
TEC-054 Technical Math III *	2.0		
SEMESTER TOTALS	17.0		

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
 Email: counsel@lakelandcollege.edu

Faculty Contact: Michael Beavers
 Faculty Email: mbeavers@lakelandcollege.edu
 Faculty Phone: 217-234-5341

EMERGENCY MEDICAL SERVICES

(NDPEMS) CERTIFICATE

The certificate in Emergency Medical Services includes classroom, skills laboratory, hospital, and field clinical experiences.

The student is awarded a certificate upon successful completion of the program and will be eligible to take the Illinois Department of Public Health EMT- Basic licensing examination or the National Registry of EMTs examination.

Completion of the certificate in Emergency Medical Services does not guarantee licensure. There are some specific conditions for which the Department of Public Health may refuse licensure. Please consult with the Emergency Services Director to avoid license application hindrances.

This program is conducted in cooperation with Sarah Bush Lincoln Health Center and is approved by the Illinois Department of Public Health and Highway Safety. Students must complete a file with the Lake Land College Emergency Services office with the following items: current AHA BLS CPR for Healthcare Provider certification card, current driver's license or Illinois state picture ID, immunizations as required by The Illinois Department of Public Health for Healthcare Providers, high school diploma or GED equivalent, physical exam, background check, and drug test.

Program graduates are prepared for career opportunities in the field of emergency medical services, including urban and rural ambulance services and/or fire departments; industrial settings, clinical settings.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR

First

Semester	Hours
EMS-050 Emergency Medical Tech-Basic	7.5
SEMESTER TOTALS	7.5
TOTAL PROGRAM HOURS	7.5

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Jasmine Ballard

Faculty Email: jballard9365@lakelandcollege.edu

Faculty Phone: 217-234-5370

ENTREPRENEURSHIP

(NDP.ENTRE) CERTIFICATE

This program prepares students for ownership of their own business. Courses have been carefully chosen to give the student the solid informational base needed to succeed in business ownership. All courses satisfactorily completed in this certificate program will apply to the associate in applied science degree with a major in management.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First Semester	Hours
BUS-251 Principles of Management or	
BUS-290 Human Resource Management *	3.0
BUS-089 Small Business Management	3.0
BUS-090 Prin of Retailing ++++	3.0
BUS-200 Legal Environ/Business	3.0
BUS-095 Fundamentals of Accounting or	
BUS-096 Federal Tax Accounting	3.0
BUS-247 Principles of Marketing	3.0
SEMESTER TOTALS	18.0
TOTAL PROGRAM HOURS	18.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

++++ Course offered in summer term only

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: John Carpenter
Faculty Email: jcarpent@lakelandcollege.edu
Faculty Phone: 217-234-5347

ESTHETICS

(CRT.ESTH) CERTIFICATE

The Esthetics program meets the Illinois Department of Professional Regulation standard requirements pertaining to faculty qualifications, equipment, facilities, course content and contact hours. Entrance into the Esthetics program is fall semester only following a screening process. A total of 750 consecutive hours is required for completion of the program. In addition to tuition and service fees, Esthetic students will purchase uniforms, an esthetics kit and workbooks. To secure a state license as an esthetician, each student is required to take a written Illinois state board examination upon completion of the curriculum.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website.](#)

FIRST YEAR

First

Semester	Hours
COS-061 Computer Appl for Cosmetology	3.0
EST-041 Esthetics I +	6.5
EST-042 Esthetics II * +	6.5
SEMESTER TOTALS	16.0

Second

Semester

EST-043 Esthetics III * +++	6.0
EST-044 Esthetics IV * +++	6.0
COS-060 Salon Management	3.0
SEMESTER TOTALS	15.0

Summer

Term

EST-045 Esthetics V * ++++	6.0
SEMESTER TOTALS	6.0
TOTAL PROGRAM HOURS	37.0

+ Course only offered fall semester

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+++ Course only offered spring semester

++++ Course offered in summer term only

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Peggy Strange
Faculty Email: pstrange@lakelandcollege.edu
Faculty Phone: 217-234-5343

ESTHETICS-TRACK

(CRT.ESTH.TRK)

The Esthetics Certificate Track prepares the student for acceptance into the Esthetics program. Applicants are instructed to complete an Intent to Enroll with the CRT.ESTH.TRK major code. Students are counseled on admission requirements into the Esthetics program. Once accepted into the Esthetics program, the major code will be changed to CRT.ESTH.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website.](#)

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Peggy Strange
Faculty Email: pstrange@lakelandcollege.edu
Faculty Phone: 217-234-5343

GEOSPATIAL TECHNOLOGY

(NDP.GIS) CERTIFICATE

The Geospatial certificate program will provide students with the knowledge and practical skills necessary to develop and manage Geographic Information projects and to interpret and implement GIS as a decision support system. This certificate will enable students 1) to develop substantial theoretical and practical competencies relating to GIS; 2) develop foundational understanding and skills in the use of industry standard software; and 3) be able to demonstrate to employers the ability to perform GIS tasks at the technician level.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR	
First Semester	Hours
AGR-151 GPS/Applications in Ag + ^^ or	
CET-065 Data Collection GIS Mapping * +++	2.0
GIS-090 Intro to Geospatial Technology or	
ESC-106 Intro Geographic Info Systems ^^	4.0
GEO-140 World Geography	3.0
SEMESTER TOTALS	9.0
Second Semester	
GIS-091 Advanced GIS +++	3.0
CIS --- Information Technology Elective ^^	2.0
SEMESTER TOTALS	5.0
Summer Term	
GIS-095 Geospatial Tech Internship ** +++++	3.0
SEMESTER TOTALS	3.0
TOTAL PROGRAM HOURS	17.0

+ Course only offered fall semester
 ^^ Consult Academic Advisor for appropriate course
 * There are prerequisites, course requisites, or minimum placement test scores for this course.
 +++ Course only offered spring semester
 ** Electives must be approved by the Program Coordinator
 +++++ Course offered in summer term only

Call Counseling Services: 217-234-5232
 Email: counsel@lakelandcollege.edu

Faculty Contact: Mike Rudibaugh
 Faculty Email: mrudibau@lakelandcollege.edu
 Faculty Phone: 217-234-5244

SUGGESTED ELECTIVES	
CAD --- Computer Aided Drafting Elective	1.0
CIS-052 Visual Basic * +	4.0
CIS-095 Database Management *	3.0
CIS-156 Computer Logic *	3.0
CIS-160 Practical Software Application	3.0

GRAPHIC DESIGN

(AAS.DPGD) ASSOCIATE IN APPLIED SCIENCE

This program is designed to prepare graduates for careers requiring a solid knowledge of graphic design skills. Emphasis is placed on current graphic arts software for print and web page design techniques combined with marketing and the latest office technology trends. Students will design and create artwork for commercial publication and see the process through to print. Students may fill various positions as full-time graphic designers, desktop publishers, pre-press operators, or positions involving a blend of administrative office duties and graphic designing. Some students succeed as freelancers and open their own businesses. Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR			SECOND YEAR		
First			First		
Semester		Hours	Semester		Hours
CIS-088	Adobe Photoshop +	3.0	CIS-098	Advanced Desktop Skills * +	3.0
CIS-092	Adobe Illustrator +	3.0	CIS-056	Advanced Software Applications * +	3.0
CIS-099	Introduction to Web Technology	3.0	CIS-058	Spec Software Applications * +	3.0
CIS-160	Practical Software Applications	3.0	CIS-049	Content Management Systems * +	2.0
SFS-101	Strategies for Success	2.0	BUS-247	Principles of Marketing	3.0
BUS-094	Business Math	3.0	BUS-141	Business Communications	3.0
SEMESTER TOTALS		17.0	SEMESTER TOTALS		17.0
Second			Second		
Semester			Semester		
CIS-090	Adobe InDesign +++	3.0	BUS-060	Automated Office Procedures * +++	3.0
ITT-053	Digital Media Arts * +++	3.0	BUS-079	Professional Development +++	3.0
CIS-051	Designing for the Web * +++	3.0	CIS-047	Graphic Design Capstone * +++	3.0
BUS-114	Advanced Formatting *	3.0	ENG-095	Business English or	
ART-250	Understanding Art or		SPE-111	Intro to Speech Communication or	
ART-110	2-D Design	3.0	ENG-120	Composition I *	3.0
SEMESTER TOTALS		15.0	SOC-280	Introduction to Sociology or	
			PSY-271	Intro to Psychology	3.0
			SEMESTER TOTALS		15.0
			TOTAL PROGRAM HOURS		64.0

+ Course only offered fall semester

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Marcy Satterwhite

Faculty Email: msatterw@lakelandcollege.edu

Faculty Phone: 217-234-5359

HEATING, VENTILATING, AIR CONDITIONING AND REFRIGERATION

(CRT.HVAC) CERTIFICATE

This program prepares students to gain entry level employment in this industry. Students learn skills in installation, repair, and maintenance of commercial and residential heating and cooling units.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First

Semester	Hours
TEC-048 Applied Shop Computations	3.0
HVC-062 Intro to HVACR Electricity +	4.0
IND-043 Refrigeration Fundamentals +	4.0
HVC-066 Refrigeration II * +	4.0
SEMESTER TOTALS	15.0

Second

Semester

HVC-068 Air Conditioning I * +++	3.0
HVC-070 Air Conditioning II * +++	5.0
HVC-072 Heat Generating Systems * +++	5.0
TEC-059 Energy Management +++	2.0
SEMESTER TOTALS	15.0
TOTAL PROGRAM HOURS	30.0

+ Course only offered fall semester

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Kris Kersey
Faculty Email: kkersey@lakelandcollege.edu
Faculty Phone: 217-234-5304

HORTICULTURE

(AAS.HRT) ASSOCIATE IN APPLIED SCIENCE

The Horticulture degree is for students seeking advanced training within the green industry including greenhouse management, golf course management, landscape design, nursery management, and landscape construction. The 20 weeks of internship allow the student to specialize within the production or landscape areas.

Note: Those students that are considering transferring to a university should contact their advisor as soon as possible.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR		SECOND YEAR	
First		First	
Semester	Hours	Semester	Hours
HRT-201 Introduction to Horticulture +	3.0	HRT-076 Greenhouse Mgt and Production +	3.0
HRT-061 Woody Plants Identification +	3.0	HRT-081 Landscape Design +	3.0
HRT-082 Landscape Construction & Maint +	3.0	BIO-100 Bio Science I or	
AGR-040 Agricultural Mathematics or higher + or		BIO-130 Environmental Science	4.0
MAT-116 General Education Math *	2.5	ENG-120 Composition I * or	
AGR-050 Soils + or		ENG-098 Communications I +	3.0
AGR-205 Intro/Soil Science	3.5	PSY-271 Intr/Psychology or	
SEMESTER TOTALS	15.0	SOS-050 Human Relations	2.0
		SEMESTER TOTALS	15.0
Second		Second	
Semester		Semester	
HRT-063 Evergreen/Vines & Ground Cover +++	3.0	HRT-066 Turf Management +++	3.0
HRT-071 Herbaceous Perennial Plants +++	3.0	HRT-093 Sup Occupational Exp III *	3.0
HRT-091 Supervised Occupational Exp I *	3.5	--- --- HRT or AGR Elective **	2.0
AGR-111 Intro to Agriculture Software +++ or		POS-160 American National Government	3.0
AGR-112 Computer Applic/Agriculture +++	2.0	SPE-111 Intro to Speech Communication	3.0
--- --- HRT or AGR Elective **	2.0	SEMESTER TOTALS	14.0
HED-178 Responding to Emergencies	2.0	TOTAL PROGRAM HOURS	68.0
SEMESTER TOTALS	15.5		
Summer		SUGGESTED ELECTIVES	
Term		HRT-083 Landscape Des II-Layout/Graph +++	3.0
AGR-120 Agriculture Economics ++++ or		AGR-141 Introduction to Agroecology +++	3.0
AGR-207 Intro/Ag Economics	3.0	AGR-143 Organic Crop Production +++	3.0
HRT-072 Herbaceous Annual Plants ++++	3.0	AGR-145 Biological Pest Management	3.0
HRT-092 Supervised Occupational Exp II *	2.5	AGR-132 Retailing/Agri Supplies +++	2.0
SEMESTER TOTALS	8.5	AGR-133 Agriculture Salesmanship +++	2.5
		AGR-053 Integrated Pest Management ++++	3.0
		AGR-051 Soil Fertility +++	2.5
		HRT-062 Vegetable Crop Production	3.0

+ Course only offered fall semester

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+++ Course only offered spring semester

** Electives must be approved by the Program Coordinator

++++ Course offered in summer term only

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Dyke Barkley

Faculty Email: dbarkley@lakelandcollege.edu

Faculty Phone: 217-234-5569

HORTICULTURE

(CRT.HRT) CERTIFICATE

The Horticulture certificate is designed for students seeking educational training and employment in the industries of landscaping, greenhouse management, plant propagation, nursery management, golf course management and turf grass management. In addition to 33 credit hours of specialized courses in horticulture, business and soil science, students will receive 12 weeks of supervised occupational experience at approved internship locations.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First Semester	Hours
HRT-201 Introduction to Horticulture +	3.0
HRT-061 Woody Plants Identification +	3.0
HRT-076 Greenhouse Mgt and Production +	3.0
HRT-082 Landscape Construction & Maint +	3.0
AGR-040 Agricultural Mathematics +	2.5
AGR-050 Soils + or	
AGR-205 Intro/Soil Science	3.5
SEMESTER TOTALS	18.0
Second Semester	Hours
HRT-063 Evergreen/Vines & Ground Cover +++	3.0
HRT-066 Turf Management +++	3.0
HRT-081 Landscape Design +++	3.0
HRT-071 Herbaceous Perennial Plants +++	3.0
HRT-091 Supervised Occupational Exp I	3.5
SEMESTER TOTALS	15.5
Summer Term	Hours
HRT-072 Herbaceous Annual Plants ++++	3.0
HRT-092 Supervised Occupational Exp II	2.5
SEMESTER TOTALS	5.5
TOTAL PROGRAM HOURS	39.0

+ Course only offered fall semester

+++ Course only offered spring semester

++++ Course offered in summer term only

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Dyke Barkley

Faculty Email: dbarkley@lakelandcollege.edu

Faculty Phone: 217-234-5569

HUMAN SERVICES-BUSINESS

(AAS.HSP.BUS) ASSOCIATE IN APPLIED SCIENCE

The Human Services-Business area of concentration is for students interested in working at agencies that provide financial assistance, hospitality, and literacy programs, etc. Classroom training and field experience prepare graduates of the Human Services program to provide greatly needed services to people who require assistance. Upon completion of this program, students can either go directly to work or transfer to a University.

To be eligible for the field experience the following must be completed: 30 semester hours of the required curriculum, 2.0 GPA, Foundations of Human Services HSP103 and Social Welfare HSP 122. This program of study can lead to a bachelor's degree in family and consumer science, sociology, psychology, health studies or social work. Students should consult with an advisor during their first year regarding specific transfer curricula and electives course work to facilitate a transfer.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR		SECOND YEAR	
First		First	
Semester	Hours	Semester	Hours
ENG-120 Composition I *	3.0	HSP-055 Work Experience Seminar II *	1.0
PSY-271 Intr/Psychology	3.0	HSP-056 Field Experience II *	2.0
HSP-103 Foundations of Human Services	3.0	--- --- Area of Concentration	6.0
--- --- Mathematics (IAI M) or		--- --- Humanities and Fine Arts (IAI H)	3.0
--- --- Physical and Life Sciences (IAI P or IAI L)	3.0	--- --- Elective	3.0
HED-200 Principles of Health	3.0	SEMESTER TOTALS	15.0
SEMESTER TOTALS	15.0	Second	
Second		Semester	
Semester		Option	
ENG-121 Composition II * or		A	
SPE-111 Intro to Speech Communication	3.0	HSP-057 Work Experience Seminar III *	1.0
HSP-122 Social Welfare	3.0	HSP-058 Field Experience III *	2.0
CIS-160 Practical Software Application	3.0	--- --- Area of Concentration	3.0
HED-178 Responding to Emergencies	2.0	--- --- Electives	8.0
--- --- Area of Concentration	3.0	Option	
SEMESTER TOTALS	14.0	B	
Summer		--- --- Area of Concentration	3.0
Term		--- --- Electives	11.0
HSP-053 Work Experience Seminar I *	1.0	SEMESTER TOTALS	14.0
HSP-054 Field Experience I *	2.0	TOTAL PROGRAM HOURS	64.0
--- --- Area of Concentration	3.0		
SEMESTER TOTALS	6.0	SUGGESTED ELECTIVES	
		PHI-280 Ethics	3.0
		ECO-130 The American Economy	3.0
		SPE-200 Interpersonal Communication	3.0
		SPE-213 Intro/Group Discussion *	3.0
		SPE-220 Persuasive Speaking *	3.0
		SFS-101 Strategies for Success	2.0
		BUS-141 Business Communications *	3.0
		HSP-065 Intro to Substance Abuse	3.0
		ENG-110 Manual Comm-Deaf	3.0
		ENG-111 Advanced Signing *	3.0
		POS-160 American National Government	3.0
		ECE-052 Heads Up! Reading	3.0
		CIS-101 Internet Systems/Applications	2.0
		CIS-090 Adobe InDesign	3.0
		CIS-054 PowerPoint	2.0
		CIS-099 Web Page Design	3.0
		CIS-094 Excel	2.0
		CIS-093 Access	2.0
		CIS-055 Word	2.0
		AREA OF CONCENTRATION	
		BUS-151 Financial Accounting *	3.0
		BUS-152 Managerial Accounting *	3.0
		BUS-200 Legal Environ/Business	3.0
		ECO-231 Principles of Econ I (Macro)	3.0
		PSY-279 Human Dev/Life Span	3.0

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Helen Hendren
Faculty Email: hhendren@lakelandcollege.edu
Faculty Phone: 217-234-5409

The Human Services student has the opportunity to choose from seven areas of concentration: business, dietetics, education, health, criminal justice, psychology and sociology. Fifteen semester hours are required from one of the seven areas to complete the program. All electives must be approved by program coordinator. General Education courses can be used as elective credit. Electives: need 11 credit hours if complete Field Experience III need 14 credit hours if do not complete Field Experience III. Courses listed under areas of concentration can also be used as electives. Computer courses can be used as electives with a maximum of up to 6 hours.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

HUMAN SERVICES - CRIMINAL JUSTICE

(AAS.HSP.CRJ) ASSOCIATE IN APPLIED SCIENCE

The Human Services-Criminal Justice area of concentration is for students interested in working at agencies such as substance abuse, probation, and correctional centers, etc. Classroom training and field experience prepare graduates of the Human Services program to provide greatly needed services to people who require assistance. Upon completion of this program, students can either go directly to work or transfer to a University.

To be eligible for the field experience the following must be completed: 30 semester hours of the required curriculum, 2.0 GPA, Foundations of Human Services HSP103 and Social Welfare HSP 122. This program of study can lead to a bachelor's degree in family and consumer science, sociology, psychology, health studies or social work. Students should consult with an advisor during their first year regarding specific transfer curricula and electives course work to facilitate a transfer.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR	
First Semester	
ENG-120 Composition I *	3.0
PSY-271 Intr/Psychology	3.0
HSP-103 Foundations of Human Services	3.0
--- --- Mathematics (IAI M) or	
--- --- Physical and Life Sciences (IAI P or IAIL)	3.0
HED-200 Principles of Health	3.0
SEMESTER TOTALS	15.0
Second Semester	
ENG-121 Composition II * or	
SPE-111 Intro to Speech Communication	3.0
HSP-122 Social Welfare	3.0
CIS-160 Practical Software Application	3.0
HED-178 Responding to Emergencies	2.0
--- --- Area of Concentration	3.0
SEMESTER TOTALS	14.0
Summer Term	
HSP-053 Work Experience Seminar I *	1.0
HSP-054 Field Experience I *	2.0
--- --- Area of Concentration	3.0
SEMESTER TOTALS	6.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Helen Hendren
Faculty Email: hhendren@lakelandcollege.edu
Faculty Phone: 217-234-5409

SECOND YEAR	
First Semester	
HSP-055 Work Experience Seminar II *	1.0
HSP-056 Field Experience II *	2.0
--- --- Area of Concentration	6.0
--- --- Humanities and Fine Arts (IAI H)	3.0
--- --- Elective	3.0
SEMESTER TOTALS	15.0
Second Semester	
Option A	
HSP-057 Work Experience Seminar III *	1.0
HSP-058 Field Experience III *	2.0
--- --- Area of Concentration	3.0
--- --- Electives	8.0
Option B	
--- --- Area of Concentration	3.0
--- --- Electives	11.0
SEMESTER TOTALS	14.0
TOTAL PROGRAM HOURS	64.0

SUGGESTED ELECTIVES	
PHI-280 Ethics	3.0
ECO-130 The American Economy	3.0
SPE-200 Interpersonal Communication	3.0
SPE-213 Intro/Group Discussion *	3.0
SPE-220 Persuasive Speaking *	3.0
SFS-101 Strategies for Success	2.0
BUS-141 Business Communications *	3.0
HSP-065 Intro to Substance Abuse	3.0
ENG-110 Manual Comm-Deaf	3.0
ENG-111 Advanced Signing *	3.0
POS-160 American National Government	3.0
ECE-052 Heads Up! Reading	3.0
CIS-101 Internet Systems/Applications	2.0
CIS-090 InDesign	3.0
CIS-054 PowerPoint	2.0
CIS-099 Web Page Design	3.0
CIS-094 Excel	2.0
CIS-093 Access	2.0

AREA OF CONCENTRATION	
CJS-166 Corrections	3.0
CJS-152 Criminal Investigation I	3.0
CJS-160 Criminal Evidence & Procedure *	3.0
CJS-158 Juvenile Justice	3.0
CJS-150 Intro/Criminal Just	3.0
CJS-156 Criminal Law	3.0
HSP-120 Introduction to Social Work	3.0

The Human Services student has the opportunity to choose from seven areas of concentration: business, dietetics, education, health, criminal justice, psychology and sociology. Fifteen semester hours are required from one of the seven areas to complete the program. All electives must be approved by program coordinator. General Education courses can be used as elective credit. Electives: need 11 credit hours if complete Field Experience III need 14 credit hours if do not complete Field Experience III. Courses listed under areas of concentration can also be used as electives. Computer courses can be used as electives up to a maximum of 6 hours.

HUMAN SERVICES-DIETETICS

(AAS.HSP.DIT) ASSOCIATE IN APPLIED SCIENCE

The Human Services-Dietetics area of concentration is for students interested in working at agencies such as dietary aid in residential facilities, health departments and hospitals. Classroom training and field experience prepare graduates of the Human Services program to provide greatly needed services to people who require assistance. Upon completion of this program, students can either go directly to work or transfer to a University.

To be eligible for the field experience the following must be completed: 30 semester hours of the required curriculum, 2.0 GPA, Foundations of Human Services HSP103 and Social Welfare HSP 122. This program of study can lead to a bachelor's degree in family and consumer science, sociology, psychology, health studies or social work. Students should consult with an advisor during their first year regarding specific transfer curricula and electives course work to facilitate a transfer.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR	
First	
Semester	Hours
ENG-120 Composition I *	3.0
PSY-271 Intr/Psychology	3.0
HSP-103 Foundations of Human Services	3.0
--- --- Mathematics (IAI M) or	
--- --- Physical and Life Sciences (IAI P or IAIL)	3.0
HED-200 Principles of Health	3.0
SEMESTER TOTALS	15.0
Second	
Semester	
ENG-121 Composition II * or	
SPE-111 Intro to Speech Communication	3.0
HSP-122 Social Welfare	3.0
CIS-160 Practical Software Application	3.0
HED-178 Responding to Emergencies	2.0
--- --- Area of Concentration	3.0
SEMESTER TOTALS	14.0
Summer	
Term	
HSP-053 Work Experience Seminar I *	1.0
HSP-054 Field Experience I *	2.0
--- --- Area of Concentration	3.0
SEMESTER TOTALS	6.0

Faculty Contact: Helen Hendren
Faculty Email: hhendren@lakelandcollege.edu
Faculty Phone: 217-234-5409

SECOND YEAR	
First	
Semester	Hours
HSP-055 Work Experience Seminar II *	1.0
HSP-056 Field Experience II *	2.0
--- --- Area of Concentration	6.0
--- --- Humanities and Fine Arts (IAI H)	3.0
--- --- Elective	3.0
SEMESTER TOTALS	15.0
Second	
Semester	
Option A	
HSP-057 Work Experience Seminar III *	1.0
HSP-058 Field Experience III *	2.0
--- --- Area of Concentration	3.0
--- --- Electives	8.0
Option B	
--- --- Area of Concentration	3.0
--- --- Electives	11.0
SEMESTER TOTALS	14.0
TOTAL PROGRAM HOURS	64.0

SUGGESTED ELECTIVES	
PHI-280 Ethics	3.0
ECO-130 The American Economy	3.0
SPE-200 Interpersonal Communication	3.0
SPE-213 Intro/Group Discussion *	3.0
SPE-220 Persuasive Speaking *	3.0
SFS-101 Strategies for Success	2.0
BUS-141 Business Communications *	3.0
HSP-065 Intro to Substance Abuse	3.0
ENG-110 Manual Comm-Deaf	3.0
ENG-111 Advanced Signing *	3.0
POS-160 American National Government	3.0
ECE-052 Heads Up! Reading	3.0
CIS-101 Internet Systems/Applications	2.0
CIS-090 Adobe InDesign	3.0
CIS-054 PowerPoint	2.0
CIS-099 Web Page Design	3.0
CIS-094 Excel	2.0
CIS-093 Access	2.0
CIS-055 Word	2.0

AREA OF CONCENTRATION	
HED-046 Food Service Sanitation	2.0
HED-102 Nutrition	3.0
BUS-151 Financial Accounting *	3.0
HSP-120 Introduction to Social Work	3.0
CHM-151 General Chemistry II *	4.0

The Human Services student has the opportunity to choose from seven areas of concentration: business, dietetics, education, health, business, dietetics, criminal justice, psychology and sociology. Fifteen semester hours are required from one of the seven areas to complete the program. All electives must be approved by program coordinator. General Education courses can be used as elective credit. Electives: need 11 credit hours if complete Field Experience III need 14 credit hours if do not complete Field Experience III. Courses listed under areas of concentration can also be used as electives. Computer courses can be used as electives with a maximum of up to 6 hours.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

HUMAN SERVICES - EDUCATION

(AAS.HSP.EDU) ASSOCIATE IN APPLIED SCIENCE

The Human Services-Education area of concentration is for students interested in working at agencies such as day cares, schools, and day treatment facilities. Classroom training and field experience prepare graduates of the Human Services program to provide greatly needed services to people who require assistance. Upon completion of this program, students can either go directly to work or transfer to a University.

To be eligible for the field experience the following must be completed: 30 semester hours of the required curriculum, 2.0 GPA, Foundations of Human Services HSP 103 and Social Welfare HSP 122. This program of study can lead to a bachelor's degree in family and consumer science, sociology, psychology, health studies or social work. Students should consult with an advisor during their first year regarding specific transfer curricula and electives course work to facilitate a transfer.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR	
First Semester	
ENG-120 Composition I *	3.0
PSY-271 Intr/Psychology	3.0
HSP-103 Foundations of Human Services	3.0
--- --- Mathematics (IAI M) or	
--- --- Physical and Life Sciences (IAI P or IAIL)	3.0
HED-200 Principles of Health	3.0
SEMESTER TOTALS	15.0
Second Semester	
ENG-121 Composition II * or	
SPE-111 Intro to Speech Communication	3.0
HSP-122 Social Welfare	3.0
CIS-160 Practical Software Application	3.0
HED-178 Responding to Emergencies	2.0
--- --- Area of Concentration	3.0
SEMESTER TOTALS	14.0
Summer Term	
HSP-053 Work Experience Seminar I *	1.0
HSP-054 Field Experience I *	2.0
--- --- Area of Concentration	3.0
SEMESTER TOTALS	6.0

The Human Services student has the opportunity to choose from seven areas of concentration: business, dietetics, education, health, business, dietetics, criminal justice, psychology and sociology. Fifteen semester hours are required from one of the seven areas to complete the program. All electives must be approved by program coordinator. General Education courses can be used as elective credit. Electives: need 11 credit hours if complete Field Experience III need 14 credit hours if do not complete Field Experience III. Courses listed under areas of concentration can also be used as electives. Computer courses can be used as electives with a maximum of up to 6 hours.

* There are prerequisites, course requisites, or minimum placement test scores for this course.
 ^^^ Course requires a 30-hour practicum experience in addition to classroom lecture hours

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Helen Hendren
Faculty Email: hhendren@lakelandcollege.edu
Faculty Phone: 217-234-5409

SECOND YEAR	
First Semester	
HSP-055 Work Experience Seminar II *	1.0
HSP-056 Field Experience II *	2.0
--- --- Area of Concentration	6.0
--- --- Humanities and Fine Arts (IAI H)	3.0
--- --- Elective	3.0
SEMESTER TOTALS	15.0
Second Semester	
Option A	
HSP-057 Work Experience Seminar III *	1.0
HSP-058 Field Experience III *	2.0
--- --- Area of Concentration	3.0
--- --- Electives	8.0
Option B	
--- --- Area of Concentration	3.0
--- --- Electives	11.0
SEMESTER TOTALS	14.0
TOTAL PROGRAM HOURS	64.0

SUGGESTED ELECTIVES	
PHI-280 Ethics	3.0
ECO-130 The American Economy	3.0
SPE-200 Interpersonal Communication	3.0
SPE-213 Intro/Group Discussion *	3.0
SPE-220 Persuasive Speaking *	3.0
SFS-101 Strategies for Success	2.0
BUS-141 Business Communications *	3.0
HSP-065 Intro to Substance Abuse	3.0
ENG-110 Manual Comm-Deaf	3.0
ENG-111 Advanced Signing *	3.0
POS-160 American National Government	3.0
ECE-052 Heads Up! Reading	3.0
CIS-101 Internet Systems/Applications	2.0
CIS-090 InDesign	3.0
CIS-054 PowerPoint	2.0
CIS-099 Web Page Design	3.0
CIS-094 Excel	2.0
CIS-093 Access	2.0
CIS-055 Word	2.0

AREA OF CONCENTRATION	
EDU-100 Introduction to Education ^^^	3.0
EDU-103 Teaching/Learning W/Technology *	3.0
EDU-190 Introduction/Special Education	3.0
EDU-200 Educational Psychology	3.0
ECE-083 Instructional Methods	3.0
ECE-110 Child Behavior Management	3.0
ECE-095 Creative Activities/Children	4.0
PED-172 Bsc Act Elem/Sec Child	2.0
PSY-274 Child Development	3.0
EDU-210 Diversity/Schools & Societies	3.0
HSP-120 Introduction to Social Work	3.0

HUMAN SERVICES - HEALTH

(AAS.HSP.HEA) ASSOCIATE IN APPLIED SCIENCE

The Human Services-Health area of concentration is for students interested in working at agencies such as, health departments, residential facilities, and special education classrooms. Classroom training and field experience prepare graduates of the Human Services program to provide greatly needed services to people who require assistance. Upon completion of this program, students can either go directly to work or transfer to a University.

To be eligible for the field experience the following must be completed: 30 semester hours of the required curriculum, 2.0 GPA, Foundations of Human Services HSP103 and Social Welfare HSP 122. This program of study can lead to a bachelor's degree in family and consumer science, sociology, psychology, health studies or social work. Students should consult with an advisor during their first year regarding specific transfer curricula and electives course work to facilitate a transfer.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR			SECOND YEAR		
First Semester			First Semester		
ENG-120	Composition I *	3.0	HSP-055	Work Experience Seminar II *	1.0
PSY-271	Intr/Psychology	3.0	HSP-056	Field Experience II *	2.0
HSP-103	Foundations of Human Services	3.0	---	Area of Concentration	6.0
---	Mathematics (IAI M) or		---	Humanities and Fine Arts (IAI H)	3.0
---	Physical and Life Sciences (IAI P or IAIL)	3.0	---	Elective	3.0
HED-200	Principles of Health	3.0	SEMESTER TOTALS		
SEMESTER TOTALS		15.0	15.0		
Second Semester			Second Semester		
ENG-121	Composition II * or		Option A		
SPE-111	Intro to Speech Communication	3.0	HSP-057	Work Experience Seminar III *	1.0
HSP-122	Social Welfare	3.0	HSP-058	Field Experience III *	2.0
CIS-160	Practical Software Application	3.0	---	Area of Concentration	3.0
HED-178	Responding to Emergencies	2.0	---	Electives	8.0
---	Area of Concentration	3.0	Option B		
SEMESTER TOTALS		14.0	---	Area of Concentration	3.0
Summer Term			---	Electives	11.0
HSP-053	Work Experience Seminar I *	1.0	SEMESTER TOTALS		
HSP-054	Field Experience I *	2.0	14.0		
---	Area of Concentration	3.0	TOTAL PROGRAM HOURS		
SEMESTER TOTALS		6.0	64.0		

The Human Services student has the opportunity to choose from seven areas of concentration: business, dietetics, education, health, criminal justice, psychology and sociology. Fifteen semester hours are required from one of the seven areas to complete the program. All electives must be approved by program coordinator. General Education courses can be used as elective credit. Electives: need 11 credit hours if complete Field Experience III need 14 credit hours if do not complete Field Experience III. Courses listed under areas of concentration can also be used as electives. Computer courses can be used as electives with a maximum of up to 6 hours.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Helen Hendren
Faculty Email: hhendren@lakelandcollege.edu
Faculty Phone: 217-234-5409

SUGGESTED ELECTIVES

PHI-280	Ethics	3.0
ECO-130	The American Economy	3.0
SPE-200	Interpersonal Communication	3.0
SPE-213	Intro/Group Discussion *	3.0
SPE-220	Persuasive Speaking *	3.0
SFS-101	Strategies for Success	2.0
BUS-141	Business Communications *	3.0
HSP-065	Intro to Substance Abuse	3.0
ENG-110	Manual Comm-Deaf	3.0
ENG-111	Advanced Signing *	3.0
POS-160	American National Government	3.0
ECE-052	Heads Up! Reading	3.0
CIS-101	Internet Systems/Applications	2.0
CIS-090	InDesign	3.0
CIS-054	PowerPoint	2.0
CIS-099	Web Page Design	3.0
CIS-094	Excel	2.0
CIS-093	Access	2.0
CIS-055	Word	2.0

AREA OF CONCENTRATION

AHE-040	Basic Nurse Assisting	8.0
AHE-041	Medical Terminology	3.0
AHE-042	Advanced Medical Terminology	3.0
ECE-102	Health/Safety/Nutri/Yng Child	3.0
EMS-050	Emergency Medical Tech-Basic *	6.0
HED-270	Community Health	3.0
HED-102	Nutrition	3.0
HED-290	Disease Processes *	2.0
PED-285	Fitness for Life	3.0
HSP-120	Introduction to Social Work	3.0

HUMAN SERVICES - PSYCHOLOGY

(AAS.HSP.PSY) ASSOCIATE IN APPLIED SCIENCE

The Human Services-Psychology area of concentration is designed to prepare students with skills to work in a variety of settings such as homes for the developmentally disabled, activity-psychosocial areas of senior residential homes, special education schools, state agencies, correctional centers, probation offices, social service areas of hospitals and mental health facilities. Classroom training and field experience prepare graduates of the Human Services program to provide greatly needed services to people who require assistance. Upon completion of this program, students can either go directly to work or transfer to a University.

To be eligible for the field experience the following must be completed: 30 semester hours of the required curriculum, 2.0 GPA, Foundations of Human Services HSP103 and Social Welfare HSP 122. This program of study can lead to a bachelor's degree in family and consumer science, sociology, psychology, health studies or social work. Students should consult with an advisor during their first year regarding specific transfer curricula and electives course work to facilitate a transfer.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR			SECOND YEAR		
First Semester			First Semester		
ENG-120 Composition I *	3.0		HSP-055 Work Experience Seminar II *	1.0	
PSY-271 Intr/Psychology	3.0		HSP-056 Field Experience II *	2.0	
HSP-103 Foundations of Human Services	3.0		--- --- Area of Concentration	6.0	
--- --- Mathematics (IAI M) or			--- --- Humanities and Fine Arts (IAI H)	3.0	
--- --- Physical and Life Sciences (IAI P or IAI L)	3.0		--- --- Elective	3.0	
HED-200 Principles of Health	3.0		SEMESTER TOTALS	15.0	
SEMESTER TOTALS	15.0		Second Semester		
Second Semester			Option A		
ENG-121 Composition II * or			HSP-057 Work Experience Seminar III *	1.0	
SPE-111 Intro to Speech Communication	3.0		HSP-058 Field Experience III *	2.0	
HSP-122 Social Welfare	3.0		PSY-273 Abnormal Psychology * --- ---	3.0	
---			PSY-277 Social Psychology * --- ---	3.0	
---			HSP-120 Introduction to Social Work	3.0	
SEMESTER TOTALS	14.0		B		
Summer Term			--- --- Area of Concentration	3.0	
HSP-053 Work Experience Seminar I *	1.0		--- --- Electives	11.0	
HSP-054 Field Experience I *	2.0		SEMESTER TOTALS	14.0	
--- --- Area of Concentration	3.0		TOTAL PROGRAM HOURS	64.0	
SEMESTER TOTALS	6.0		SUGGESTED ELECTIVES		
			PHI-280 Ethics	3.0	
			ECO-130 The American Economy	3.0	
			SPE-200 Interpersonal Communication	3.0	
			SPE-213 Intro/Group Discussion *	3.0	
			SPE-220 Persuasive Speaking *	3.0	
			SFS-101 Strategies for Success	2.0	
			BUS-141 Business Communications *	3.0	
			HSP-065 Intro to Substance Abuse	3.0	
			ENG-110 Manual Comm-Deaf	3.0	
			ENG-111 Advanced Signing *	3.0	
			POS-160 American National Government	3.0	
			ECE-052 Heads Up! Reading	3.0	
			CIS-101 Internet Systems/Applications	2.0	
			CIS-090 InDesign	3.0	
			CIS-054 PowerPoint	2.0	
			CIS-099 Web Page Design	3.0	
			CIS-094 Excel	2.0	
			CIS-093 Access	2.0	
			CIS-055 Word	2.0	
			AREA OF CONCENTRATION		
			ECE-110 Child Behavior Management	3.0	
			HSP-101 Dynamics of Domestic Violence	3.0	
			HSP-102 Behavior Management	3.0	
			SOC-280 Introduction to Sociology	3.0	
			SOS-235 Death and Dying	3.0	
			PSY-275 Psych of Maturity and Old Age *	3.0	
			PSY-274 Child Development	3.0	
			SOC-290 Sociology of Family	3.0	
			PSY-279 Human Dev/Life Span	3.0	

The Human Services student has the opportunity to choose from seven areas of concentration: business, dietetics, education, health, criminal justice, psychology and sociology. Fifteen semester hours are required from one of the seven areas to complete the program. All electives must be approved by program coordinator. General Education courses can be used as elective credit. Electives: need 11 credit hours if complete Field Experience III need 14 credit hours if do not complete Field Experience III. Courses listed under areas of concentration can also be used as electives. Computer courses can be used as electives with a maximum of up to 6 hours.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Helen Hendren
Faculty Email: hhendren@lakelandcollege.edu
Faculty Phone: 217-234-5409

HUMAN SERVICES - SOCIOLOGY

(AAS.HSP.SOC) ASSOCIATE IN APPLIED SCIENCE

The Human Services-Sociology area of concentration is designed to prepare students with skills to work in a variety of settings such as homes for the developmentally disabled, activity-psychosocial areas of senior residential homes, special education schools, state agencies, correctional centers, probation offices, social service areas of hospitals and mental health facilities. Classroom training and field experience prepare graduates of the Human Services program to provide greatly needed services to people who require assistance. Upon completion of this program, students can either go directly to work or transfer to a University.

To be eligible for the field experience the following must be completed: 30 semester hours of the required curriculum, 2.0 GPA, Foundations of Human Services HSP103 and Social Welfare HSP 122. This program of study can lead to a bachelor's degree in family and consumer science, sociology, psychology, health studies or social work. Students should consult with an advisor during their first year regarding specific transfer curricula and electives course work to facilitate a transfer.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR		SECOND YEAR	
First Semester		First Semester	
ENG-120 Composition I *	3.0	HSP-055 Work Experience Seminar II *	1.0
PSY-271 Intr/Psychology	3.0	HSP-056 Field Experience II *	2.0
HSP-103 Foundations of Human Services	3.0	-- --- Area of Concentration	6.0
--- --- Mathematics (IAI M) or		--- --- Humanities and Fine Arts (IAI H)	3.0
--- --- Physical and Life Sciences (IAI P or IAI L)	3.0	--- --- Elective	3.0
HED-200 Principles of Health	3.0	SEMESTER TOTALS	15.0
SEMESTER TOTALS	15.0	Second Semester	
Second Semester		Option A	
ENG-121 Composition II * or		HSP-057 Work Experience Seminar III *	1.0
SPE-111 Intro to Speech Communication	3.0	HSP-058 Field Experience III *	2.0
HSP-122 Social Welfare	3.0	--- --- Area of Concentration	3.0
CIS-160 Practical Software Application	3.0	--- --- Electives	8.0
HED-178 Responding to Emergencies	2.0	Option B	
--- --- Area of Concentration	3.0	--- --- Area of Concentration	3.0
SEMESTER TOTALS	14.0	--- --- Electives	11.0
Summer Term		SEMESTER TOTALS	14.0
HSP-053 Work Experience Seminar I *	1.0	TOTAL PROGRAM HOURS	64.0
HSP-054 Field Experience I *	2.0	SUGGESTED ELECTIVES	
--- --- Area of Concentration	3.0	PHI-280 Ethics	3.0
SEMESTER TOTALS	6.0	ECO-130 The American Economy	3.0
AREA OF CONCENTRATION			
ANT-200 General Anthropology 3.0			
CJS-150 Intro/Criminal Just 3.0			
SOC-280 Introduction to Sociology 3.0			
SOC-282 Social Problems 3.0			
SOC-284 Sociology/Deviant Behavior * 3.0			
SOC-286 Racial and Ethnic Groups * 3.0			
HSP-120 Introduction to Social Work 3.0			

The Human Services student has the opportunity to choose from seven areas of concentration: business, dietetics, education, health, criminal justice, psychology and sociology. Fifteen semester hours are required from one of the seven areas to complete the program. All electives must be approved by program coordinator. General Education courses can be used as elective credit. Electives: need 11 credit hours if complete Field Experience III need 14 credit hours if do not complete Field Experience III. Courses listed under areas of concentration can also be used as electives. Computer courses can be used as electives with a maximum of up to 6 hours.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Helen Hendren
Faculty Email: hhendren@lakelandcollege.edu
Faculty Phone: 217-234-5409

INFORMATION TECHNOLOGY

IT-COMPUTER APPLICATIONS

(AAS.ITAPS) ASSOCIATE IN APPLIED SCIENCE

The concentration in Computer Applications provides students with entry-level skills necessary to work as a help-desk technician, software trainer or other computer professional. The student will be provided with a well-rounded computer curriculum featuring courses in application and graphics software, hardware, internet, web page design, networking, and programming.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR			SECOND YEAR		
First Semester		Hours	First Semester		Hours
CIS-156	Computer Logic	3.0	CIS-056	Advanced Software Applications * +	3.0
CIS-160	Practical Software Application	3.0	CIS-095	Database Management * +	3.0
CIS-071	Introduction to Networking or		CIS-060	Project Management	2.0
CIS-101	Internet Systems/Applications	2.0	CIS-052	Visual Basic * +	4.0
SFS-101	Strategies for Success or		CIS-088	Adobe Photoshop	3.0
PED ---	P.E. Elective or		CIS-092	Adobe Illustrator	3.0
HED ---	Health Elective	2.0		SEMESTER TOTALS	18.0
CIS-099	Introduction to Web Technology	3.0		Second Semester	
ENG-120	Composition I *	3.0	CIS-074	IT Seminar *	1.0
	SEMESTER TOTALS	16.0	ITT-041	IT Computer Apps Degree Internship *	2.0
	Second Semester		CIS-049	Content Management Systems *	2.0
SPE-111	Intro to Speech Communication	3.0	CIS or	Electives **	7.0
CIS-093	Access	2.0	ITT		
CIS-094	Excel	2.0	PSY-271	Intr/Psychology or	
ITT-071	Web Scripting I * +++	3.0	--- ---	Social Science Elective	3.0
MAT-090	Math for Computer Applications * +++ or		ECO-231	Principles of Econ I (Macro) or	
MAT 1--	Math Elective *	3.0	--- ---	Social Science Elective	3.0
BUS-142	Introduction to Business	3.0		SEMESTER TOTALS	18.0
	SEMESTER TOTALS	16.0		TOTAL PROGRAM HOURS	68.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+++ Course only offered spring semester

+ Course only offered fall semester

** Electives must be approved by the Program Coordinator

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Angela Davison

Faculty Email: adavison@lakelandcollege.edu

Faculty Phone: 217-234-5414

INFORMATION TECHNOLOGY

IT-COMPUTER APPLICATIONS

(CRT.ITAPS) CERTIFICATE

The certificate in Computer Applications lays the foundation for entry level work as a help desk assistant or computer user. The course work is spread among the various information technology concentrations and allows for future completion of any of the IT degrees.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First

Semester	Hours
CIS-156 Computer Logic	3.0
CIS-160 Practical Software Application	3.0
CIS-099 Introduction to Web Technology	3.0
CIS-071 Introduction to Networking or	
CIS-101 Internet Systems/Applications	2.0
CIS-094 Excel	2.0
CIS-088 Adobe Photoshop	3.0
SEMESTER TOTALS	16.0

Second

Semester	Hours
CIS-093 Access	2.0
CIS-056 Advanced Software Applications * +	3.0
CIS-052 Visual Basic * +	4.0
ITT-040 IT Computer Apps Cert Internship *	1.0
CIS or ITT Electives **	4.0
SEMESTER TOTALS	14.0
TOTAL PROGRAM HOURS	30.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+ Course only offered fall semester

** Electives must be approved by the Program Coordinator

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Angela Davison

Faculty Email: adavison@lakelandcollege.edu

Faculty Phone: 217-234-5414

INFORMATION TECHNOLOGY

IT-COMPUTER GAME DEVELOPMENT

(CRT.ITGD) CERTIFICATE

The certificate in Computer Game Development trains students in all phases of the game development process. Coursework includes design, programming, 2D and 3D animation and art. The certificate allows for some flexibility to add other specialty classes as well.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First

Semester	Hours
CIS-156 Computer Logic	3.0
CIS-062 Computer Game Development	3.0
CIS-063 3-D Computer Animation +++	3.0
ITT-053 Digital Media Arts +++	3.0
--- --- IT Elective **	2.0
SEMESTER TOTALS	14.0

Second

Semester	Hours
ITT-066 Indie Game Development Lab	3.0
CIS-162 Object-Oriented Programming I * +++	3.0
CIS-065 Adv Game Development *	3.0
CIS-069 Adv Animation and Modeling *	3.0
ITT-050 IT Game Dev Cert Internship *	1.0
--- --- IT Elective **	3.0
SEMESTER TOTALS	16.0
TOTAL PROGRAM HOURS	30.0

** Electives must be approved by the Program Coordinator

+++ Course only offered spring semester

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Scott Rhine

Faculty Email: srhine@lakelandcollege.edu

Faculty Phone: 217-234-5353

INFORMATION TECHNOLOGY

IT-DIGITAL MEDIA SPECIALIST

(CRT.ITDMS) CERTIFICATE

The certificate in Digital Media trains a student to work at the nexus of web development, movie production and broadcast TV production. The skills required for complete development of a video production from concept to completed broadcast over the air or on the web will be covered.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First

Semester	Hours
RTV-180 Basic TV Production	3.0
CIS-099 Introduction to Web Technology	3.0
CIS-066 Digital Video Production +	3.0
ITT-053 Digital Media Arts +++	3.0
--- --- IT Elective **	3.0
SEMESTER TOTALS	15.0

Second

Semester	Hours
CIS-067 Adv Digital Video Production *	3.0
CIS-063 3-D Computer Animation +++	3.0
ITT-048 IT Digital Media Cert Intern *	1.0
ITT-068 Digital Video Effects *	3.0
CIS-049 Content Management Systems	2.0
--- --- IT Elective **	4.0
SEMESTER TOTALS	16.0
TOTAL PROGRAM HOURS	31.0

+ Course only offered fall semester

+++ Course only offered spring semester

** Electives must be approved by the Program Coordinator

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Scott Rhine

Faculty Email: srhine@lakelandcollege.edu

Faculty Phone: 217-234-5353

INFORMATION TECHNOLOGY

IT-NETWORK ADMINISTRATION

(AAS.ITNET) ASSOCIATE IN APPLIED SCIENCE

The concentration in Network Administration provides an intensive course of study that prepares a student to work in a business environment while maintaining or administering a microcomputer network. The core required classes cover general areas in information technology and the concentration classes cover both the physical network and operating system environment in great detail. Many of the classes can be used as preparation for various hardware, networking, and OS certifications from Microsoft, CompTIA, Cisco and others.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR			SECOND YEAR		
First Semester			First Semester		
CIS-160	Practical Software Application	3.0	CIS-084	Server Operating Systems *	3.0
CIS-099	Introduction to Web Technology	3.0	CIS-087	TCP/IP and Routing * +	3.0
CIS-156	Computer Logic	3.0	CIS-073	Survey of Operating Systems +	3.0
EET-060	Computer Hardware	3.0	CIS-070	Network Security * +	3.0
SFS-101	Strategies for Success or		PSY-271	Intr/Psychology or	
PED ---	P.E. Elective or		--- ---	Social Science Elective **	3.0
HED ---	Health Elective	2.0	BUS-142	Introduction to Business	3.0
--- ---	IT Elective	2.0		SEMESTER TOTALS	18.0
	SEMESTER TOTALS	16.0		Second Semester	
Second Semester			Second Semester		
CIS-079	Client Operating System	3.0	CIS-085	Adv Server Operating System *	3.0
CIS-081	Networking Essentials	3.0	CIS-089	Advanced Routing * +++	3.0
CIS-060	Project Management +	2.0	CIS-053	Wireless Networking * +++	3.0
MAT-090	Math for Computer Applications * or		CIS-074	IT Seminar	1.0
MAT 1--	Math Elective *	3.0	ITT-043	IT Net Admin Degree Internship *	2.0
SPE-111	Intro to Speech Communication	3.0	ECO-231	Principles of Econ I (Macro) or	
ENG-120	Composition I *	3.0	--- ---	Social Science Elective	3.0
	SEMESTER TOTALS	17.0	--- ---	IT Elective **	2.0
				SEMESTER TOTALS	17.0
				TOTAL PROGRAM HOURS	68.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+ Course only offered fall semester

** Electives must be approved by the Program Coordinator

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Scott Rhine

Faculty Email: srhine@lakelandcollege.edu

Faculty Phone: 217-234-5353

INFORMATION TECHNOLOGY

IT-NETWORK ADMINISTRATION

(CRT.ITNET) CERTIFICATE

The certificate in Network Administration lays the foundation for entry level work as a network technician or PC technician. The course work is spread among the various information technology concentrations and allows for future completion of any of the IT degrees without complications. The certificate is excellent for supplementing another associate degree.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First

Semester	Hours
CIS-079 Client Operating System	3.0
CIS-073 Survey of Operating Systems +	3.0
CIS-156 Computer Logic	3.0
CIS-160 Practical Software Application	3.0
--- --- IT Elective **	2.0
SEMESTER TOTALS	14.0

Second

Semester	Hours
CIS-081 Networking Essentials	3.0
CIS-084 Server Operating Systems *	3.0
CIS-099 Introduction to Web Technology	3.0
EET-060 Computer Hardware	3.0
ITT-042 IT Net Admin Cert Internship	1.0
--- --- IT Elective **	3.0
SEMESTER TOTALS	16.0
TOTAL PROGRAM HOURS	30.0

+ Course only offered fall semester

* There are prerequisites, course requisites, or minimum placement test scores for this course.

** Electives must be approved by the Program Coordinator

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Scott Rhine

Faculty Email: srhine@lakelandcollege.edu

Faculty Phone: 217-234-5353

INFORMATION TECHNOLOGY

IT-PROGRAMMING

(AAS.ITPRO) ASSOCIATE IN APPLIED SCIENCE

The concentration in Programming provides the necessary training to prepare a student to enter business, industry or government work in programming and related jobs.

The core required classes cover general areas of Information Technology and the concentration classes cover a variety of application programming languages, web programming and database interactivity.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR			SECOND YEAR		
Semester		Hours	Semester		Hours
CIS-156	Computer Logic	3.0	CIS-052	Visual Basic * +	4.0
CIS-099	Introduction to Web Technology	3.0	CIS-164	Object-Oriented Programming II * +	3.0
CIS-160	Practical Software Application	3.0	CIS-170	Java Programming * +	3.0
CIS-071	Introduction to Networking	2.0	CIS-095	Database Management * +	3.0
SFS-101	Strategies for Success or		CIS-049	Content Management Systems *	2.0
PED ---	P.E. Elective or		ITT-072	Web Scripting II * + or	
HED ---	Health Elective	2.0	--- ---	Career Elective **	3.0
ECO-231	Principles of Econ I (Macro) or			SEMESTER TOTALS	18.0
--- ---	Social Science Elective	3.0		Second	
	SEMESTER TOTALS	16.0		Semester	
			CIS-083	Systems Design * +++	4.0
			CIS-074	IT Seminar *	1.0
			ITT-045	IT Programming Degree Internship *	2.0
			PSY-271	Intr/Psychology or	
			--- ---	Social Science Elective	3.0
			ITT-054	Mobile Application Development * +++	3.0
			ITT-073	Web Scripting III * +++ or	
			--- ---	Career Elective **	3.0
				SEMESTER TOTALS	16.0
				TOTAL PROGRAM HOURS	67.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.
 +++ Course only offered spring semester
 + Course only offered fall semester
 ** Electives must be approved by the Program Coordinator

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Angela Davison
Faculty Email: adavison@lakelandcollege.edu
Faculty Phone: 217-234-5414

INFORMATION TECHNOLOGY

IT-PROGRAMMING

(CRT.ITPROG) CERTIFICATE

The certificate in Programming lays the foundation for entry level work as a computer operator or computer programmer. The course work is spread among the various information technology concentrations and allows for future completion of any of the IT degrees. The certificate is excellent for supplementing another associate degree.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First

Semester	Hours
CIS-156 Computer Logic	3.0
CIS-160 Practical Software Application	3.0
CIS-071 Introduction to Networking	2.0
CIS-099 Introduction to Web Technology	3.0
CIS-060 Project Management	2.0
SEMESTER TOTALS	13.0

Second

Semester	Hours
ITT-054 Mobile Application Development * +++	3.0
CIS-052 Visual Basic * +	4.0
CIS-162 Object-Oriented Programming I * +++	3.0
ITT-044 IT Programming Cert Internship *	1.0
CIS or ITT Electives **	6.0
SEMESTER TOTALS	17.0
TOTAL PROGRAM HOURS	30.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+++ Course only offered spring semester

+ Course only offered fall semester

** Electives must be approved by the Program Coordinator

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Angela Davison
Faculty Email: adavison@lakelandcollege.edu
Faculty Phone: 217-234-5414

INFORMATION TECHNOLOGY

IT- WEB TECHNOLOGY

(AAS.ITWEB) ASSOCIATE IN APPLIED SCIENCE

The concentration in Web Technology degree is designed to provide students with the skills necessary to work independently or in business as a web page designer/developer. The student will be provided with a well-rounded computer curriculum featuring courses in application and graphics software, hardware, internet, web page design, and programming.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR			SECOND YEAR		
First			First		
Semester		Hours	Semester		Hours
CIS-099	Introduction to Web Technology	3.0	ITT-072	Web Scripting II *	3.0
ITT-070	Python	3.0	ITT-074	Web Systems I *	3.0
CIS-156	Computer Logic	3.0	CIS-095	Database Management * +	3.0
CIS-088	Adobe Photoshop	3.0	CIS-060	Project Management	2.0
SFS-101	Strategies for Success or		MAT-090	Math for Computer Applications +++ or	
PED ---	P.E. Elective or		MAT 1---	Math Elective *	3.0
HED ---	Health Elective	2.0	ECO-231	Principles of Econ I (Macro) or	
CIS-160	Practical Software Application	3.0	--- ---	Social Science Elective	3.0
SEMESTER TOTALS		17.0	SEMESTER TOTALS		17.0
Second			Second		
Semester			Semester		
ITT-071	Web Scripting I *	3.0	ITT-073	Web Scripting III *	3.0
CIS-049	Content Management Systems *	2.0	ITT-075	Web Systems II *	3.0
CIS-051	Designing for the Web * +++	3.0	ITT-047	IT Web Technology Degree Int *	2.0
ITT-053	Digital Media Arts * +++	3.0	CIS-074	IT Seminar	1.0
SPE-111	Intro to Speech Communication	3.0	ENG-120	Composition I *	3.0
BUS-142	Introduction to Business	3.0	PSY-271	Intr/Psychology or	
SEMESTER TOTALS		17.0	--- ---	Social Science Elective	3.0
			CIS or	IT Elective **	2.0
			ITT		
			SEMESTER TOTALS		17.0
			TOTAL PROGRAM HOURS		68.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.
 +++ Course only offered spring semester
 + Course only offered fall semester
 ** Electives must be approved by the Program Coordinator

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: James Munger
Faculty Email: jmunger@lakelandcollege.edu
Faculty Phone: 217-234-5326

INFORMATION TECHNOLOGY
IT-WEB TECHNOLOGY
(CRT.ITWEB) CERTIFICATE

The certificate in Web Technology lays the foundation for entry level work as a web page designer. The course work emphasizes software applications and web page design instruction and allows for future completion of the Web Technology IT degree without complications.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website.](#)

FIRST YEAR	
First	
Semester	Hours
CIS-099 Introduction to Web Technology	3.0
CIS-156 Computer Logic	3.0
CIS-088 Adobe Photoshop *	3.0
CIS-160 Practical Software Application	3.0
CIS-095 Database Management * +	3.0
SEMESTER TOTALS	15.0
Second	
Semester	
ITT-071 Web Scripting I	3.0
CIS-051 Designing for the Web * +++	3.0
CIS-049 Content Management Systems *	2.0
CIS-060 Project Management	2.0
ITT-046 IT Web Technology Cert Int *	1.0
CIS or ITT IT Electives **	4.0
SEMESTER TOTALS	15.0
TOTAL PROGRAM HOURS	30.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+ Course only offered fall semester

+++ Course only offered spring semester

** Electives must be approved by the Program Coordinator

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: James Munger
Faculty Email: jmunger@lakelandcollege.edu
Faculty Phone: 217-234-5326

INDUSTRIAL MAINTENANCE

(CRT.INDMT) CERTIFICATE

This program prepares students for entry level into the field of industrial maintenance. Emphasis is placed on such areas as machine shop, plumbing and electricity, as well as concentration of mechanically oriented course work. Nationwide, the industry needs skilled maintenance mechanics. For a person with training in industrial maintenance, a variety of jobs are available in many locations.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First Semester	Hours
MTT-050 Intro to Machining Procedures	3.0
TEC-040 Blueprint Reading/Industry I +	2.5
MET-042 A.C. Circuits (Module 2) * +	2.5
MET-040 D.C. Circuits *	2.5
IND-044 Fluid Power	3.0
TEC-048 Applied Shop Computations	3.0
TEC-043 Industrial Safety	1.0
SEMESTER TOTALS	17.5
Second Semester	
MET-043 Motors and Generators (Module 1) * ++	2.5
IND-043 Refrigeration Fundamentals * ++	4.0
IND-054 Trouble Shooting & Prev Maint * ++	3.0
WEL-057 Welding Fundamentals	2.5
IND-052 Electrical Installation Proc (Module 2) * +++	2.5
SOS-050 Human Relations	2.0
IND-042 Pipefitting Procedures	1.0
SEMESTER TOTALS	17.5
TOTAL PROGRAM HOURS	35.0

+ Course only offered fall semester

* There are prerequisites, course requisites, or minimum placement test scores for this course.

++ Course only offered spring and summer semester

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Kris Kersey

Faculty Email: kkersey@lakelandcollege.edu

Faculty Phone: 217-234-5304

JOHN DEERE TECH

(AAS.JDAT) ASSOCIATE IN APPLIED SCIENCE

A new generation of farm equipment demands a new generation of service technicians. To meet this demand, John Deere Company has created the John Deere Tech program and has selected Lake Land College as one of a limited number of North American sites.

The John Deere Tech program, offered jointly by John Deere and Lake Land College in cooperation with John Deere dealers, offers students many unique opportunities including earning a salary while learning through on-the-job training at a participating dealership; training on the latest John Deere tractors, combines and implements and learning the newest diagnostic and servicing procedures.

Students also have the opportunity to move directly into employment with their sponsoring dealership upon successful completion of this associate in applied science degree program.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR			SECOND YEAR		
First Semester			Second Semester		
--- ---	John Deere Elective	1.0	JDA-042	John Deere SOE II *	4.0
JDA-080	John Deere Electrical Systems +	3.5	JDA-087	John Deere Fuel Systems *	3.0
TEC-048	Applied Shop Computations +	3.0	JDA-050	John Deere Engine Systems *	3.0
JDA-091	John Deere Hydraulics I +	3.0	SPE-111	Intro to Speech Communication	3.0
JDA-073	JD Shop Skills & Fundamentals +	3.0	--- ---	John Deere Elective * +	1.0
JDA-111	John Deere Ag Software +	2.0	SEMESTER TOTALS		
HED-178	Responding to Emergencies	2.0	14.0		
SEMESTER TOTALS			17.5		
Second Semester			Second Semester		
--- ---	John Deere Elective	2.0	JDA-095	John Deere Equip Diagnostics * +++	3.0
ENG-050	Writing for Industry or		POS-160	American National Government	3.0
ENG-120	Composition I *	3.0	JDA-082	JD Adv Elect/Electronic Sys * +++	3.5
JDA-071	John Deere Power Trains * +++	3.0	JDA-043	John Deere SOE III * +++	4.0
JDA-086	John Deere Combine Production * +++	2.5	SEMESTER TOTALS		
JDA-092	John Deere Hydraulics II * +++	3.0	13.5		
ECO-130	The American Economy	3.0	TOTAL PROGRAM HOURS		
SEMESTER TOTALS			68.0		
16.5			SUGGESTED ELECTIVES		
Summer Term			WEL-057 Welding Fundamentals		
JDA-094	John Deere Air Cond Systems * ++++	2.5	2.5		
JDA-041	John Deere SOE I * ++++	2.0	JDA-072	JD Advanced Power Trains *	3.0
--- ---	John Deere Elective * ++++	2.0	JDA-051	JD Tillage & Seeding Equipment +	3.0
SEMESTER TOTALS			AGR-052 Principles of Crop Production +		
6.5			JDA-054 JD Turf and Utility Equipment +++		
			JDA-113 John Deere Apex Software +++		
			JDA-114 John Deere Hay Equipment *		
			2.0		

+ Course only offered fall semester
 * There are prerequisites, course requisites, or minimum placement test scores for this course.
 +++ Course only offered spring semester
 ++++ Course offered in summer term only

Call Counseling Services: 217-234-5232
 Email: counsel@lakelandcollege.edu

Faculty Contact: Russell Neu
 Faculty Email: rneu@lakelandcollege.edu
 Faculty Phone: 217-234-5387

LAW ENFORCEMENT

(AAS.LE) ASSOCIATE IN APPLIED SCIENCE

The Law Enforcement degree is intended for students who do not intend to transfer to a university after graduation and who primarily intend to seek a career as a police officer in a local or county police agency. This degree can also be ideal for those seeking a career in corrections by taking electives related to the field. Contact an academic advisor for a specific academic plan leading to successful graduation.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR			SECOND YEAR		
First Semester		Hours	First Semester		Hours
CJS-150	Intro/Criminal Just	3.0	CJS-160	Criminal Evidence & Procedure	3.0
CIS-160	Practical Software Application	3.0	SOC-282	Social Problems or	
SFS-101	Strategies for Success or		SOC-280	Introduction to Sociology	3.0
SFS-103	Life Strategies	2.0	CJS-153	Police Operations *	3.0
ENG-120	Composition I	3.0	CJS-090	Community Policing	3.0
CJS-080	Introduction to Policing	3.0	SPE-200	Interpersonal Communication	3.0
	SEMESTER TOTALS	14.0	--- ---	Elective	3.0
Second Semester				SEMESTER TOTALS	18.0
CJS-152	Criminal Investigation I	3.0	Second Semester		
CJS-156	Criminal Law	3.0	CJS-158	Juvenile Justice	3.0
--- ---	Math or Science Elective	3.0	CJS-091	Ethics in Criminal Justice	3.0
CJS-081	Police Report Writing	2.0	HED-178	Responding to Emergencies	2.0
PSY-271	Intr/Psychology	3.0	CJS-250	Criminology	3.0
--- ---	Elective	3.0	--- ---	Electives	4.0
	SEMESTER TOTALS	17.0		SEMESTER TOTALS	15.0
				TOTAL PROGRAM HOURS	64.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
 Email: counsel@lakelandcollege.edu

Faculty Contact: Dustin Heurman
 Faculty Email: dheurman2186@lakelandcollege.edu
 Faculty Phone: 217-234-5310

LAW ENFORCEMENT OPERATIONS

(NDPLEO) CERTIFICATE

The certificate in Law Enforcement Operations is aimed at students who are seeking a career in law enforcement but may not be able to complete an entire degree at the present time. This certificate will provide basic law enforcement operational knowledge to help students be more successful in their law enforcement careers.

This certificate can be applied toward the Law Enforcement associate in applied science degree to help expand the student's credentials and knowledge.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First

Semester	Hours
CJS-080 Introduction to Policing	3.0
CJS-081 Police Report Writing	2.0
CJS-090 Community Policing	3.0
CJS-150 Intro/Criminal Just	3.0
CJS-152 Criminal Investigation I	3.0
CJS-153 Police Operations *	3.0
CJS-160 Criminal Evidence & Procedure	3.0
HED-178 Responding to Emergencies	2.0
SEMESTER TOTALS	22.0
TOTAL PROGRAM HOURS	22.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Dustin Heerman

Faculty Email: dheerman2186@lakelandcollege.edu

Faculty Phone: 217-234-5310

LIVESTOCK PRODUCTION

(CRTL.VST) CERTIFICATE

The specialized Livestock Production certificate is designed to prepare students for employment positions in a variety of livestock areas. These jobs include herdsman positions, A.I. technicians, livestock managers and home farm operators. The SOE internship provides added experience in livestock management and production.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR		SUGGESTED ELECTIVES	
First Semester	Hours	AGR-066 Meat Science +++	2.0
AGR-040 Agricultural Mathematics + or		AGR-053 Integrated Pest Management ++++	3.0
MAT-116 General Education Math *	2.5	AGR-121 Farm Business Records +++	2.5
AGR-052 Principles of Crop Production +	3.0	AGR-090 Principles of Agri Mechanics +	2.5
AGR-060 Animal Husbandry +	3.0	AGR-042 Supervised Occupational Exp II ++++	2.5
AGR-050 Soils + or			
AGR-205 Intro/Soil Science * +++	3.5		
AGR-122 Farm Management * +	2.5		
AGR-061 Livestock Evaluation +	3.0		
SEMESTER TOTALS	17.5		
Second Semester			
AGR-111 Intro to Agriculture Software +++	2.0		
AGR-049 OSHA/Ag Mach Safety +++	1.0		
AGR-123 Marketing of Ag Products +++	2.5		
AGR-063 Animal Nutrition +++	2.5		
AGR-124 Farm Credit and Finance +++	2.0		
AGR-064 Beef/Dairy Production Skills +++	1.5		
AGR-070 Swine Production Skills +++	1.5		
AGR-065 A.I. Management-Cattle +++ or			
AGR-071 Swine Reproduction and A.I. +++	1.0		
AGR-041 Supervised Occupational Exp I	3.5		
SEMESTER TOTALS	17.5		
Summer Term			
AGR-120 Agriculture Economics ++++	3.0		
Elective	2.0		
SEMESTER TOTALS	5.0		
TOTAL PROGRAM HOURS	40.0		

+ Course only offered fall semester

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+++ Course only offered spring semester

++++ Course offered in summer term only

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Samuel Orrick
Faculty Email: sorrick@lakelandcollege.edu
Faculty Phone: 217-234-5360

MANAGEMENT

(AAS.MGT) ASSOCIATE IN APPLIED SCIENCE

The Management degree is designed for (1) those who plan to own and operate their own business and (2) those who plan to work as technicians, supervisors, or managers in for-profit or not-for-profit organizations. Using career electives, a specialized management curriculum can be designed to meet the needs of students in such diverse areas as marketing, retailing, sales, manufacturing, construction, transportation, technology and the trades.

Total credit hours for graduation in this program must equal or exceed 65.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR		SECOND YEAR	
First		First	
Semester	Hours	Semester	Hours
BUS-142 Introduction to Business	3.0	BUS-290 Human Resource Management *	3.0
ECO-231 Principles of Econ I (Macro)	3.0	BUS-151 Financial Accounting *	3.0
ENG-120 Composition I * or ENG-095 Business English	3.0	SPE-111 Intro to Speech Communication	3.0
BUS-113 Keyboarding or --- --- Career Elective **	3.0	BUS-200 Legal Environ/Business or --- --- Career Elective **	3.0
SFS-101 Strategies for Success or HED --- Health Elective or PED --- P.E. Elective	2.0	BUS-094 Business Math or MAT-1** Mathematics Elective *	3.0
SEMESTER TOTALS	14.0	SEMESTER TOTALS	15.0
Second		Second	
Semester		Semester	
CIS-160 Practical Software Application	3.0	BUS-285 Labor Relations * +++	3.0
BUS-251 Principles of Management	3.0	BUS-074 Management Seminar ** or --- --- Career Elective **	1.0
BUS-247 Principles of Marketing	3.0	BUS-076 Management Internship ** or --- --- Career Elective **	4.0
BUS-141 Business Communications or --- --- Career Elective **	3.0	BUS-078 Management/Marketing Capstone *	1.0
ECO-232 Prin Economics II (Micro) * or POS-162 State/Local Govern	3.0	BUS-096 Federal Tax Accounting or BUS-152 Managerial Accounting *	3.0
SEMESTER TOTALS	15.0	SEMESTER TOTALS	12.0
Summer		TOTAL PROGRAM HOURS	
Term			65.0
BUS-091 Prin of Advertising ++++	3.0		
BUS-092 Principles of Selling	3.0		
BUS-090 Prin of Retailing ++++ or BUS-089 Small Business Management	3.0		
SEMESTER TOTALS	9.0		

* There are prerequisites, course requisites, or minimum placement test scores for this course.

** Electives must be approved by the Program Coordinator

++++ Course offered in summer term only

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: John Carpenter

Faculty Email: jcarpent@lakelandcollege.edu

Faculty Phone: 217-234-5347

MANAGEMENT

(NDP.MGT) CERTIFICATE

The certificate in Management program prepares students for entry level positions in supervision and management. Employees can use this program to prepare for upward mobility and/or update management and supervisory skills. All courses satisfactorily completed in this certificate program will apply to the associate in applied science degree with a major in management.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First Semester	Hours
BUS-089 Small Business Management or	
BUS-142 Introduction to Business	3.0
BUS-290 Human Resource Management *	3.0
BUS-251 Principles of Management	3.0
BUS-200 Legal Environ/Business	3.0
CIS-160 Practical Software Application	3.0
--- --- Career Elective **	3.0
SEMESTER TOTALS	18.0
TOTAL PROGRAM HOURS	18.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

** Electives must be approved by the Program Coordinator

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: John Carpenter

Faculty Email: jcarpent@lakelandcollege.edu

Faculty Phone: 217-234-5347

MANUFACTURING SKILLS I

(NDP.MSP) CERTIFICATE

This certificate prepares graduates for entry level manufacturing positions. Emphasis is placed upon measurement, hydraulics, pneumatics, electric motors, and mechanical and electrical drives. Basic skills in blueprint reading and mathematics are also included in this program.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website.](#)

FIRST YEAR

First Semester	Hours
TEC-040 Blueprint Reading/Industry I	2.5
TEC-046 Manufacturing Skills I	2.0
TEC-047 Manufacturing Skills II	2.0
TEC-048 Applied Shop Computations	3.0
TEC-049 Manufacturing Skills III	2.0
TEC-051 Manufacturing Skills IV	2.0
TEC-055 Special Topics in Technology	0.5
TEC-090 Education-To-Careers	3.0
SEMESTER TOTALS	17.0
TOTAL PROGRAM HOURS	17.0

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Leo Kitten
Faculty Email: lkitten@lakelandcollege.edu
Faculty Phone: 217-234-5316

MARKETING

(AAS.MKTG) ASSOCIATE IN APPLIED SCIENCE

The Marketing program prepares students for employment positions in sales, retailing, marketing and other related business areas. It can also be used to upgrade skills and knowledge of presently employed personnel to allow them to advance their careers. This program provides the broad background necessary to succeed in modern marketing with special emphasis placed on pricing, promotion, distribution and product conception within both the profit and not-for-profit sectors.

Total credit hours for graduation in this program must equal or exceed 64.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR		SECOND YEAR	
First Semester	Hours	First Semester	Hours
BUS-142 Introduction to Business	3.0	BUS-151 Financial Accounting *	3.0
BUS-094 Business Math or		BUS-141 Business Communications	3.0
MAT 1--- Math Elective *	3.0	ECO-231 Principles of Econ I (Macro)	3.0
SFS-101 Strategies for Success or		BUS-200 Legal Environ/Business	3.0
HED --- Health Elective or		SPE-111 Intro to Speech Communication	3.0
PED --- P.E. Elective	2.0	SEMESTER TOTALS	15.0
ENG-120 Composition I *	3.0		
SOS-050 Human Relations	2.0	Second Semester	
SEMESTER TOTALS	13.0	PSY-271 Intr/Psychology	3.0
		ECO-232 Prin Economics II (Micro) * or	
Second Semester		POS-162 State/Local Govern	3.0
BUS-251 Principles of Management	3.0	BUS-134 Principles of E-Marketing or	
BUS-247 Principles of Marketing	3.0	--- --- Career Elective **	2.0
CIS-160 Practical Software Application	3.0	BUS-057 Marketing Internship ** or	
ENG-121 Composition II *	3.0	--- --- Career Elective **	4.0
BUS-085 Accounting Process or		BUS-056 Marketing Seminar ** or	
--- --- Career Elective **	1.0	--- --- Career Elective **	1.0
SEMESTER TOTALS	13.0	BUS-078 Management/Marketing Capstone *	1.0
		SEMESTER TOTALS	14.0
Summer Term		TOTAL PROGRAM HOURS	64.0
BUS-092 Principles of Selling	3.0		
BUS-091 Prin of Advertising ++++	3.0		
BUS-090 Prin of Retailing ++++	3.0		
SEMESTER TOTALS	9.0		

* There are prerequisites, course requisites, or minimum placement test scores for this course.

** Electives must be approved by the Program Coordinator

++++ Course offered in summer term only

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: John Carpenter

Faculty Email: jcarpent@lakelandcollege.edu

Faculty Phone: 217-234-5347

MARKETING

(CRT.MKTG) CERTIFICATE

The certificate in Marketing program prepares students for entry level positions in account management, sales, retailing, and marketing. Current employees can use this program to prepare for upward mobility and/or update marketing skills. All courses satisfactorily completed in this certificate program will apply to the associate in applied science degree with a major in marketing.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First

Semester	Hours
BUS-142 Introduction to Business	3.0
BUS-247 Principles of Marketing	3.0
BUS-141 Business Communications	3.0
CIS-160 Practical Software Application	3.0
SEMESTER TOTALS	12.0

Second

Semester	Hours
BUS-090 Prin of Retailing ++++	3.0
BUS-091 Prin of Advertising ++++	3.0
BUS-092 Principles of Selling	3.0
--- --- Career Elective **	3.0
SEMESTER TOTALS	12.0
TOTAL PROGRAM HOURS	24.0

++++ Course offered in summer term only

** Electives must be approved by the Program Coordinator

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: John Carpenter

Faculty Email: jcarpent@lakelandcollege.edu

Faculty Phone: 217-234-5347

MASSAGE THERAPY

(CRT.MT) CERTIFICATE

The Massage Therapy program is designed to prepare the individual in all areas of massage. Massage therapy is physically demanding work. Students need to have good general health and the strength, stamina, and flexibility necessary to carry out assignments. Massage techniques and bodywork, anatomy, professionalism with clients, and business practices are included in the curriculum. In addition to tuition and fees, costs for the Massage Therapy program include: workbooks, massage supplies, table, clinical attire and the board exam/license fee.

Housed at the Lake Land College Kluthe Center for Higher Education and Technology in Effingham, Illinois, classes begin each fall semester and run for 4 consecutive semesters. Once admitted to the program, the student must progress through the courses corresponding to the curriculum model. A "C" grade is required in all Massage Therapy curriculum courses for progression/completion. Upon completion of the course, the student will receive a certificate and will be eligible to sit for Massage and Bodywork Licensing Examination (MBLEx).

Massage Therapy application requirements include admission to Lake Land College, completion of the Massage Therapy program application form (obtained from program website), and completion of the college placement assessment tests. To be considered a candidate, students must have an application file completed by July 1 for consideration for the fall semester.

See career track program Massage Therapy Track (CRT.MT.TRK) when selecting a major.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR		SECOND YEAR	
First Semester	Hours	First Semester	Hours
MAS-055 Massage Therapy I * +	5.0	MAS-070 Ethics for Massage Therapist +	1.0
BIO-050 Basic Anatomy & Physiology	4.0	MAS-085 Massage Therapy IV * +	5.0
HED-178 Responding to Emergencies	2.0	BUS-089 Small Business Management	3.0
SEMESTER TOTALS	11.0	MAS-087 Massage Clinic II * +	1.5
Second Semester		SEMESTER TOTALS	10.5
MAS-065 Massage Therapy II * +++	5.0	TOTAL PROGRAM HOURS	40.0
MAS-060 A & P for Massage Therapist II * +++	4.0		
MAS-067 Pathology/Massage Therapist +++	3.0		
SEMESTER TOTALS	12.0		
Summer Term			
MAS-075 Massage Therapy III * ++++	5.0		
MAS-077 Massage Clinic I * ++++	1.5		
SEMESTER TOTALS	6.5		

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+ Course only offered fall semester

+++ Course only offered spring semester

++++ Course offered in summer term only

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Martha Mioux
Faculty Email: mmioux@lakelandcollege.edu
Faculty Phone: 217-540-3551

MASSAGE THERAPY - TRACK

(CRT.MT.TRK)

The Massage Therapy Certificate Track prepares the student for acceptance into the Massage Therapy program. Applicants are instructed to begin their Massage Therapy application with the CRT.MT.TRK major code. Students are counseled on admission requirements into the Massage Therapy program. Once accepted into the Massage Therapy program, the major code will be changed to CRT.MT.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Martha Mioux
Faculty Email: mmioux@lakelandcollege.edu
Faculty Phone: 217-540-3551

MECHANICAL-ELECTRICAL TECHNOLOGY

(AAS.MET) ASSOCIATE IN APPLIED SCIENCE

Mechanical Electrical Technology (MET) program is designed to give the student a wide background in mechanical and electrical skills. These skills and knowledge include welding, hydraulics, pneumatics, CAD, CNC, HVAC, AC/DC circuits, ladder logic, motors and PLCs. Technical electives are incorporated into this degree to allow the student to focus more concentration in an area of their interest (such as wind or solar). Graduates will be prepared for many different kinds of technical jobs for today and the future. Some of these employment opportunities include: CAD operator/designer, CNC operator/programmer, HVAC technician, maintenance technician, industrial electrician and service technician. A graduate with a MET degree will be prepared for high paying technical jobs that are available locally and nationwide.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR		SECOND YEAR	
First		First	
Semester	Hours	Semester	Hours
ENG-098 Communications I or		IND-043 Refrigeration Fundamentals *	4.0
ENG-050 Writing for Industry	3.0	CIS-068 Computer Appl-Special Topics +	2.0
TEC-040 Blueprint Reading/Industry I +	2.5	CAD-057 CAD II *	3.0
IND-044 Fluid Power	3.0	EET-072 Industrial Control I (Module 1) * +	2.0
TEC-050 Technical Math I (Module 1)	2.0	EET-086 Prog Logic Controllers I (Module 2) * +	2.0
TEC-052 Technical Math II (Module 2) *	2.0	--- --- Social Science Elective	2.0
EET-040 Basic Electronics (Module 1)	2.5	--- --- Technical Elective **	2.0
EET-050 Electric Circuits I (Module 2) *	2.5	SEMESTER TOTALS	17.0
SEMESTER TOTALS	17.5		
Second		Second	
Semester		Semester	
MET-080 Solid State Devices & Apps * +++	3.0	IND-054 Trouble Shooting & Prev Maint * +++	3.0
TEC-054 Technical Math III (Module 1) *	2.0	CIM-060 CNC Machining * +++	3.0
MET-043 Motors and Generators (Module 1) * +++	2.5	MET-084 Technical Mechanisms * +++	3.0
MTT-050 Intro to Machining Procedures (Module 2)	3.0	WEL-057 Welding Fundamentals	2.5
IND-052 Electrical Installation Proc (Module 2) * +++	2.5	--- --- Economics Elective	3.0
CAD-056 CAD I	2.0	--- --- Technical Elective **	3.0
HED-178 Responding to Emergencies	2.0	SEMESTER TOTALS	17.5
SEMESTER TOTALS	17.0	TOTAL PROGRAM HOURS	69.0
		SUGGESTED ELECTIVES	
		WND-040 Intro to Wind Technology	3.0
		EET-068 Photovoltaic Systems *	3.0
		IND-042 Pipefitting Procedures	1.0
		TEC-043 Industrial Safety	1.0
		EET-087 Prog Logic Controllers II *	2.0
		EET-075 HMI-Human Machine Interface *	2.0
		CAD-058 CAD Drafting Systems *	2.0
		CAD-059 Special Applications of CAD *	3.0
		EET-069 Residential Wiring I *	3.0
		CAD-062 Introduction to Solidworks * +++	2.0
		EET-071 Routing & Switch Fundamentals * +	3.0

+ Course only offered fall semester

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+++ Course only offered spring semester

** Electives must be approved by the Program Coordinator

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Dion Buzzard

Faculty Email: dbuzzard@lakelandcollege.edu

Faculty Phone: 217-234-5325

MEDICAL ASSISTANT

(AAS.MAP) ASSOCIATE IN APPLIED SCIENCE

Medical Assistants are health professionals specifically trained to work in medical offices. These multiskilled personnel perform administrative and clinical duties. Duties may include but are not limited to: billing and coding, maintaining medical records, completing basic clinical assessments, recording vital signs, preparing patients for examination, collecting blood specimens, performing basic laboratory tests, preparing and administering medications and assisting physicians with treatment and/or minor procedures.

1. Complete an Intent to Enroll for Lake Land College-Select "AAS.MAP.TRK" as the academic program. This will ensure you are assigned a medical assistant academic advisor. It will also generate a Laker email account; prospective students are expected to check this email account on a regular basis for correspondence. Follow the program checklist carefully for instructions about the application procedure.

2. Send high school and college transcripts to Admissions & Records Office. Contact the office at (217) 234-5434 to confirm receipt. If courses have been completed at another institution, be sure to request a "Transcript Evaluation" for AAS.MAP.TRK or "CRT.MAP.TRK" from Admissions & Records Office to ensure courses transfer.

Upon successful completion of the program students may apply for credentialing examination.

Medical Assistant program is a special admission program. Applications are due May 1 for Fall Admission. After admission into the program, applicants must pass a background check, physical exam, proof of immunizations, CPR and drug screen. There are additional costs associated with this program including books, uniforms, supplies and transportation to clinical facilities.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR	
First Semester	Hours
MAP-070 Med Assist Pathophysiology I	5.0
MAP-072 Med Assist Skills I *	5.0
CIS-160 Practical Software Application *	3.0
BUS-114 Advanced Formatting *	3.0
SEMESTER TOTALS	16.0
Second Semester	Hours
MAP-080 Med Assist Pathophysiology II *	4.0
MAP-082 Med Assist Skills II *	5.0
MAP-084 Med Assist Pharmacology *	3.0
MAP-086 Med Assist Seminar	2.5
MCS-095 Medical Office Procedures	3.0
SEMESTER TOTALS	17.5
Summer Term	Hours
MAP-090 Med Assist Externship *	2.5
SEMESTER TOTALS	2.5

SECOND YEAR	
First Semester	Hours
ENG-120 Composition I *	3.0
AHE-055 Math for Meds or	
MAT-116 General Education Math	2.0
BIO-100 Bio Science I	4.0
--- --- Elective	3.0
SEMESTER TOTALS	12.0
Second Semester	Hours
PSY-271 Intr/Psychology or	
SOC-280 Introduction to Sociology	3.0
SPE-111 Intro to Speech Communication or	
SPE-200 Interpersonal Communication	3.0
HED-102 Nutrition	3.0
--- --- Humanities and Fine Arts (IAI F or IAI H)	3.0
SEMESTER TOTALS	12.0
TOTAL PROGRAM HOURS	60.0

SUGGESTED ELECTIVES	
BUS-061 Office Transcription	2.0
AHE-041 Medical Terminology	3.0
CHM-111 Concepts of Chemistry	4.0
PSY-279 Human Dev/Life Span	3.0
BIO-225 Human Ana/Phys I *	4.0
BIO-226 Human Ana/Phys II *	4.0
HED-290 Disease Processes *	2.0
ANT-200 General Anthropology	3.0
SOC-290 Sociology of Family	3.0
MAT-125 Statistics *	3.0
MCS-055 Principles of ICD-10-CM Coding	3.0
MCS-050 Principles of CPT Coding	3.0
MCS-040 Health Info for Professionals	3.0
MCS-068 Medical Management and Ethics	3.0
BUS-115 Processing Info	3.0
CIS-058 Spec Software Applications	3.0
BUS-060 Automated Office Procedures	3.0
BUS-079 Profess Development	3.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Molly Yeske
Faculty Email: myeske@lakelandcollege.edu
Faculty Phone: 217-234-5055

MEDICAL ASSISTANT

(CRT.MAP) CERTIFICATE

Medical Assistants are health professionals specifically trained to work in a medical office. These multiskilled personnel perform administrative and clinical duties. Duties may include but are not limited to: billing and coding, maintaining medical records, completing basic clinical assessments, recording vital signs, preparing patients for examination, collecting blood specimens, performing basic laboratory tests, preparing and administering medications and assisting physicians with treatment and/or minor procedures.

1. Complete an Intent to Enroll for Lake Land College-Select "CRT.MAP.TRK" as the academic program. This will ensure you are assigned a medical assistant academic advisor. It will also generate a Laker email account; prospective students are expected to check this email account on a regular basis for correspondence.

Upon successful completion of the program students may apply for credentialing examination.

Medical Assistant program is a special admission program. Applications are due May 1 for Fall Admission. After admission into the program, applicants must pass a background check, physical exam, proof of immunizations, CPR and drug screen. There are additional costs associated with this program including books, uniforms, supplies and transportation to clinical facilities.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR	
First Semester	Hours
MAP-070 Med Assist Pathophysiology I	5.0
MAP-072 Med Assist Skills I *	5.0
CIS-160 Practical Software Application *	3.0
BUS-114 Advanced Formatting *	3.0
SEMESTER TOTALS	16.0
Second Semester	
MAP-080 Med Assist Pathophysiology II *	4.0
MAP-082 Med Assist Skills II *	5.0
MAP-084 Med Assist Pharmacology *	3.0
MAP-086 Med Assist Seminar *	2.5
MCS-095 Medical Office Procedures	3.0
SEMESTER TOTALS	17.5
Summer Term	
MAP-090 Med Assist Externship *	2.5
SEMESTER TOTALS	2.5
TOTAL PROGRAM HOURS	36.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Molly Yeske
Faculty Email: myeske@lakelandcollege.edu
Faculty Phone: 217-234-5055

MEDICAL ASSISTANT TRACK

(AAS.MAP.TRK)

The Associate Degree Track prepares the student for acceptance into the Medical Assistant program. The Medical Assistant program is a special admission program. After acceptance into the program, the director will change the program code to AAS. MAP.

Medical Assistants are health professionals specifically trained to work in medical offices. These multiskilled personnel perform administrative and clinical duties. Duties may include but are not limited to: billing and coding, maintaining medical records, completing basic clinical assessments, recording vital signs, preparing patients for examination, collecting blood specimens, performing basic laboratory tests, preparing and administering medications and assisting physicians with treatment and/or minor procedures. Interested students should submit the Intent to Enroll form found on the website.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Molly Yeske
Faculty Email: myeske@lakelandcollege.edu
Faculty Phone: 217-234-5055

MEDICAL ASSISTANT-TRACK

(CRT.MAP.TRK)

The Medical Assistant Certificate Track prepares the students for acceptance into the Medical Assisting Program (MAP), which begins in the fall semester only. The Medical Assisting Program is a special admission program. Applicants are instructed to begin their MAP application with the CRT.MAP. TRK major code. Students are counseled on admission requirements into the Medical Assisting Program as well as preparatory course work that will increase their success rate once they are accepted into the Medical Assisting program. Prerequisite course work is not required for acceptance. Once accepted into the Medical Assisting program, the director will change the program code to CRT.MAP. Interested students should submit the Intent to Enroll form found on the website.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website.](#)

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Molly Yeske
Faculty Email: myeske@lakelandcollege.edu
Faculty Phone: 217-234-5055

MEDICAL CODING & HEALTH INFORMATION

(AAS.HIMC) ASSOCIATE IN APPLIED SCIENCE

This program will prepare students for management positions in Health Information. Students are instructed in medical ethics, coding, information technology, statistics, management, and medical reimbursement. Upon successful completion of the program, graduates will be able to sit for medical coding exams available through national organizations such as the American Health Information Management Association (AHIMA) and the American Academy of Professional Coders (AAPC).

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR			SECOND YEAR		
First Semester			First Semester		
		Hours			Hours
CIS-160	Practical Software Application	3.0	MCS-065	Adv CPT Coding and Modifiers *	3.0
MCS-040	Health Info for Professionals	3.0	MCS-070	Advanced ICD-10-CM Coding *	3.0
BIO-050	Basic Anatomy & Physiology	4.0	MCS-068	Medical Management and Ethics *	3.0
MCS-041	Medical Office Terminology	3.0	BUS-095	Fundamentals of Accounting	3.0
AHE-044	Pathophysiology	3.0	MCS-056	Credentialing/Emerging Coding *	3.0
SFS-101	Strategies for Success	2.0	SEMESTER TOTALS		
SEMESTER TOTALS		18.0	15.0		
Second Semester			Second Semester		
AHE-057	Pharmacology for Coders	3.0	MCS-091	Healthcare Statistics *	3.0
MCS-050	Principles of CPT Coding	3.0	MCS-092	Medical Records and the Law *	3.0
MCS-055	Principles of ICD-10-CM Coding	3.0	PSY-271	Intr/Psychology	3.0
BUS-063	Medical Transcription (Module 1) *	1.0	MCS-060	Medical Ins Reimbursement	3.0
BUS-084	Adv Medical Transcription (Module 2) *	1.0	BUS-141	Business Communications	3.0
AHE-055	Math for Meds	2.0	MCS-075	Hospital-Med Coding Internship * or	
ENG-095	Business English	3.0	MCS-085	Hospital Coding Cert Prep *	1.0
SEMESTER TOTALS		16.0	MCS-080	Clinic-Med Coding Internship * or	
			MCS-090	Clinic Coding Cert Prep *	1.0
			SEMESTER TOTALS		
			17.0		
			TOTAL PROGRAM HOURS		
			66.0		

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
 Email: counsel@lakelandcollege.edu

Faculty Contact: Kathleen Daugherty
 Faculty Email: kdaugherty@lakelandcollege.edu
 Faculty Phone: 217-234-5355

MEDICAL CODING SPECIALIST

(CRT.MCS) CERTIFICATE

Medical Coding Specialist Certificate presents a comprehensive study of both diagnostic and procedural medical coding using nationally recognized ICD-10-CM, CPT, and HCPCS coding. It prepares the student for employment as a coding specialist in hospitals, clinics, surgery centers, long-term and home health care facilities. Coding specialists are also employed by consulting firms, coding and billing services, insurance companies, and governmental agencies. Upon successful completion of the program, graduates will be able to pass coding exams available through national organizations such as the American Health Information Management Association (AHIMA) and the American Academy of Professional Coders (AAPC).

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website.](#)

FIRST YEAR			SECOND YEAR		
First Semester		Hours	First Semester		Hours
CIS-160	Practical Software Application	3.0	MCS-060	Medical Ins Reimbursement	3.0
MCS-040	Health Info for Professionals	3.0	BUS-141	Business Communications	3.0
BIO-050	Basic Anatomy & Physiology	4.0	MCS-065	Adv CPT Coding and Modifiers *	3.0
AHE-044	Pathophysiology	3.0	MCS-070	Advanced ICD-10-CM Coding *	3.0
	SEMESTER TOTALS	13.0	MCS-075	Hospital-Med Coding Internship * or	
			MCS-085	Hospital Coding Cert Prep *	1.0
Second Semester			MCS-080	Clinic-Med Coding Internship * or	
AHE-057	Pharmacology for Coders	3.0	MCS-090	Clinic Coding Cert Prep *	1.0
MCS-041	Medical Office Terminology	3.0		SEMESTER TOTALS	14.0
MCS-050	Principles of CPT Coding	3.0		TOTAL PROGRAM HOURS	41.0
MCS-055	Principles of ICD-10-CM Coding	3.0			
BUS-063	Medical Transcription (Module 1) *	1.0			
BUS-084	Adv Medical Transcription (Module 2) *	1.0			
	SEMESTER TOTALS	14.0			

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
 Email: counsel@lakelandcollege.edu

Faculty Contact: Kathleen Daugherty
 Faculty Email: kdaugherty@lakelandcollege.edu
 Faculty Phone: 217-234-5355

MEDICAL TRANSCRIPTIONIST

(CRT.MDTRN) CERTIFICATE

Students will complete coursework in Microsoft Office software, medical transcription, medical terminology, billing and coding, medical software, desktop publishing, keyboarding, and document formatting. Students will also develop interpersonal and communication skills. All courses apply toward one of the Office Assistant degrees.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR	
First Semester	Hours
BUS-114 Advanced Formatting *	3.0
ENG-095 Business English	3.0
BUS-063 Medical Transcription (Module 1) *	1.0
BUS-084 Adv Medical Transcription (Module 2) *	1.0
BUS-059 Medical Insurance and Coding	3.0
BIO-050 Basic Anatomy & Physiology	4.0
SEMESTER TOTALS	15.0
Second Semester	
CIS-058 Specialized Software Apps	3.0
BUS-115 Processing Info * ++	3.0
BUS-079 Profess Development +++	3.0
BUS-060 Automated Office Procedures * +++	3.0
BUS-082 Medical Transcript Internship *	3.0
BUS-080 Office Professional Seminar	1.0
SEMESTER TOTALS	16.0
Summer Term	
MCS-041 Medical Office Terminology	3.0
CIS-160 Practical Software Application	3.0
SEMESTER TOTALS	6.0
TOTAL PROGRAM HOURS	37.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

++ Course only offered spring and summer semester

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Kathleen Daugherty

Faculty Email: kdaugherty@lakelandcollege.edu

Faculty Phone: 217-234-5355

NANNY CHILD CARE PROVIDER

(CRT.NCCP) CERTIFICATE

This program prepares the student for the care of children in a live-out or live-in family-oriented setting. In addition to developing the skills and knowledge needed to provide for the child's physical, intellectual, emotional and social well-being, the nanny will acquire basic home management skills. Emphasis is also given to interpersonal relationships since the nanny is often considered a member of the family. A "C" average in required Early Childhood Care and Education core classes must be maintained by students prior to enrolling in ECE 125.

ECE 120 and 125 must be taken the same semester.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First Semester	Hours
ECE-100 Intro to Early Childhood Educ	3.0
ECE-102 Health/Safety/Nutri/Yng Child	3.0
ECE-095 Creative Activities/Children	4.0
ECE-051 Infant/Toddler Environment	3.0
ECE-110 Child Behavior Management	3.0
HED-178 Responding to Emergencies	2.0
SEMESTER TOTALS	18.0
Second Semester	
SOC-290 Sociology of Family	3.0
ECE-086 Nanny/Family Relations	2.0
PSY-274 Child Development	3.0
SPE-111 Intro to Speech Communication	3.0
ECE-120 Field Experience Seminar *	1.0
ECE-125 Field Experience *	4.0
SEMESTER TOTALS	16.0
TOTAL PROGRAM HOURS	34.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Teresa Lang
Faculty Email: tlang@lakelandcollege.edu
Faculty Phone: 217-234-5426

OFFICE ASSISTANT-EXECUTIVE

(AAS.AAEXE) ASSOCIATE IN APPLIED SCIENCE

Students will be highly trained to work in a variety of offices performing administrative support responsibilities. They will complete coursework in Microsoft Office software, notetaking, legal terminology, desktop publishing, web design, document formatting, and accounting. Students will also develop interpersonal and communication skills. The internship provides students with a realistic work experience.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR			SECOND YEAR		
First Semester		Hours	First Semester		Hours
BUS-114	Advanced Formatting *	3.0	CIS-056	Advanced Software Applications * +	3.0
BUS-123	Notetaking +	4.0	CIS-058	Specialized Software Apps	3.0
BUS-142	Introduction to Business	3.0	BUS-141	Business Communications	3.0
CIS-160	Practical Software Application	3.0	SPE-111	Intro to Speech Communication	3.0
ENG-095	Business English	3.0	CIS-094	Excel or	
SFS-101	Strategies for Success or		CIS-093	Access	2.0
HED ---	Health Elective or		BUS-065	Legal Terminology (Module)	1.0
PED ---	P.E. Elective	2.0	BUS-061	Office Transcription *	2.0
SEMESTER TOTALS		18.0	SEMESTER TOTALS		17.0
Second Semester			Second Semester		
BUS-115	Processing Info * ++	3.0	PSY-271	Intr/Psychology	3.0
BUS-094	Business Math	3.0	BUS-060	Automated Office Procedures +++	3.0
CIS-099	Introduction to Web Technology	3.0	BUS-079	Professional Development +++	3.0
BUS-095	Fundamentals of Accounting or		BUS-081	Office Assistant Internship *	5.0
BUS-151	Financial Accounting *	3.0	BUS-080	Office Professional Seminar	1.0
CIS-101	Internet Systems/Applications or		SEMESTER TOTALS		15.0
CIS-071	Introduction to Networking	2.0	TOTAL PROGRAM HOURS		67.0
--- ---	Social Science Elective ^	3.0			
SEMESTER TOTALS		17.0			

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+ Course only offered fall semester

++ Course only offered spring and summer semester

^ SOS 050 Human Relations and PSY 271 Introduction to Psychology cannot be used as a social science elective

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Lisa Earp

Faculty Email: learp@lakelandcollege.edu

Faculty Phone: 217-234-5356

OFFICE ASSISTANT-LEGAL

(AAS.AALEG) ASSOCIATE IN APPLIED SCIENCE

Students will be highly trained to work in a variety of legal offices and court systems performing administrative support responsibilities. They will complete coursework in Microsoft Office software, notetaking, legal terminology, legal justice systems, desktop publishing, document formatting, and accounting. Students will also develop interpersonal and communication skills. The internship provides students with a realistic work experience.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR		SECOND YEAR	
First Semester	Hours	First Semester	Hours
BUS-114 Advanced Formatting *	3.0	CIS-056 Advanced Software Applications * +	3.0
BUS-123 Notetaking +	4.0	CIS-058 Specialized Software Apps	3.0
--- --- Social Science Elective ^	3.0	BUS-141 Business Communications	3.0
BUS-200 Legal Environ/Business	3.0	CJS-150 Intro/Criminal Just	3.0
ENG-095 Business English	3.0	BUS-065 Legal Terminology (Module)	1.0
SFS-101 Strategies for Success or		BUS-061 Office Transcription *	2.0
HED --- Health Elective or		SEMESTER TOTALS	15.0
PED --- P.E. Elective	2.0	Second Semester	
SEMESTER TOTALS	18.0	PSY-271 Intr/Psychology	3.0
Second Semester		BUS-060 Automated Office Procedures +++	3.0
BUS-115 Processing Info * ++	3.0	BUS-079 Professional Development +++	3.0
CIS-160 Practical Software Application	3.0	BUS-081 Office Assistant Internship *	5.0
BUS-094 Business Math	3.0	BUS-080 Office Professional Seminar	1.0
BUS-095 Fundamentals of Accounting or		SEMESTER TOTALS	15.0
BUS-151 Financial Accounting *	3.0	TOTAL PROGRAM HOURS	65.0
CIS-101 Internet Systems/Applications or			
CIS-099 Introduction to Web Technology or			
CIS-093 Access	2.0		
SPE-111 Intro to Speech Communication	3.0		
SEMESTER TOTALS	17.0		

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+ Course only offered fall semester

^ SOS 050 Human Relations and PSY 271 Introduction to Psychology cannot be used as a social science elective

++ Course only offered spring and summer semester

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Lisa Earp
Faculty Email: learp@lakelandcollege.edu
Faculty Phone: 217-234-5356

OFFICE ASSISTANT-MEDICAL

(AAS.AAMED) ASSOCIATE IN APPLIED SCIENCE

Students will be highly trained to work in a variety of medical offices, hospitals, and clinics performing administrative support responsibilities. They will complete coursework in Microsoft Office software, notetaking, medical terminology, medical billing and coding, medical software, desktop publishing, document formatting, and accounting. Students will also develop interpersonal and communication skills. The internship provides students with a realistic work experience.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR		SECONDS YEAR	
First Semester	Hours	First Semester	Hours
BUS-114 Advanced Formatting *	3.0	CIS-056 Advanced Software Applications * +	3.0
BUS-123 Notetaking +	4.0	BUS-141 Business Communications	3.0
BIO-050 Basic Anatomy & Physiology	4.0	CIS-058 Specialized Software Apps	3.0
ENG-095 Business English	3.0	SPE-111 Intro to Speech Communication	3.0
SFS-101 Strategies for Success or		CIS-101 Internet Systems/Applications or	
HED --- Health Elective or		CIS-099 Introduction to Web Technology or	
PED --- P.E. Elective	2.0	CIS-093 Access *	2.0
SEMESTER TOTALS	16.0	BUS-063 Medical Transcription (Module 1) *	1.0
		BUS-084 Adv Medical Transcription (Module 2) *	1.0
Second Semester		SEMESTER TOTALS	16.0
BUS-115 Processing Info * ++	3.0	Second Semester	
CIS-160 Practical Software Application	3.0	PSY-271 Intr/Psychology	3.0
BUS-059 Medical Insurance and Coding	3.0	BUS-060 Automated Office Procedures +++	3.0
BUS-095 Fundamentals of Accounting or		BUS-079 Professional Development +++	3.0
BUS-151 Financial Accounting *	3.0	BUS-083 Office Asst Internship-Med *	5.0
MCS-041 Medical Office Terminology	3.0	BUS-080 Office Professional Seminar	1.0
--- --- Social Science Elective ^	3.0	SEMESTER TOTALS	15.0
SEMESTER TOTALS	18.0	TOTAL PROGRAM HOURS	65.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+ Course only offered fall semester

++ Course only offered spring and summer semester

^ SOS 050 Human Relations and PSY 271 Introduction to Psychology cannot be used as a social science elective

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Kathleen Daugherty

Faculty Email: kdaugherty@lakelandcollege.edu

Faculty Phone: 217-234-5355

OFFICE MANAGER

(AAS.OFMGT) ASSOCIATE IN APPLIED SCIENCE

Students will be highly trained to work in a variety of offices with managerial responsibilities, coordinating services, and supervising staff. They will complete coursework in Microsoft Office software, notetaking, desktop publishing, web design, management, document formatting, and accounting. Students will also develop interpersonal and communication skills. The internship provides students with a realistic work experience.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR		SECOND YEAR	
First Semester	Hours	First Semester	Hours
BUS-123 Notetaking +	4.0	CIS-056 Advanced Software Applications * +	3.0
ENG-095 Business English	3.0	BUS-290 Human Resource Management *	3.0
BUS-114 Advanced Formatting *	3.0	ECO-231 Principles of Econ I (Macro)	3.0
CIS-160 Practical Software Application	3.0	CIS-101 Internet Systems/Applications or	
BUS-142 Introduction to Business	3.0	CIS-099 Introduction to Web Technology	3.0
SFS-101 Strategies for Success or		BUS-141 Business Communications	3.0
HED ---- Health Elective or		SPE-111 Intro to Speech Communication	3.0
PED --- P.E. Elective	2.0	SEMESTER TOTALS	18.0
SEMESTER TOTALS	18.0	Second Semester	
Second Semester		PSY-271 Intr/Psychology	3.0
BUS-094 Business Math	3.0	BUS-060 Automated Office Procedures +++	3.0
BUS-115 Processing Info * ++	3.0	BUS-079 Professional Development +++	3.0
BUS-251 Principles of Management	3.0	BUS-081 Office Assistant Internship *	5.0
BUS-095 Fundamentals of Accounting or		BUS-080 Office Professional Seminar	1.0
BUS-151 Financial Accounting *	3.0	SEMESTER TOTALS	15.0
CIS-094 Excel or		TOTAL PROGRAM HOURS	68.0
CIS-071 Introduction to Networking	2.0		
CIS-058 Specialized Software Apps	3.0		
SEMESTER TOTALS	17.0		

+ Course only offered fall semester

* There are prerequisites, course requisites, or minimum placement test scores for this course.

++ Course only offered spring and summer semester

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Lisa Earp

Faculty Email: learp@lakelandcollege.edu

Faculty Phone: 217-234-5356

OFFICE RECEPTIONIST

(CRT.OFREC) CERTIFICATE

Students will be trained for an entry level office position. They will complete coursework in Microsoft Office software, keyboarding, document formatting, and accounting. Students will also develop interpersonal and communication skills. All courses apply toward one of the Office Assistant degrees.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website.](#)

FIRST YEAR

First

Semester	Hours
BUS-114 Advanced Formatting *	3.0
BUS-094 Business Math	3.0
CIS-160 Practical Software Application	3.0
ENG-095 Business English	3.0
BUS-095 Fundamentals of Accounting or BUS-151 Financial Accounting *	3.0
CIS-094 Excel	2.0
SEMESTER TOTALS	17.0

Second

Semester	Hours
BUS-115 Processing Info * ++	3.0
BUS-060 Automated Office Procedures +++	3.0
BUS-079 Professional Development +++	3.0
BUS-141 Business Communications	3.0
BUS-061 Office Transcription *	2.0
CIS-058 Specialized Software Apps or CIS-099 Introduction to Web Technology or CIS-071 Introduction to Networking or CIS-101 Internet Systems/Applications	2.0
SEMESTER TOTALS	16.0
TOTAL PROGRAM HOURS	33.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

++ Course only offered spring and summer semester

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Lisa Earp

Faculty Email: learp@lakelandcollege.edu

Faculty Phone: 217-234-5356

OFFICE SUPPORT SPECIALIST

(NDP.OFSK.GEN) CERTIFICATE

Students will complete coursework in Microsoft Office software, keyboarding, document formatting, and accounting to prepare for an office support position. All courses apply toward one of the Office Assistant degrees.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR	
First Semester	Hours
BUS-114 Advanced Formatting *	3.0
CIS-160 Practical Software Application	3.0
BUS-141 Business Communications or BUS-079 Professional Development +++	3.0
BUS-095 Fundamentals of Accounting	3.0
--- --- Electives **	6.0
SEMESTER TOTALS	18.0
TOTAL PROGRAM HOURS	18.0

SUGGESTED ELECTIVES	
CIS-058 Spec Software Applications	3.0
BUS-115 Processing Info * ++	3.0
CIS-056 Advanced Software Applications * +	3.0
CIS-099 Introduction to Web Technology	3.0
BUS-060 Automated Office Procedures +++	3.0
BUS-079 Professional Development +++	3.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+++ Course only offered spring semester

** Electives must be approved by the Program Coordinator

++ Course only offered spring and summer semester

+ Course only offered fall semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Lisa Earp

Faculty Email: learp@lakelandcollege.edu

Faculty Phone: 217-234-5356

OFFICE SUPPORT SPECIALIST-MEDICAL

(NDP.OFSK.MED) CERTIFICATE

Students will complete coursework in Microsoft Office software, keyboarding, document formatting, and accounting to prepare for an office support position. In addition, students will take courses in medical terminology, medical insurance and coding, and medical transcription. All courses apply toward one of the Office Assistant degrees.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First

Semester	Hours
BUS-114 Advanced Formatting *	3.0
CIS-160 Practical Software Application	3.0
BUS-141 Business Communications or	
BUS-079 Professional Development +++	3.0
MCS-041 Medical Office Terminology	3.0
BUS-059 Medical Insurance and Coding	3.0
BUS-063 Medical Transcription (Module 1) *	1.0
BUS-084 Adv Medical Transcription (Module 2) *	1.0
--- --- Approved Elective **	1.0
SEMESTER TOTALS	18.0
TOTAL PROGRAM HOURS	18.0

SUGGESTED ELECTIVES

BIO-050 Basic Anatomy & Physiology	4.0
MCS-040 Health Info for Professionals	3.0
BUS-115 Processing Info * ++	3.0
BUS-060 Automated Office Procedures +++	3.0
BUS-059 Medical Insurance and Coding	3.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+++ Course only offered spring semester

** Electives must be approved by the Program Coordinator

++ Course only offered spring and summer semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Kathleen Daugherty

Faculty Email: kdaugherty@lakelandcollege.edu

Faculty Phone: 217-234-5355

OFFICE SUPPORT SPECIALIST-MICROSOFT OFFICE

(NDP.OFSK.MOS) CERTIFICATE

Students will complete coursework that focuses on Microsoft Office software, keyboarding, and document formatting to prepare for an office support position. All courses apply toward one of the Office Assistant degrees.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First Semester	Hours
BUS-114 Advanced Formatting *	3.0
CIS-160 Practical Software Application	3.0
BUS-141 Business Communications or BUS-079 Professional Development +++	3.0
CIS-093 Access	2.0
CIS-058 Specialized Software Apps or BUS-099 Computerized Accounting *	3.0
CIS-094 Excel	2.0
CIS-056 Advanced Software Applications * +	3.0
SEMESTER TOTALS	19.0
TOTAL PROGRAM HOURS	19.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+++ Course only offered spring semester

+ Course only offered fall semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Lisa Earp

Faculty Email: learp@lakelandcollege.edu

Faculty Phone: 217-234-5356

PARAMEDICAL SERVICES

(AAS.PS) ASSOCIATE IN APPLIED SCIENCE

The associate degree in Paramedical Services is a two-year intensive program that includes classroom, skills laboratory, hospital, and field clinical experiences. The student is awarded an associate in applied science degree upon successful completion of the program and will be eligible to take the Illinois Department of Public Health EMT-Paramedic licensing examination or the National Registry of EMT's examination.

Completion of the associate degree in Paramedical Services does not guarantee licensure. There are some specific conditions that the Illinois Department of Public Health may refuse licensure. Please consult with Emergency Services Director to avoid licensure hindrances. This program is conducted in cooperation with Sarah Bush Lincoln Health Center, and is approved by the Illinois Department of Public Health, and the Division of EMS and Highway Safety. Program graduates are prepared for career opportunities in the field of emergency medical services to include urban and rural ambulance services and/or fire departments; industrial settings; clinical settings. Students must complete a file with Emergency Medical Services by October 1 of the previous year to enter the Paramedical Services Program. Required documents are: immunizations as required by the Illinois Department of Public Health for Healthcare Providers, current AHA BLS CPR training for the Healthcare Provider, current driver's license or state of Illinois picture ID, high school diploma or GED, physical exam, background check, and drug test. Paramedic students must obtain EMT-Basic licensure, and successfully complete Anatomy and Physiology BIO 225 and BIO 100 prior to acceptance into the Paramedical program. In addition to tuition and fees, costs for the EMS Paramedical services program include textbooks, supplies, clinical attire, and transportation to clinical sites.

Upon completion of the degree, there will be additional expenses including licensure application fee and testing fee.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR		SECOND YEAR	
First		First	
Semester	Hours	Semester	Hours
EMS-050 Emergency Medical Tech-Basic	7.5	EMS-062 EMS Pharmacology * +	2.0
BIO-225 Human Ana/Phys I *	4.0	EMS-083 Paramedic III +	6.0
PSY-279 Human Dev/Life Span	3.0	PSY-271 Intr/Psychology	3.0
AHE-055 Math for Meds	2.0	EMS-085 Paramedic Internship II	1.0
SEMESTER TOTALS	16.5	EMS-087 Parmedic Skills III	3.0
Second		SEMESTER TOTALS	15.0
Semester		Second	
EMS-063 Paramedic I * +++	6.0	Semester	
EMS-067 Paramedic Skills I * +++	2.0	EMS-093 Paramedic IV *	4.0
BIO-226 Human Ana/Phys II *	4.0	EMS-097 Paramedicskills IV	2.0
HED-290 Disease Processes *	2.0	EMS-095 Paramedic Internship III *	4.0
ENG-120 Composition I *	3.0	SEMESTER TOTALS	10.0
SEMESTER TOTALS	17.0	TOTAL PROGRAM HOURS	67.5
Summer			
Term			
EMS-073 Paramedic II * ++++	6.0		
EMS-075 Paramedic Internship I	1.0		
EMS-077 Paramedic Skills II	2.0		
SEMESTER TOTALS	9.0		

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+++ Course only offered spring semester

++++ Course offered in summer term only

+ Course only offered fall semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Jasmine Ballard

Faculty Email: jballard9365@lakelandcollege.edu

Faculty Phone: 217-234-5370

PARAMEDICAL SERVICES

(CRT.PS) CERTIFICATE

This certificate program is designed to provide the student with an in-depth study of pathophysiology, assessment, management and care of patients in the prehospital and out-of-hospital setting. Students successfully completing the classroom skills laboratory, hospital clinical and field clinical requirement will be eligible to take the Illinois Department of Public Health EMT-Paramedic licensing examination or the National Registry of EMT's examination. Completion of the certificate in Emergency Medical Services does not guarantee licensure. Program graduates are prepared for career opportunities in the field of emergency medical services, including urban and rural ambulance services and/or fire departments; industrial settings, and clinical settings. This program is conducted in cooperation with Sarah Bush Lincoln Health Center and is approved by the Illinois Department of Public Health and Highway Safety. Students must successfully complete BIO 050 Basic Anatomy and Physiology or BIO 225 Human Anatomy and Physiology I prior to Paramedic courses. Students must complete a file with Emergency Medical Services by October 1 of the previous year to enter the Paramedical Services Program. Required documents are: immunizations as required by the Illinois Department of Public Health for Healthcare Providers, current AHA BLS CPR training for the Healthcare Provider, current driver's license or state of Illinois picture ID, high school diploma or GED, physical exam, background check, and drug test. Paramedic students must obtain EMT-Basic licensure, and successfully complete Anatomy and Physiology BIO 225 and BIO 100 prior to acceptance into the Paramedical program. In addition to tuition and fees, costs for the EMS Paramedical services program include textbooks, supplies, clinical attire, and transportation to clinical sites.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website.](#)

FIRST YEAR		SECOND YEAR	
First Semester	Hours	First Semester	Hours
EMS-050 Emergency Medical Tech-Basic *	7.5	EMS-062 EMS Pharmacology *	2.0
SEMESTER TOTALS	7.5	EMS-083 Paramedic III *	6.0
Second Semester		EMS-085 Paramedic Internship II *	1.0
EMS-063 Paramedic I *	6.0	EMS-087 Paramedic Skills III *	3.0
EMS-067 Paramedic Skills I *	2.0	SEMESTER TOTALS	12.0
SEMESTER TOTALS	8.0	Second Semester	
Summer Term		EMS-093 Paramedic IV *	4.0
EMS-073 Paramedic II *	6.0	EMS-095 Paramedic Internship III *	4.0
EMS-075 Paramedic Internship I *	1.0	EMS-097 Paramedicskills IV *	2.0
EMS-077 Paramedic Skills II *	2.0	SEMESTER TOTALS	10.0
SEMESTER TOTALS	9.0	TOTAL PROGRAM HOURS	46.5

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Jasmine Ballard
Faculty Email: jballard9365@lakelandcollege.edu
Faculty Phone: 217-234-5370

PARAPROFESSIONAL EDUCATION

(CRT.PRPRO) CERTIFICATE

This program is designed to provide students with the knowledge base and practical skills necessary for assisting with children and teachers in a public school setting. The certificate option is the first year of the two-year associate in applied science degree in Paraprofessional Education. Students are encouraged to check with their local school district on specific college education requirements needed in the field of paraprofessional education.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First

Semester	Hours
ENG-120 Composition I *	3.0
EDU-100 Introduction to Education ^^	3.0
LIT-150 Children's Literature *	3.0
ECE-095 Creative Activities/Children	4.0
MAT-118 Math for Elem Teachers I *	3.0
ECE-110 Child Behavior Management	3.0
SEMESTER TOTALS	19.0

Second

Semester

EDU-103 Teaching/Learning W/Technology	3.0
PSY-274 Child Development	3.0
SPE-111 Intro to Speech Communication	3.0
EDU-190 Introduction/Special Education	3.0
MAT-218 Math for Elem Teachers II *	3.0
--- --- Electives ^^	3.0
SEMESTER TOTALS	18.0
TOTAL PROGRAM HOURS	37.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

^^ Course requires a 30-hour practicum experience in addition to classroom lecture hours

^^ Consult Academic Advisor for appropriate course

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Teresa Lang

Faculty Email: tlang@lakelandcollege.edu

Faculty Phone: 217-234-5426

PARAPROFESSIONAL EDUCATOR

(AAS.PRPRO) ASSOCIATE IN APPLIED SCIENCE

This program is designed to provide students with the knowledge base and practical skills necessary for assisting teachers in a public school setting. This degree is suited for individuals who desire a career working with children in an educational learning environment. In response to the No Child Left Behind Act, this degree in Paraprofessional Education meets the recommended curriculum outlined by the Illinois State Board of Education.

ECE 120 and 125 must be taken the same semester.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR		SECOND YEAR	
First		First	
Semester	Hours	Semester	Hours
ENG-120 Composition I *	3.0	BIO-100 Bio Science I	4.0
EDU-100 Introduction to Education ^^	3.0	ENG-121 Composition II	3.0
LIT-150 Children's Literature *	3.0	ECE-102 Health/Safety/Nutri/Yng Child	3.0
EDU-103 Teaching/Learning W/Technology	3.0	PSY-271 Intr/Psychology	3.0
MAT-118 Math for Elem Teachers I *	3.0	ECE-095 Creative Activities/Children	4.0
ECE-110 Child Behavior Management	3.0	SEMESTER TOTALS	17.0
SEMESTER TOTALS	18.0	Second	
Second		Semester	
Semester		HUM-150 Humanities Through the Arts	3.0
PSY-274 Child Development	3.0	EDU-200 Educational Psychology	3.0
SPE-111 Intro to Speech Communication	3.0	EDU-210 Diversity/Schools & Societies	3.0
EDU-190 Introduction/Special Education	3.0	ECE-120 Field Experience Seminar *	1.0
MAT-218 Math for Elem Teachers II *	3.0	ECE-125 Field Experience *	3.0
ECE-083 Instructional Methods	3.0	--- --- Electives ^^	3.0
SEMESTER TOTALS	15.0	SEMESTER TOTALS	16.0
		TOTAL PROGRAM HOURS	66.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

^^^ Course requires a 30-hour practicum experience in addition to classroom lecture hours

^^ Consult Academic Advisor for appropriate course

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Teresa Lang
Faculty Email: tlang@lakelandcollege.edu
Faculty Phone: 217-234-5426

PHYSICAL THERAPIST ASSISTANT

(AAS.PTA) ASSOCIATE IN APPLIED SCIENCE

The Physical Therapist Assistant (PTA) is a skilled health employee working under the supervision of a licensed physical therapist to provide direct care to patients in a variety of health care settings. The professional care given by the PTA focuses on patients of all ages with temporary or permanent functional limitations due to illness, disease or injury. The PTA works closely with patients to restore function, prevent or relieve pain, prevent disability and restore physical coordination, strength and mobility through therapeutic exercise and the application of modalities. Physical therapy is physically demanding work. Students need to have good general health and the strength, stamina and flexibility necessary to carry out assignments.

Housed at the Lake Land College Kluthe Center for Higher Education and Technology in Effingham, Illinois, the PTA program is a five consecutive semester program which includes classroom, skills laboratory and clinical experience in various healthcare facilities. Once admitted to the program, the student must progress through the courses corresponding to the curriculum model. A "C" grade is required in all PTA curriculum courses for progression/completion.

The PTA program at Lake Land College is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE, 1111 North Fairfax Street, Alexandria, Virginia 22314; telephone: 703-706-3245; email: accreditation@apta.org; website: capteonline.org.)

The PTA program was initially granted accreditation in 1994, and has been granted reaccreditation in 1999 and 2008. The next reaccreditation site visit is scheduled for 2018. Students who have successfully completed the program will be eligible to sit for the National Board Examination for Physical Therapist Assistants.

The PTA program is competitive and selects 24 students for each fall class. PTA application requirements include admission to Lake Land College; completion of the PTA program application form (obtained from the PTA website); completion of the college placement assessment tests (PTA applicants are eligible to take the college placement assessment tests more than twice); and completion of the one (1) Biology prerequisite course (one year high school biology/zoology/A & P, or Lake Land College BIO 050, Basic Anatomy and Physiology; or BIO 100, Bio Science I; or BIO 225, Human Anatomy and Physiology I; or BIO 226, Human Anatomy and Physiology II; or equivalent) with a "C" or better within the past five (5) years. It is the responsibility of students to see that their application file is completed by March 1 for consideration for the fall semester. In addition to tuition and fees, costs for the PTA program include: physical examination and immunization, workbooks, criminal background check, drug testing, clinical attire, transportation to clinical experiences (attempts will be made to keep travel distance no greater than 75 miles one way or 1.5 hours) and the board exam/license fee.

Download the PTA Selection Process Sheet and Checklist for complete application procedure, scoring rubric and application procedure from the college website.

See career track program Physical Therapist Assistant Track (AAS.PTA.TRK) when selecting a major.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR			SECOND YEAR		
First			First		
Semester		Hours	Semester		Hours
PTA-080	Fundamentals of PTA I * +	4.0	PTA-094	Fundamentals of PTA III * +	6.0
PTA-081	PTA Clinical Practicum I * +	1.0	PTA-095	Orthopedic Concepts & Appl * +	4.0
ENG-120	Composition I	3.0	PTA-097	PTA Clinical Practicum IV * +	2.0
BIO-225	Human Ana/Phys I *	4.0	HED-178	Responding to Emergencies	2.0
PHY-110	Concepts of Physics	4.0	SPE-111	Intro to Speech Communication	3.0
SEMESTER TOTALS		16.0	SEMESTER TOTALS		17.0
Second			Second		
Semester			Semester		
PTA-082	Fundamentals of PTA II * +++	6.0	PTA-096	Fundamentals of PTA IV * +++	5.0
BIO-226	Human Ana/Phys II *	4.0	PTA-093	Pathology for PTA * +++	2.0
PED-244	Kinesiology * +++	4.0	PTA-098	PTA Seminar * +++	2.0
PSY-271	Intr/Psychology	3.0	PTA-099	PTA Clinical Practicum V * +++	4.0
SEMESTER TOTALS		17.0	PSY-275	Psych of Maturity and Old Age	3.0
SEMESTER TOTALS		17.0	SEMESTER TOTALS		16.0
Summer			TOTAL PROGRAM HOURS		
Term			69.0		
PTA-085	PTA Clinical Practicum III * ++++	3.0			
SEMESTER TOTALS		3.0			

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+ Course only offered fall semester

+++ Course only offered spring semester

++++ Course offered in summer term only

PHYSICAL THERAPIST ASSISTANT - TRACK

(AAS.PTA.TRK)

The Physical Therapist Assistant Track prepares the student for acceptance into the Physical Therapist Assistant (PTA) program. Applicants are instructed to begin their PTA application with the AAS.PTA.TRK major code. Students are counseled on admission requirements into the PTA Program as well as preparatory course work that will increase their success rate once they are accepted into the PTA program. Once accepted into the PTA program, the major code will be changed to AAS.PTA.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Martha Mioux

Faculty Email: mmioux@lakelandcollege.edu

Faculty Phone: 217-540-3551

PRACTICAL NURSING

(CRT,PN) CERTIFICATE

The Practical Nursing program is a three, consecutive semester program that includes classroom, skills laboratory, and clinical experience in various healthcare agencies. Upon successful completion of the program, the graduate may apply to take the National Council Licensure Examination for Practical Nursing (NCLEX-PN). Upon successful completion of the NCLEX-PN, the graduate may apply for PN licensure. Completion of the PN program does not guarantee PN licensure. The Department of Financial and Professional Regulations (IDFPR) may refuse to issue a license, if a candidate has a criminal history. Please consult with the Director of the Lake Land College PN program to avoid license application hindrances.

The program is approved by the IDFPR and accredited by the Accreditation Commission for Education in Nursing (ACEN), 3343 Peachtree Rd NE, Suite 850, Atlanta, GA 30326; Phone: 404-975-5000, Fax: 404-975-5020.

Applicants seeking admission into the Practical Nursing program must have a completed application file in the Nursing Department by March 1, or the preceding business day if March 1 falls on a weekend. Applicants will be notified in writing of acceptance/denial within six weeks of the deadline.

Download the PN checklist from the website for complete instructions for the application process

Admission Criteria

The following procedures must be satisfied before admission to the Lake Land College PN Program can be considered.

1. Complete an Intent to Enroll for Lake Land College and submit to Admissions & Records. (Note: acceptance to the college does not guarantee admission into the PN program.)
2. Complete a Nursing Department Intent form indicating interest in the Practical Nursing Program.
3. Achieve satisfactory scores on the Lake Land College Placement test, SAT, or ACT to determine eligibility to take the HESI A2 Admission assessment exam. See admission checklist for details.
4. Achieve a satisfactory score of 70 on the HESI A2 Admission assessment exam. The most recent exam scores will be used for admissions. To ensure complete application, a satisfactory score (70 or above) must be obtained prior to the March 1 application deadline. Test scores are valid for five years.

5. Admission criteria and procedures are in accordance with Illinois law. If there are more qualified applicants than spaces available in the program, admission is competitive and selective using an objective formula approved by the Nursing Department. Selection criteria includes the date on the nursing intent form, academic achievement, and HESI A2 Admission assessment exam score.

Note: State regulations require that qualified in-district residents must be accepted before any consideration can be given to out-of-district applicants.

6. High school students who successfully complete Partnership for Career and College Success (PCCS) curriculum should consult with the Director of Nursing regarding enrollment requirements and procedures.

Acceptance

Acceptance is tentative upon completion/receipt of the following:

1. Completed Lake Land College Practical Nursing Program physical exam, proof of immunizations, and current CPR certification. (Note: CPR and immunizations must remain current throughout the program).
2. Complete background check and drug screening.
3. Attend the nursing program orientation during the summer preceding PNC 050. Students will be contacted regarding the orientation date.
4. Maintain an overall grade point average of 2.00 (i.e. good academic standing). This is a requirement to progress/graduate from the PN program.

Cost In addition to tuition and fees, costs for the PN program include: textbooks, uniforms, supplies, physical examination and immunizations, background check, drug screening and transportation to hospital clinical experiences. Additional expenses upon successful completion of the program include licensure application fees, NCLEX-PN test fees, and PN license fees.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First Semester	Hours
PNC-049 Found of Nursing +	6.0
PNC-050 Practical Nursing I +	10.0
SEMESTER TOTALS	16.0
Second Semester	Hours
PNC-052 Practical Nursing II +++	15.0
PNC-053 Basic Pharmacology I +++	2.0
SEMESTER TOTALS	17.0
Summer Term	Hours
PNC-054 Practical Nursing III	7.0
PNC-055 Basic Pharmacology II	1.0
SEMESTER TOTALS	8.0
TOTAL PROGRAM HOURS	41.0

+ Course only offered fall semester

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Cheryl Beam
Faculty Email: cbeam@lakelandcollege.edu
Faculty Phone: 217-234-5452

PRACTICAL NURSING - TRACK

(CRT.PN.TRK)

The Practical Nursing Certificate Track (CRT.PN.TRK) prepares the student for acceptance into the Practical Nursing (PN) program, which begins in the fall semester only. The nursing programs at Lake Land College are competitive, special admission program. Students should follow the application process carefully. Students are counseled regarding admission requirements into the Practical Nursing program as well as preparatory course work that may increase their success once they are accepted into the PN program. Prerequisite course work is not required for acceptance. Upon acceptance into the PN program, the director will change the program code to (CRT.PN).

Interested students should submit the Intent to Enroll form and list their major CRT.PN.TRK. Then, follow the PN Checklist carefully for instructions about the application procedure.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Cheryl Beam
Faculty Email: cbeam@lakelandcollege.edu
Faculty Phone: 217-2345452

PROFESSIONAL SALES

(CRT.SALES) CERTIFICATE

The certificate in Professional Sales prepares students for entry level positions in sales. Employees can use this program to prepare for upward mobility and/or update sales and marketing skills. All courses satisfactorily completed in this certificate program will apply to the associate in applied science degree with a major in management or marketing.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First Semester	Hours
BUS-090 Prin of Retailing ++++ or	
BUS-142 Introduction to Business	3.0
BUS-247 Principles of Marketing	3.0
BUS-092 Principles of Selling	3.0
BUS-141 Business Communications	3.0
CIS-160 Practical Software Application	3.0
BUS-094 Business Math	3.0
--- --- Career Elective **	3.0
--- --- Career Elective **	3.0
SEMESTER TOTALS	24.0
TOTAL PROGRAM HOURS	24.0

++++ Course offered in summer term only

** Electives must be approved by the Program Coordinator

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: John Carpenter

Faculty Email: jcarpent@lakelandcollege.edu

Faculty Phone: 217-234-5347

PROGRAMMABLE LOGIC CONTROLLERS

(NDP,PLC) CERTIFICATE

This program is designed for students who already have a background in electrical or electronic skills and wish to obtain specialized skills in PLC programming.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR

First

Semester	Hours
EET-086 Prog Logic Controllers I *	2.0
EET-087 Prog Logic Controllers II *	2.0
EET-075 HMI-Human Machine Interface *	2.0
SEMESTER TOTALS	6.0
TOTAL PROGRAM HOURS	6.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Michael Beavers

Faculty Email: mbeavers@lakelandcollege.edu

Faculty Phone: 217-234-5341

PUBLIC SAFETY TELECOMMUNICATOR

(NDP,PST) CERTIFICATE

The Lake Land College Public Safety Telecommunicator Certification Program is designed with the assistance of 911 Dispatch/Telecommunicator Personnel and a suggested program by leaders in public safety communication. The program is modeled from an Illinois Public Safety Telecommunicator Certification Program designed by the joint effort of the Association of Public Safety Communications Officials (APCO) and the National Emergency Number Association (NENA). The suggested certification has been approved by the Public Safety Telecommunicator Training Standards and Certification Committee (PSTTSCI) for the purpose of providing the students of the program with a basic understanding of public safety communications including field internship, and courses directly related to skills and knowledge required to successfully acquire and maintain employment as a public safety telecommunicator. It is designed to provide a student who successfully completes the certification program with the basic skills and knowledge that will be required by public safety telecommunicator dispatch centers. Completion of this program does not guarantee certification by the state of Illinois, or employment by a public safety telecommunicator agency.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First Semester	Hours
BUS-113 Keyboarding	3.0
CIS-160 Practical Software Application	3.0
EMS 091 Public Safety Telecommunicator	3.0
HED-178 Responding to Emergencies	2.0
SPE-200 Interpersonal Communication	3.0
PSY-271 Intr/Psychology	3.0
SEMESTER TOTALS	17.0
TOTAL PROGRAM HOURS	17.0

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Jasmine Ballard
Faculty Email: jballard9365@lakelandcollege.edu
Faculty Phone: 217-234-5370

RADIO BROADCASTING

(CRT.RBRD) CERTIFICATE

Students will learn how to be a multi-skilled broadcaster capable of performing a wide variety of tasks performed at a radio station by participating in an intensive, hands-on program. Students will gain knowledge of sales, announcing, radio operations, and the practical/theoretical aspects of radio broadcasting. All coursework in the Radio Broadcasting certificate can be applied to an associate in applied science degree in Radio/TV Broadcasting.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First

Semester	Hours
RTV-150 Introduction to Broadcasting +	3.0
RTV-155 Radio TV Announcing +	3.0
RTV-070 Radio Production Lab * +	5.0
SPE-111 Intro to Speech Communication	3.0
SEMESTER TOTALS	14.0

Second

Semester	Hours
RTV-160 Radio Station Operation +++	5.0
RTV-165 Broadcast Writing +++	4.0
RTV-175 Broadcast Sales +++	3.0
RTV-185 Advanced Radio Production * +++	4.0
--- --- Career Elective	3.0
SEMESTER TOTALS	19.0
TOTAL PROGRAM HOURS	33.0

+ Course only offered fall semester

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Gregory Powers

Faculty Email: gpowers@lakelandcollege.edu

Faculty Phone: 217-2345335

RADIO/TV BROADCASTING

(AAS.RTV) ASSOCIATE IN APPLIED SCIENCE

Radio/TV Broadcasting provides students with the skills necessary for positions of employment in local and regional radio and television stations. Students receive hands-on training with much of the same equipment found in today's broadcast industry. Upon completion of a Radio/TV degree, students will be able to write news, sports, commercials and promotional announcements for use on radio and television; to function as radio/television announcers; and to operate state-of-the-art digital audio systems, a non-linear digital video editing system and a radio control console. Students will also be proficient in the effective techniques of radio and television sales and will be able to operate an assortment of video production equipment. For those interested, training in sports play-by-play is also available. Experience is obtained on the college FM stereo radio station, through work in the non-broadcast television studio, by using television field equipment and through the use of audio and video digital editing systems. Internships at local radio and television stations are available.

For students who want to transfer: A program can be designed for a student who wants to transfer to a university with an emphasis in radio and television. If a student completes the program, the Illinois Articulation Initiative (IAI) General Education Requirements are fulfilled. Classes in the Radio-TV major are accepted as an equivalent, general elective in the major, or general elective. Following completion, a student receives an associate in applied science degree with all general education requirements satisfied.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR

First Semester	Hours
RTV-150 Introduction to Broadcasting +	3.0
RTV-155 Radio TV Announcing +	3.0
ENG-120 Composition I *	3.0
SPE-111 Intro to Speech Communication	3.0
--- --- Elective	3.0
SEMESTER TOTALS	15.0
Second Semester	
RTV-160 Radio Station Operation +++	5.0
RTV-165 Broadcast Writing +++	4.0
ESC-102 Weather and Climate	4.0
PSY-271 Intr/Psychology	3.0
SEMESTER TOTALS	16.0

SECOND YEAR

First Semester	Hours
RTV-180 Basic TV Production +	3.0
RTV-070 Radio Production Lab * +	5.0
ECO-130 The American Economy or	
ECO-231 Principles of Econ I (Macro)	3.0
--- --- Electives	6.0
SEMESTER TOTALS	17.0
Second Semester	
RTV-175 Broadcast Sales +++	3.0
RTV-185 Advanced Radio Production * +++	4.0
HIS-156 History of the U.S. II	3.0
--- --- Elective	3.0
SFS-101 Strategies for Success or	
HED --- Health Elective or	
PED --- P.E. Elective	2.0
SEMESTER TOTALS	15.0
TOTAL PROGRAM HOURS	63.0

SUGGESTED ELECTIVES

RTV-072 Fall Sportscasting +	1.0
SPE-200 Interpersonal Communication * +	3.0
SPE-220 Persuasive Speaking *	3.0
ITT-068 Digital Video Effects +++	3.0
RTV-073 Spring Sportscasting +++	2.0
RTV-082 Fall Athletic Announcing +	1.0
RTV-083 Spring Athletic Announcing +++	2.0
POS-160 American National Government	3.0
SPE-213 Intro/Group Discussion * +	3.0
CIS-099 Web Page Design *	3.0
CIS-066 Digital Video Production +	3.0

+ Course only offered fall semester

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Gregory Powers

Faculty Email: gpowers@lakelandcollege.edu

Faculty Phone: 217-2345335

RENEWABLE ENERGY

(AAS.RNRG) ASSOCIATE IN APPLIED SCIENCE

This program prepares students for entry level positions into the field of renewable energy technicians and technical maintenance. Emphasis is placed on "green" technologies including electricity, physics, chemistry, wind, photovoltaics, solar thermal, bioenergy, energy efficiency, and smart grid technology. There is a critical skill shortage of trained workers knowledgeable with issues relating specifically to renewable energy and who can troubleshoot renewable energy systems.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR			SECOND YEAR		
First Semester			First Semester		
EET-040	Basic Electronics	2.5	TEC-064	Bioenergy	3.0
EET-050	Electric Circuits I *	2.5	CHM-111	Concepts of Chemistry	4.0
HED-178	Responding to Emergencies	2.0	SPE-111	Intro to Speech Communication	3.0
TEC-050	Technical Math I	2.0	EET-072	Relays and Control Circuits	2.0
TEC-052	Technical Math II *	2.0	EET-086	Prog Logic Controllers I	2.0
TEC-057	Intro to Renewable Energy	3.0	SEMESTER TOTALS		
WND-040	Intro to Wind Technology	3.0	14.0		
SEMESTER TOTALS			Second Semester		
17.0			ECO-231	Principles of Econ I (Macro)	3.0
Second Semester			TEC-063	Electric Power Distribution	3.0
PHY-110	Concepts of Physics	4.0	--- ---	Technical Electives	6.0
TEC-054	Technical Math III *	2.0	SEMESTER TOTALS		
TEC-056	Technical Math IV *	2.0	12.0		
ENG-120	Composition I *	3.0	TOTAL PROGRAM HOURS		
TEC-058	Alternative Energy	3.0	60.0		
EET-068	Photovoltaic Systems *	3.0	SUGGESTED ELECTIVES		
SEMESTER TOTALS			EET-070	Photovoltaic Technician	2.0
17.0			WND-041	Wind Technology Maintenance I *	3.0
			TEC-059	Energy Management	2.0
			TEC-068	Sp Topics Renewable Energy	0.5
			TEC-069	Site Assessment/Renew Energy	2.0
			CAD-056	CAD I	2.0
			IND-044	Fluid Power	3.0
			IND-062	Rigging and Hoisting	1.0
			MET-043	Motors and Generators	2.5
			MTT-050	Intro to Machining Procedures	3.0
			TEC-040	Blueprint Reading/Industry I	2.5
			IND-042	Pipefitting Procedures	1.0
			WEL-056	Metal Cutting and Fabrication *	2.0
			EET-052	Solid State Circuits	4.0
			WEL-057	Welding Fundamentals	2.5
			EET-075	HMI-Human Machine Interface	2.0
			EET-087	Prog Logic Controllers II	2.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
 Email: counsel@lakelandcollege.edu

Faculty Contact: Joseph Tillman
 Faculty Email: jtillman@lakelandcollege.edu
 Faculty Phone: 217-234-5313

RENEWABLE ENERGY MANAGEMENT

(CRT.REMG) CERTIFICATE

This program prepares students for entry level into the field of renewable energy sales, marketing, management, and administration. Emphasis is placed on "green" technologies including electricity, wind, photovoltaics, solar thermal, bioenergy, energy efficiency, and smart grid technology. There is a critical skill shortage of trained workers knowledgeable with issues relating specifically to renewable energy and who can act in support roles.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website.](#)

FIRST YEAR	
First Semester	Hours
BUS-142 Introduction to Business	3.0
ENG-120 Composition I * or BUS-141 Business Communications *	3.0
ECO-231 Principles of Econ I (Macro) or BUS-247 Principles of Marketing	3.0
TEC-057 Intro to Renewable Energy	3.0
Technical Elective **	3.0
SEMESTER TOTALS	15.0
Second Semester	
TEC-053 Technical Project Management	3.0
ECO-232 Prin Economics II (Micro) *	3.0
BUS-251 Principles of Management or SPE-111 Intro to Speech Communication	3.0
TEC-058 Alternative Energy	3.0
Technical Electives	6.0
SEMESTER TOTALS	18.0
TOTAL PROGRAM HOURS	33.0

SUGGESTED ELECTIVES	
EET-065 Home Technology Integration	3.0
EET-070 Photovoltaic Technician	2.0
WND-040 Intro to Wind Technology	3.0
WND-041 Wind Technology Maintenance I *	3.0
WND-042 Twr Rescue & Competent Climber *	0.5
TEC-057 Intro to Renewable Energy	3.0
TEC-058 Alternative Energy	3.0
TEC-059 Weatherization Tech/Installer	3.0
TEC-061 Solar Energy	3.0
TEC-062 Solar Thermal Applications	2.0
TEC-063 Electric Power Distribution *	3.0
TEC-064 Bioenergy	3.0
TEC-065 Energy Efficiency	3.0
TEC-066 Resource Sustainability	3.0
TEC-067 Smart Grid Introduction	3.0
TEC-068 Sp Topics Renewable Energy	0.5
TEC-069 Site Assessment/Renew Energy	2.0
CAD-063 Wind Energy Design	3.0
CAD-056 CAD I	2.0
EET-069 Residential Wiring I *	3.0
EET-072 Industrial Control I *	2.0
EET-086 Prog Logic Controllers I *	2.0
IND-044 Fluid Power	3.0
IND-062 Rigging and Hoisting	1.0
MET-043 Motors and Generators *	2.5
MTT-050 Intro to Machining Procedures	3.0
TEC-040 Blueprint Reading/Industry I	2.5
IND-042 Pipefitting Procedures	1.0
WEL-056 Metal Cutting and Fabrication *	2.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

** Electives must be approved by the Program Coordinator

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Joseph Tillman
Faculty Email: jillman@lakelandcollege.edu
Faculty Phone: 217-234-5313

RENEWABLE ENERGY TECHNICIAN

(CRT.RENEW) CERTIFICATE

This program prepares students for entry level positions into the field of renewable energy technicians and technical maintenance. Emphasis is placed on "green" technologies including electricity, physics, chemistry, wind, photovoltaics, solar thermal, bioenergy, energy efficiency, and smart grid technology. There is a critical skill shortage of trained workers knowledgeable with issues relating specifically to renewable energy and who can troubleshoot renewable energy systems.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website.](#)

FIRST YEAR		Hours
First Semester		
TEC-057	Intro to Renewable Energy	3.0
IND-044	Fluid Power	3.0
EET-040	Basic Electronics	2.5
EET-050	Electric Circuits I *	2.5
TEC-048	Applied Shop Computations	3.0
TEC-043	Industrial Safety	1.0
WND-040	Intro to Wind Technology	3.0
SEMESTER TOTALS		18.0
Second Semester		
EET-072	Industrial Control I	2.0
IND-052	Electrical Installation Proc * +++	2.5
EET-086	Prog Logic Controllers I * +++	2.0
--- ---	Technical Elective	2.5
EET-068	Photovoltaic Systems *	3.0
WND-041	Wind Technology Maintenance I *	3.0
SEMESTER TOTALS		15.0
TOTAL PROGRAM HOURS		33.0

SUGGESTED ELECTIVES		Hours
BUS-089	Small Business Management	3.0
CAD-056	CAD I	2.0
EET-069	Residential Wiring I	3.0
EET-070	Photovoltaic Technician	2.0
EET-075	HMI-Human Machine Interface	2.0
IND-054	Trouble Shooting & Prev Maint	3.0
IND-062	Rigging and Hoisting	1.0
MET-043	Motors and Generators	2.5
WEL-057	Welding Fundamentals	2.5

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Joseph Tillman
Faculty Email: jtillman@lakelandcollege.edu
Faculty Phone: 217-234-5313

RESIDENTIAL WIRING

(NDP.RSWR) CERTIFICATE

The Residential Wiring certificate is designed to prepare graduates for employment in residential construction occupations. The program focuses on the fundamentals of direct current and alternating current, technical mathematics, safety and residential wiring procedures according to the National Electrical Code®. Graduates of this program will function as skilled technicians performing installation, troubleshooting, maintenance, and repair of electrical systems associated with residential power.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR

First Semester		Hours
TEC-050	Technical Math I (Module 1)	2.0
TEC-052	Technical Math II (Module 2) *	2.0
IND-046	Concepts of Electricity +	3.0
SEMESTER TOTALS		7.0
Second Semester		Hours
TEC-043	Industrial Safety	1.0
EET-069	Residential Wiring I * +++	3.0
SEMESTER TOTALS		4.0
TOTAL PROGRAM HOURS		11.0

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+ Course only offered fall semester

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Kris Kersey

Faculty Email: kkersey@lakelandcollege.edu

Faculty Phone: 217-234-5304

ROBOTIC & AUTOMATED MANUFACTURING

(AAS.CIM) ASSOCIATE IN APPLIED SCIENCE

This program is designed to give the student a broad background in the basics of robotics, automation, mechanics, fluid power, CAD, electronics and computer applications in manufacturing. Graduates will be prepared for the manufacturing jobs of the future in positions such as CAD/CAM operator/designer, manufacturing engineering technician, quality control technician, robotics technician, CNC operator/programmer, CIM or Automation Technician. Employment opportunities exist in many types of manufacturing industries, service industries and consulting firms. Upon completion, students can also receive industry recognized certificates from Fanuc, OSHA, AutoCad, and others. Students planning to continue their education at Eastern Illinois University or Southern Illinois University to earn a bachelor's degree in Industrial or Engineering Technology should consult their advisor/counselor for course requirements and substitutions.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR			SECOND YEAR		
First Semester		Hours	First Semester		Hours
TEC-050	Technical Math I (Module 1)	2.0	EET-086	Prog Logic Controllers I	2.0
TEC-052	Technical Math II (Module 2) *	2.0	HED-178	Responding to Emergencies	2.0
CAD-056	CAD I	2.0	CIM-044	Industrial Robotics +	2.0
EET-040	Basic Electronics (Module 1)	2.5	CIM-092	Computer-Aided Manufacturing * +	3.0
ENG-098	Communications I or		IND-044	Fluid Power	3.0
ENG-120	Composition I	3.0	TEC-070	Properties of Metal	2.5
EET-050	Electric Circuits I (Module 2)	2.5	EET-072	Industrial Control I	2.0
TEC-103	Engineering Graphics	3.0		SEMESTER TOTALS	16.5
	SEMESTER TOTALS	17.0		Second Semester	
			EET-087	Prog Logic Controllers II *	2.0
			CAD-062	Introduction to Solidworks	2.0
			MET-084	Technical Mechanisms *	3.0
			CIM-094	Computer Integrated Manf * +++	3.0
			--- ---	Social Science Elective	3.0
			EET-075	HMI-Human Machine Interface	2.0
			--- ---	Technical Elective	0.5
				SEMESTER TOTALS	15.5
				TOTAL PROGRAM HOURS	64.5
				SUGGESTED ELECTIVES	
			CAD-058	CAD Drafting Systems * +	2.0
			CAD-059	Special Applications of CAD * +++	3.0
			CAD-075	Supervised Occupational Exp	3.0
			EET-052	Solid State Devices	4.0
			EET-056	Electronic Design/Fabrication	3.0
			EET-060	Computer Hardware	3.0
			EET-063	Industrial Computer Systems	3.0
			IND-052	Electrical Installation Proc	2.5
			MET-043	Motors and Generators	2.5
			WEL-047	Shielded Metal Arc Welding I	2.0
			WEL-056	Metal Cutting and Fabrication	2.0
			WEL-058	Gas Metal Arc Welding I	2.0
			WEL-061	Gas Tungsten Arc Welding	3.0
			CAD-060	3D Solid Modeling	3.0
			CAD-061	3D Parametric Design	3.0
			TEC-043	Industrial Safety	1.2

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+++ Course only offered spring semester

+ Course only offered fall semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Leo Kitten

Faculty Email: lkitten@lakelandcollege.edu

Faculty Phone: 217-234-5316

SUSTAINABLE ENERGY

(NDP.SNRG) CERTIFICATE

The Sustainable Energy certificate is a broad survey of the emerging technologies for renewable and alternative energy and the potential for their development and use. Students will be able to describe the types of renewable and alternative energy, how it is generated, and the potential for energy development. Completing the certificate will develop a foundational understanding of renewable energy that can be used for more advanced coursework or to gain entry-level employment in the emerging green technology field.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR

First Semester	Hours
TEC-057 Intro to Renewable Energy	3.0
SEMESTER TOTALS	3.0
Second Semester	
TEC-058 Alternative Energy	3.0
SEMESTER TOTALS	3.0
TOTAL PROGRAM HOURS	6.0

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Joseph Tillman
Faculty Email: jtillman@lakelandcollege.edu
Faculty Phone: 217-234-5313

TV FIELD/STUDIO PRODUCTION

(NDP.TVFS) CERTIFICATE

Students will gain experience with the equipment used in studio and on-location television productions and learn to work as a director, non-linear editor, audio engineer, floor director, and camera operator. All coursework in this certificate program can be applied to an associate in applied science degree in Radio/TV Broadcasting.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First

Semester	Hours
RTV-150 Introduction to Broadcasting +	3.0
RTV-155 Radio TV Announcing +	3.0
RTV-180 Basic TV Production +	3.0
SEMESTER TOTALS	9.0

Second

Semester	Hours
RTV-165 Broadcast Writing +++	4.0
SPE-111 Intro to Speech Communication	3.0
--- --- Advanced Study-Advanced TV Production **	3.0
--- --- Career Elective	3.0
SEMESTER TOTALS	13.0
TOTAL PROGRAM HOURS	22.0

+ Course only offered fall semester

+++ Course only offered spring semester

** Electives must be approved by the Program Coordinator

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Gregory Powers

Faculty Email: gpowers@lakelandcollege.edu

Faculty Phone: 217-2345335

WELDING

(AAS.WEL) ASSOCIATE IN APPLIED SCIENCE

This program provides experiences which enable students to develop competencies necessary for employment in welding and other related occupations. Emphasis throughout the program is placed on developing skills in the following areas: safety, metal identification, oxy-acetylene welding, metal cutting processes, shielded metal arc welding, gas metal arc welding, gas tungsten arc welding (including stainless steel and aluminum), machining, and blueprint reading. Students will gain valuable hands-on experience as they complete a minimum of 375 clock hours of Supervised Occupational Experience at an industry location.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR		SECOND YEAR	
First		First	
Semester	Hours	Semester	Hours
TEC-048 Applied Shop Computations	3.0	WEL-055 Pipefitting & Welding *	3.0
TEC-040 Blueprint Reading/Industry I	2.5	MTT-050 Intro to Machining Procedures	3.0
TEC-043 Industrial Safety	1.0	SOS-050 Human Relations	2.0
TEC-070 Properties of Metal	2.5	ENG-050 Writing for Industry	3.0
WEL-056 Metal Cutting and Fabrication	2.0	--- --- Social Science Elective	3.0
WEL-057 Welding Fundamentals	2.5	SEMESTER TOTALS	14.0
SEMESTER TOTALS	13.5		
Second		Second	
Semester		Semester	
WEL-047 Shielded Metal Arc Welding I *	2.0	WEL-060 Gas Metal Arc Welding III * +++	3.0
WEL-048 Shielded Metal Arc Welding II *	3.0	WEL-053 Gas Tung Arc Welding/Alum * +++	4.0
WEL-058 Gas Metal Arc Welding I *	2.0	WEL-054 Gas Tung Arc/Ss * +++	2.0
WEL-059 Gas Metal Arc Welding II *	3.0	IND-062 Rigging and Hoisting +++	1.0
WEL-061 Gas Tungsten Arc Welding *	3.0	SPE-111 Intro to Speech Communication	3.0
SEMESTER TOTALS	13.0	HED-178 Responding to Emergencies	2.0
		SEMESTER TOTALS	15.0
Summer		TOTAL PROGRAM HOURS	60.5
Term			
WEL-074 Welding S.O.E.	5.0		
SEMESTER TOTALS	5.0		

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: John Gentry

Faculty Email: jgentry@lakelandcollege.edu

Faculty Phone: 217-234-5065

WELDING TECHNOLOGY

(CRT.WEL) CERTIFICATE

This program provides experiences which enable students to develop competencies necessary for employment in and/or continued education in welding. Emphasis throughout the program is placed on developing skills in the following areas: safety, metal identification, oxy-acetylene welding, metal cutting processes, shielded metal arc welding, gas metal arc welding, gas tungsten arc welding, and blueprint reading.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment - For more information regarding related occupations, graduation rates and program costs, view the [Gainful Employment information provided on website](#).

FIRST YEAR

First

Semester	Hours
TEC-048 Applied Shop Computations	3.0
WEL-057 Welding Fundamentals	2.5
TEC-043 Industrial Safety	1.0
TEC-070 Properties of Metal	2.5
TEC-040 Blueprint Reading/Industry I	2.5
WEL-056 Metal Cutting and Fabrication	2.0
SEMESTER TOTALS	13.5

Second

Semester	Hours
WEL-047 Shielded Metal Arc Welding I *	2.0
WEL-048 Shielded Metal Arc Welding II *	3.0
WEL-058 Gas Metal Arc Welding I *	2.0
WEL-059 Gas Metal Arc Welding II *	3.0
WEL-061 Gas Tungsten Arc Welding *	3.0
SEMESTER TOTALS	13.0
TOTAL PROGRAM HOURS	26.5

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: John Gentry
Faculty Email: jgentry@lakelandcollege.edu
Faculty Phone: 217-234-5065



TRANSFER READY MAJORS



IN THIS CHAPTER:

- ◆ ASSOCIATE IN ARTS DEGREES
- ◆ ASSOCIATE IN ENGINEERING SCIENCE DEGREE
- ◆ ASSOCIATE IN SCIENCE DEGREES
- ◆ GENERAL EDUCATION/ILLINOIS ARTICULATION INITIATIVE

ASSOCIATE IN ARTS DEGREES

CODE	TITLE	PAGE #
AA.AGR	Agriculture	133
AA.ART	Art	134
AA.BA	Business	137
AA.BE	Business Education	138
AA.SPCH	Communication Studies	141
AA.CJS	Criminal Justice	144
AA.ECHED	Early Childhood Education	145
AA.ECO	Economics	147
AA.ELED	Elementary Education	148
AA.ENG	English	149
AA.HEAED	Health Education	151
AA.HIS	History	152
AA.LAS	Liberal Arts	153
AA.MATH	Mathematics	154
AA.MAED	Mathematics Education	155
AA.OTH	Other Major	156
AA.PHYED	Physical Education	157
AA.PS	Political Science	159
AA.PNUR	Pre-Nursing	164
AA.PVET	Pre-Veterinary Medicine	167
AA.PSY	Psychology	168
AA.REC	Recreation	169
AA.SCED.BIO	Secondary Education – Biology	170
AA.SSW	Sociology/Social Work	173
AA.SPED	Special Education	174
AA.UND	Undecided	175

ASSOCIATE IN SCIENCE DEGREES

CODE	TITLE	PAGE #
AS.BIOL	Bioscience Non-Teaching	136
AS.CHEM	Chemistry	139
AS.CLSC	Clinical Laboratory Science	140
AS.CONSF	Conservation/Pre-Forestry	142
AS.CONSW	Conservation/Pre-Wildlife	143
AS.EASC	Earth Science	146
AS.ENSC	Environmental Science	150
AS.PHYS	Physics	158
AS.PCHI	Pre-Chiropractic	160
AS.PDEN	Pre-Dental	161
AS.PENG	Pre-Engineering	162
AS.PMED	Pre-Medicine	163
AS.PPHM	Pre-Pharmacy	165
AS.PPTH	Pre-Physical Therapy	166
AS.SCED.CHM	Secondary Education – Chemistry	171
AS.SCED.PHY	Secondary Education – Physics	172

ASSOCIATE IN ENGINEERING SCIENCE DEGREE

CODE	TITLE	PAGE #
AES.ENGR	Associate In Engineering Science	135

GENERAL EDUCATION

COURSE REQUIREMENTS FOR ASSOCIATE IN ARTS (AA) AND ASSOCIATE IN SCIENCE (AS)

By completing an AA or AS degree prior to transfer, students will be considered to have attained junior standing and to have met all lower division general education requirements upon transfer to an Illinois public college or university.

Lake Land College is a participant in the Illinois Articulation Initiative (IAI), a statewide agreement that allows transfer of the Illinois General Education Core Curriculum (GECC) between participating institutions. Completion of the GECC at any participating college in Illinois assures transferring students that lower-division general education requirements for an associate or bachelor's degree have been satisfied. The IAI GECC course number for each Lake Land College course is included in () in the course listings below. The AA degree includes the complete IAI GECC. Students who complete the AS degree may complete the additional 6 hours of IAI GECC (one course in Humanities and Fine Arts and one course in Social and Behavioral Sciences) as part of their Electives or following transfer to the four-year university.

Students may check the IAI website at transfer.org for updates to the approved course list.

CATEGORY	ASSOCIATE IN ARTS	ASSOCIATE IN SCIENCE
Total General Education Core Curriculum	37-38 semester hours as noted below	31-32 semester hours as noted below
Communications (IAI C)	3 courses (9 semester hours) including a two-course sequence in writing (6 semester hours) and one course in oral communication (3 semester hours)	3 courses (9 semester hours) including a two-course sequence in writing (6 semester hours) and one course in oral communication (3 semester hours)
Mathematics (IAI M)	1 course (3 semester hours)	1 course (3 semester hours)
Physical and Life Sciences (IAI P, IAI L)	2 courses (7 to 8 semester hours) with one course selected from the physical sciences (IAI P) and one course selected from the life sciences (IAI L) including at least one laboratory course (noted with an L at the end of the IAI number)	2 courses (7 to 8 semester hours) with one course selected from the physical sciences (IAI P) and one course selected from the life sciences (IAI L) including at least one laboratory course (noted with an L at the end of the IAI number)
Humanities and Fine Arts (IAI H, IAI F, IAI HF)	3 courses (9 semester hours) with at least one course selected from humanities (IAI H) and at least one course from fine arts (IAI F)	2 courses (6 semester hours) with one course selected from humanities (IAI H) and one course from fine arts (IAI F)
Social and Behavioral Sciences (IAI S)	3 courses (9 semester hours) with courses selected from at least two disciplines (ANT, ECO, GEO, HIS, POS, PSY, SOC)	2 courses (6 semester hours) with courses selected from two disciplines (ANT, ECO, GEO, HIS, POS, PSY, SOC)
Additional Math and Science Requirements	0 semester hours	2 courses (6 semester hours) One math course – MAT 100 or higher and One science course selected from BIO, CHM, ESC, PHY numbered 100 or higher
Recommended Major Courses/Electives	26-27 semester hours See sample majors on the following pages and consult with a counselor or your academic advisor. May include no more than 9 hours of courses numbered .040-.099	26-27 semester hours See sample majors on the following pages and consult with a counselor or your academic advisor. May include no more than 9 hours of courses numbered .040-.099
Total Minimum Hours Required for the Degree from Lake Land College	64 semester hours	64 semester hours

TRANSFER OF COMPLETED ASSOCIATE DEGREES

If a student completes an AA or an AS degree, he or she will be considered to have attained junior standing and to have met lower division general education requirements upon transfer to an Illinois public college or university. Visit transfer.org for more information.

CAUTION: Requirements differ from one institution to another. The student should refer to the catalog of the four-year university to which he or she plans to transfer and consult with a member of the college counseling staff prior to registering for the courses he or she selects. Examples of outlines for each major are listed on the following pages.

Some College Transfer Majors are listed in this chapter with a sample model on the following pages. See your academic advisor or Counseling Services for those College Transfer Major models not listed.

ILLINOIS ARTICULATION INITIATIVE APPROVED COURSES

COMMUNICATIONS (IAI C)

ENG 120	Composition I	(C1 900)
ENG 121	Composition II	(C1 901R)
SPE 111	Introduction to Speech Communication	(C2 900)

A grade of "C" or better is required in Composition I and II (ENG 120, ENG 121) to graduate with an associate in arts, associate in science or associate in engineering science degree.

MATHEMATICS (IAI M)

MAT 116	General Education Math	(M1 904)
MAT 125	Statistics	(M1 902)
MAT 210	Finite Mathematics	(M1 906)
MAT 211	Mathematical Analysis	(M1 900)
MAT 218	Mathematics for Elementary Teachers II	(M1 903)
MAT 241	Analytic Geometry & Calculus I	(M1 900-1)
MAT 242	Analytic Geometry & Calculus II	(M1 900-2)
MAT 243	Analytic Geometry & Calculus III	(M1 900-3)

PHYSICAL AND LIFE SCIENCES (IAI P AND IAI L)

Physical Science (IAI P)

CHM 101	Physical Science/Chemistry	(P1 903L)
CHM 111	Concepts of Chemistry	(P1 903L)
CHM 120	General, Organic and Biochemistry I	(P1 902L)
CHM 150	General Chemistry I	(P1 902L)
ESC 100	Physical Geology	(P1 907L)
ESC 102	Weather and Climate	(P1 905L)
ESC 104	Physical Geography	(P1 909L)
PHY 110	Concepts of Physics	(P1 900L)
PHY 115	Astronomy	(P1 906)
PHY 130	College Physics I	(P1 900L)
PHY 140	University Physics I	(P2 900L)

Life Science (IAI L)

BIO 100	Biological Science I	(L1 900L)
BIO 130	Environmental Science	(L1 905L)
BIO 150	Biotechnology in Society	(L1 906)
BIO 160	Introduction to Genetics	(L1 906)

HUMANITIES AND FINE ARTS (IAI H, IAI F, IAI HF)

Humanities (IAI H)

HIS 153	History & Culture of the Third World	(H2 903N)
HIS 250	Western Civilization to 1660	(H2 901)
HIS 252	Western Civilization from 1660	(H2 902)
HUM 120	Myths & Legends	(H9 901)
HUM 150	Humanities through the Arts	(HF 900)
HUM 151	Nature in the Humanities	(H9 900)
LIT 130	Introduction to Literature	(H3 900)
LIT 147	Introduction to Fiction	(H3 901)
LIT 250	American Literature Survey I	(H3 914)
LIT 251	American Literature Survey II	(H3 915)
LIT 252	Multicultural American Literature	(H3 910D)
LIT 260	Survey of English Literature I	(H3 912)

LIT 261	Survey of English Literature II	(H3 913)
LIT 270	Literature of Women	(H3 911D)
LIT 274	Bible as Literature	(H5 901)
PHI 232	World Religions	(H4 905)
PHI 270	Introduction to Philosophy	(H4 900)
PHI 280	Ethics	(H4 904)
PHI 290	Introduction to Logic	(H4 906)

Fine Arts (IAI F)

ART 240	Art & Gender	(F2 907D)
ART 250	Understanding Art	(F2 900)
ART 260	Art History I	(F2 901)
ART 261	Art History II	(F2 902)
HUM 150	Humanities Through the Arts	(HF 900)
HUM 181	Introduction to Film Appreciation	(F2 908)
MUS 150	Music in American History & Culture	(F1 904)
MUS 229	Understanding Music	(F1 900)

SOCIAL AND BEHAVIORAL SCIENCES (IAI S)

ANT 200	General Anthropology	(S1 900N)
ECO 231	Principles of Economics I	(S3 901)
ECO 232	Principles of Economics II	(S3 902)
GEO 140	World Geography	(S4 900N)
HIS 155	History of United States I	(S2 900)
HIS 156	History of United States II	(S2 901)
POS 160	American National Government	(S5 900)
POS 162	State and Local Government	(S5 902)
POS 264	Introduction to International Relations	(S5 904)
PSY 271	Introduction to Psychology	(S6 900)
PSY 274	Child Development	(S6 903)
PSY 275	Psychology of Maturity & Old Age	(S6 905)
PSY 277	Social Psychology	(S8 900)
SOC 290	Sociology of Family	(S7 902)
PSY 279	Human Development/Life Span	(S6 902)
SOC 280	Introduction to Sociology	(S7 900)
SOC 282	Social Problems	(S7 901)
SOC 286	Racial and Ethnic Groups	(S7 903D)
SOC 290	Sociology of Family	(S7 902)

ASSOCIATE IN ENGINEERING SCIENCE DEGREE (AES)

General Education requirements for an Associate in Engineering Science degree are described on the sample major page for Engineering.

All courses must be at the 100 course level or above.

DEGREE AUDIT

Degree-seeking students should run a degree-audit prior to registration each semester to determine how courses completed apply toward their intended degree and identify additional courses needed.

* Please note prerequisites or course requisites listed in the Course Descriptions section of this catalog.

MATH PATHWAYS

The Lake Land College Math Pathways include the required math class sequence based on placement test or SAT/ACT results. The pathways are organized by major and are indicated with each Transfer Ready program model.

Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.



Lake Land College Math Pathways

A full overview of the different math pathway options at Lake Land College.



Pathway 1 for the majors of Art, Business Education, Criminal Justice, Earth Science, English, Health Education, History, Liberal Arts, Other, Physical Education, Political Science, Pre-Nursing, Psychology, Recreation, Secondary Education Biology, Sociology/Social Work, Speech Communication, Undecided



Pathway 2 for the majors of: Early Childhood Education, Elementary Education, Special Education



Pathway 3 for the majors of: Agriculture, Business Administration, Economics



Pathway 4 for the majors of: Engineering, Biology Non-Teaching, Chemistry, Clinical Lab Science, Conservation/Pre-Wildlife, Environmental Science, Mathematics, Math Education, Pre-Chiropractic, Pre-Dental, Pre-Engineering, Physics, Pre-Med, Pre-Physical Therapy, Pre-Vet, Secondary Education-Chemistry, Secondary Education-Physics

AGRICULTURE

(AA.AGR) ASSOCIATE IN ARTS

The Agriculture transfer curriculum is designed for those students who are planning to transfer to a university and earn the bachelor of science degree in Agriculture.

This program follows Math Pathway #3. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR			SECOND YEAR		
First Semester	Hours		First Semester	Hours	
ENG-120 Composition I *	3.0		SPE-111 Intro to Speech Communication	3.0	
BIO-100 Bio Science I	4.0		CHM-120 Gen, Organic & Biochemistry I or		
MAT-130 College Algebra *	3.0		CHM-150 General Chemistry I *	4.0	
AGR-206 Intro/Animal Science	4.0		AGR-207 Intro/Ag Economics	4.0	
PSY-271 Intr/Psychology or			HIS-153 History/Culture of Third World or		
--- --- Social/Behavioral Science (IAI S)	3.0		--- --- Humanities and Fine Arts (IAI H)	3.0	
SEMESTER TOTALS	17.0		AGR-208 Intro/Ag Mechanization or		
Second Semester			HRT-201 Introduction to Horticulture	3.0	
ENG-121 Composition II *	3.0		SEMESTER TOTALS	17.0	
MAT-210 Finite Mathematics * or			Second Semester		
MAT-211 Math Analysis *	3.0		CHM-121 Gen, Organic & Biochemistry II * or		
AGR-205 Intro/Soil Science	4.0		CHM-151 General Chemistry II *	4.0	
ECO-231 Principles of Econ I (Macro)	3.0		ART-250 Understanding Art or		
HIS-252 West Civil/1660-Present or			--- --- Humanities and Fine Arts (IAI H)	3.0	
--- --- Humanities and Fine Arts (IAIH)	3.0		POS-160 American National Government * or		
SEMESTER TOTALS	16.0		--- --- Social/Behavior Science (IAI S)	3.0	
			AGR-204 Prin/Field Crop Science	4.0	
			SEMESTER TOTALS	14.0	
			TOTAL PROGRAM HOURS	64.0	

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Ryan Wildman
Faculty Email: rwildman@lakelandcollege.edu
Faculty Phone: 217-234-5226



MATH PATHWAY

ART

(AA.ART) ASSOCIATE IN ARTS

This curriculum is for students interested in careers in fine artistry, education, printmaking, illustration, and design and plan to transfer to a university.

This program follows Math Pathway #1. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR		SECOND YEAR	
First Semester	Hours	First Semester	Hours
ART-100 Drawing I +	3.0	ART-111 3-D Design +	3.0
ART-110 2-D Design	3.0	ENG-121 Composition II *	3.0
ART-260 Art History I +	3.0	ART-205 Painting * +	3.0
--- --- Social/Behavioral Science (IAI S)	3.0	SPE-111 Intro to Speech Communication	3.0
MAT-125 Statistics * or		--- --- Physical and Life Sciences (IAI P or IAI L)	4.0
MAT-116 General Education Math *	3.0	SEMESTER TOTALS	16.0
SEMESTER TOTALS	15.0	Second Semester	
Second Semester		ART-161 Printmaking I +++	3.0
ART-200 Drawing II * +++	3.0	ART-206 Painting II * +++	3.0
ART-225 Ceramics I +++	3.0	--- --- Social/Behavior Science (IAI S)	3.0
ENG-120 Composition I *	3.0	--- --- Humanities and Fine Arts (IAI H)	3.0
--- --- Social/Behavioral Science (IAI S)	3.0	--- --- Electives	3.0
--- --- Physical and Life Sciences (IAI P or IAI L)	3.0	SEMESTER TOTALS	15.0
ART-261 Art History II +++	3.0	TOTAL PROGRAM HOURS	64.0
SEMESTER TOTALS	18.0		

SUGGESTED ELECTIVES	
ART-240 Art and Gender	3.0
ART-250 Understanding Art	3.0
HUM-150 Humanities Through the Arts	3.0
LIT-130 Intro to Literature	3.0
LIT-147 Introduction to Fiction	3.0
HUM-151 Nature in the Humanities *	3.0
HUM-181 Intro to Film Appreciation	3.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

+ Course only offered fall semester

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Jodi Birdwell

Faculty Email: jbirdwell45155@lakelandcollege.edu

Faculty Phone: 217-234-5466



MATH PATHWAY

ASSOCIATE IN ENGINEERING SCIENCE

(AES.ENGR) ASSOCIATE IN ENGINEERING SCIENCE

This curriculum is designed for students wanting to pursue a bachelor's degree in Engineering at the University of Illinois Champaign/Urbana. The University of Illinois requires specific minimum GPAs for entry into the various majors of engineering. Consult a counselor or academic advisor before registering.

Upon completion of this course sequence, engineering science students will receive an associate in engineering science degree.

Only courses with a course number of 100 or higher meet graduation requirements for the AES degree.

This program follows Math Pathway #4. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR			SECOND YEAR		
First Semester			First Semester		
ENG-120	Composition I *	3.0	PHY-141	University Physics II * +	4.0
ECO-231	Principles of Econ I (Macro)	3.0	PHY-239	Mechanics I * +	3.0
MAT-241	Analytical Geom-Calc I *	5.0	MAT-151 C	Program W/Engineering Appl * +	3.0
TEC-103	Engineering Graphics	3.0	MAT-255	Linear Algebra * +	3.0
CHM-150	General Chemistry I *	4.0	--- ---	Humanities and Fine Arts (IAI H)	3.0
SEMESTER TOTALS		18.0	SEMESTER TOTALS		16.0
Second Semester			Second Semester		
ENG-121	Composition II *	3.0	PHY-142	University Physics III * +++	4.0
ECO-232	Prin Economics II (Micro) *	3.0	MAT-243	Analytical Geom-Calc III * +++	4.0
MAT-242	Analytical Geom-Calc II *	4.0	MAT-245	Differential Equations * +++	3.0
PHY-140	University Physics I * +++	4.0	PHY-240	Mechanics II * +++	3.0
CHM-151	General Chemistry II *	4.0	--- ---	Humanities and Fine Arts (IAI F)	3.0
SEMESTER TOTALS		18.0	SEMESTER TOTALS		17.0
			TOTAL PROGRAM HOURS		
			69.0		
SUGGESTED ELECTIVES					
HIS-153				History/Culture of Third World	3.0
HIS-250				Western Civil to 1660	3.0
HIS-252				West Civil/1660-Present	3.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+++ Course only offered spring semester

+ Course only offered fall semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Walter McHenry

Faculty Email: wmchenry@lakelandcollege.edu

Faculty Phone: 217-234-5352



MATH PATHWAY

BIOSCIENCE NON-TEACHING

(AS.BIOL) ASSOCIATE IN SCIENCE

Upon completion of this course sequence, bioscience non-teaching students will receive an associate in science degree.

The associate in science degree requires the completion of 64 credit hours. The sample course sequence below includes the required 64 credit hours plus additional courses recommended for this major.

This program follows Math Pathway #4. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR			SECOND YEAR		
First			First		
Semester		Hours	Semester		Hours
ENG-120	Composition I *	3.0	BIO-111	General Botany *	4.0
SPE-111	Intro to Speech Communication	3.0	CHM-243	Organic Chemistry I * +	4.0
BIO-100	Bio Science I	4.0	CHM-253	Organic Chemistry Lab I * +	1.0
CHM-150	General Chemistry I *	4.0	ESC-106	Intro Geographic Info Systems	4.0
---	Social/Behavioral Science (IAI S)	3.0	---	Social/Behavioral Science (IAI S)	3.0
SEMESTER TOTALS		17.0	SEMESTER TOTALS		16.0
Second			Second		
Semester			Semester		
ENG-121	Composition II *	3.0	MAT-241	Analytical Geom-Calc I *	5.0
BIO-116	General Zoology *	4.0	BIO-212	Vertebrate Zoology * +++	3.0
CHM-151	General Chemistry II *	4.0	BIO-130	Environmental Science	4.0
MAT-140	Algebra With Trigonometry *	5.0	---	Humanities and Fine Arts (IAI F)	3.0
---	Humanities and Fine Arts (IAI H)	3.0	SEMESTER TOTALS		15.0
SEMESTER TOTALS		19.0	TOTAL PROGRAM HOURS		67.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+ Course only offered fall semester

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: David Turnbull

Faculty Email: dturnbul@lakelandcollege.edu

Faculty Phone: 217-234-5419



MATH PATHWAY

BUSINESS

(AA.BA) ASSOCIATE IN ARTS

This degree is also available online. This curriculum is for students interested in business administration (accounting, finance, management, marketing, computer information systems) planning to transfer to a university. Course requirements are modified to meet demands of individual universities.

This program follows Math Pathway #3. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR		SECOND YEAR	
First Semester		First Semester	
ENG-120 Composition I *	3.0	BUS-151 Financial Accounting *	3.0
MAT-130 College Algebra *	3.0	BUS-200 Legal Environ/Business	3.0
--- --- Physical and Life Sciences (IAI L or IAI P)	3.0	--- --- Elective	3.0
PHI-290 Intro to Logic	3.0	ECO-231 Principles of Econ I (Macro)	3.0
BUS-142 Introduction to Business	3.0	--- --- Humanities and Fine Arts (IAI F)	3.0
SEMESTER TOTALS	15.0	BUS-120 Business Career Development	3.0
Second Semester		Second Semester	
ENG-121 Composition II *	3.0	BUS-152 Managerial Accounting *	3.0
CIS-160 Practical Software Application	3.0	BUS-281 Business Statistics *	3.0
MAT-210 Finite Mathematics *	3.0	ECO-232 Prin Economics II (Micro) *	3.0
--- --- Physical and Life Sciences (IAI L or IAI P)	4.0	--- --- Humanities and Fine Arts (IAI H or IAI F)	3.0
SPE-111 Intro to Speech Communication	3.0	--- --- Social/Behavioral Science (IAI S)	3.0
SEMESTER TOTALS	16.0	SEMESTER TOTALS	15.0
		TOTAL PROGRAM HOURS	64.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
 Email: counsel@lakelandcollege.edu

Faculty Contact: Kathy Black
 Faculty Email: kblack@lakelandcollege.edu
 Faculty Phone: 217-234-5348



MATH PATHWAY

BUSINESS EDUCATION

(AA.BE) ASSOCIATE IN ARTS

This curriculum is for students interested in business education who plan to transfer to a university. Course requirements are modified to meet demands of individual universities. Upon completion of this program, students may transfer as juniors to universities.

This program follows Math Pathway #1. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR	
First Semester	Hours
ENG-120 Composition I *	3.0
BUS-142 Introduction to Business	3.0
--- --- Physical and Life Sciences (IAI L)	4.0
--- --- Humanities and Fine Arts (IAI H)	3.0
--- --- Humanities and Fine Arts (IAI F)	3.0
SEMESTER TOTALS	16.0
Second Semester	
ENG-121 Composition II *	3.0
CIS-160 Practical Software Application	3.0
--- --- Physical and Life Sciences (IAI P)	3.0
SPE-111 Intro to Speech Communication	3.0
EDU-210 Diversity/Schools & Societies	3.0
SEMESTER TOTALS	15.0

SECOND YEAR	
First Semester	Hours
BUS-151 Financial Accounting *	3.0
BUS-200 Legal Environ/Business	3.0
ECO-231 Principles of Econ I (Macro)	3.0
HIS-153 History/Culture of Third World	3.0
BUS-120 Business Career Development	3.0
--- --- Elective	3.0
SEMESTER TOTALS	18.0
Second Semester	
BUS-152 Managerial Accounting *	3.0
ECO-232 Prin Economics II (Micro) *	3.0
POS-160 American National Government	3.0
MAT-125 Statistics *	3.0
EDU-100 Introduction to Education	3.0
SEMESTER TOTALS	15.0
TOTAL PROGRAM HOURS	64.0

SUGGESTED ELECTIVES	
BUS-141 Business Communications	3.0
PSY-271 Intr/psychology	3.0
BUS-247 Principles of Marketing	3.0
BUS-251 Principles of Management	3.0
BUS-285 Labor Relations *	3.0
BUS-287 Intro International Business *	3.0
BUS-290 Human Resource Management *	3.0
CIS-101 Internet Systems/Applications	2.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Tynia Kessler
Faculty Email: tkessler@lakelandcollege.edu
Faculty Phone: 217-234-5351



MATH PATHWAY

CHEMISTRY

(AS.CHEM) ASSOCIATE IN SCIENCE

Upon completion of this course sequence, chemistry students will receive an associate in science degree.

The associate in science degree requires the completion of 64 credit hours. The sample course sequence below includes the required 64 credit hours plus additional courses recommended for this major.

This program follows Math Pathway #4. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR			SECOND YEAR		
First			First		
Semester		Hours	Semester		Hours
CHM-150	General Chemistry I *	4.0	CHM-243	Organic Chemistry I * +	4.0
MAT-241	Analytical Geom-Calc I *	5.0	CHM-253	Organic Chemistry Lab I * +	1.0
ENG-120	Composition I *	3.0	PHY-141	University Physics II * +	4.0
--- ---	Humanities and Fine Arts (IAI H)	3.0	SPE-111	Intro to Speech Communication	3.0
-- ---	Social/Behavioral Science (IAI S)	3.0	BIO-100	Bio Science I	4.0
	SEMESTER TOTALS	18.0		SEMESTER TOTALS	16.0
Second			Second		
Semester			Semester		
CHM-151	General Chemistry II *	4.0	CHM-244	Organic Chemistry II * +++	4.0
MAT-242	Analytical Geom-Calc II *	4.0	CHM-254	Organic Chemistry Lab II * +++	1.0
ENG-121	Composition II *	3.0	MAT-243	Analytical Geom-Calc III * +++	4.0
PHY-140	University Physics I * +++	4.0	PHY-142	University Physics III * +++	4.0
--- ---	Social/Behavioral Science (IAI S)	3.0	--- ---	Humanities and Fine Arts (IAI F)	3.0
	SEMESTER TOTALS	18.0		SEMESTER TOTALS	16.0
				TOTAL PROGRAM HOURS	68.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+++ Course only offered spring semester

+ Course only offered fall semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Gregory Capitosti

Faculty Email: gcapitos@lakelandcollege.edu

Faculty Phone: 217-234-5320



MATH PATHWAY

CLINICAL LABORATORY SCIENCE

(AS.CLSC) ASSOCIATE IN SCIENCE

The following courses are recommended for Clinical Laboratory Science students. These courses meet the Clinical Laboratory Science transfer requirements of the Illinois Articulation Initiative. Upon completion of this course sequence, Clinical Laboratory Science students will receive an associate in science degree.

The associate in science degree requires the completion of 64 credit hours. The sample course sequence below includes the required 64 credit hours plus additional courses recommended for this major.

This program follows Math Pathway #4. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR			SECOND YEAR		
First			First		
Semester		Hours	Semester		Hours
ENG-120	Composition I *	3.0	BIO-225	Human Ana/Phys I *	4.0
BIO-100	Bio Science I	4.0	CHM-243	Organic Chemistry I *	4.0
CHM-150	General Chemistry I *	4.0	CHM-253	Organic Chemistry Lab I *	1.0
MAT-125	Statistics *	3.0	--- ---	Humanities and Fine Arts (IAI F)	3.0
PSY-271	Intr/Psychology	3.0	MAT-130	College Algebra *	3.0
SEMESTER TOTALS		17.0	SEMESTER TOTALS		15.0
Second			Second		
Semester			Semester		
ENG-121	Composition II *	3.0	BIO-226	Human Ana/Phys II *	4.0
BIO-116	General Zoology *	4.0	CHM-244	Organic Chemistry II *	4.0
CHM-151	General Chemistry II *	4.0	CHM-254	Organic Chemistry Lab II *	1.0
SPE-111	Intro to Speech Communication	3.0	BIO-235	Microbiology *	4.0
ANT-200	General Anthropology	3.0	PHI-280	Ethics	3.0
SEMESTER TOTALS		17.0	SEMESTER TOTALS		16.0
			TOTAL PROGRAM HOURS		65.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: David Turnbull
Faculty Email: dturnbul@lakelandcollege.edu
Faculty Phone: 217-234-5419



MATH PATHWAY

COMMUNICATION STUDIES

(AA.SPCH) ASSOCIATE IN ARTS

The Communication Studies transfer program emphasizes the importance of developing a variety of communication skills for numerous careers. The program prepares students for the junior and senior levels of study in Communications Studies in areas including persuasion, interpersonal, group, digital, and mass media.

This program follows Math Pathway #1. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR		SECOND YEAR	
First		First	
Semester	Hours	Semester	Hours
ENG-120 Composition I *	3.0	SPE-213 Intro/Group Discussion * +	3.0
RTV-150 Introduction to Broadcasting	3.0	MAT-125 Statistics * or	
SPE-111 Intro to Speech Communication	3.0	MAT-116 General Education Math *	3.0
--- --- Social/Behavioral Science (IAI S)	3.0	--- --- Humanities and Fine Arts (IAI H or IAI F)	3.0
--- --- Physical and Life Sciences (IAI P or IAI L)	4.0	--- --- Social/Behavioral Science (IAI S)	3.0
SEMESTER TOTALS	16.0	--- --- Elective	3.0
		SEMESTER TOTALS	15.0
Second		Second	
Semester		Semester	
SPE-200 Interpersonal Communication	3.0	SPE-220 Persuasive Speaking *	3.0
ENG-121 Composition II *	3.0	--- --- Social/Behavioral Science (IAI S)	3.0
--- --- Humanities and Fine Arts (IAI H)	3.0	--- --- Humanities and Fine Arts (IAI F)	3.0
--- --- Physical and Life Sciences (IAI P or IAI L)	3.0	--- --- Electives	9.0
--- --- Elective	3.0	SEMESTER TOTALS	18.0
SEMESTER TOTALS	15.0	TOTAL PROGRAM HOURS	64.0
		SUGGESTED ELECTIVES	
		RTV-155 Radio TV Announcing +	3.0
		RTV-160 Radio Station Operation +++	5.0
		RTV-165 Broadcast Writing +	4.0
		RTV-175 Broadcast Sales +++	3.0
		RTV-180 Basic TV Production +	3.0
		RTV-185 Advanced Radio Production +++	4.0
		--- --- Any Approved Elective/Career Elective	3.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.
 + Course only offered fall semester
 +++ Course only offered spring semester

Call Counseling Services: 217-234-5232
 Email: counsel@lakelandcollege.edu

Faculty Contact: Salisa Olmsted
 Faculty Email: shortens@lakelandcollege.edu
 Faculty Phone: 217-234-5271



MATH PATHWAY

CONSERVATION/PRE-FORESTRY

(AS.CONSF) ASSOCIATE IN SCIENCE

Upon completion of this course sequence, conservation/pre-forestry students will receive an associate in science degree.

This program follows Math Pathway #4. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR			SECOND YEAR		
First			First		
Semester		Hours	Semester		Hours
ENG-120	Composition I *	3.0	BIO-111	General Botany *	4.0
MAT-130	College Algebra * ^^	3.0	BIO-160	Introduction to Genetics	3.0
BIO-100	Bio Science I	4.0	AGR-205	Intro/Soil Science	4.0
CHM-120	Gen, Organic & Biochemistry I +	4.0	--- ---	Humanities and Fine Arts (IAI H)	3.0
ECO-231	Principles of Econ I (Macro)	3.0		SEMESTER TOTALS	14.0
	SEMESTER TOTALS	17.0		Second	
Second			Semester		
Semester			MAT-125	Statistics *	3.0
ENG-121	Composition II *	3.0	BIO-212	Vertebrate Zoology * +++	3.0
BIO-116	General Zoology *	4.0	BIO-130	Environmental Science	4.0
ECO-232	Prin Economics II (Micro)	3.0	ESC-106	Intro Geographic Info Systems	4.0
MUS-150	Music in Amer History/Culture	3.0	--- ---	Social/Behavioral Science (IAI S)	3.0
SPE-111	Intro to Speech Communication	3.0		SEMESTER TOTALS	17.0
	SEMESTER TOTALS	16.0		TOTAL PROGRAM HOURS	64.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

^^ Consult Academic Advisor for appropriate course

+ Course only offered fall semester

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Jeffrey White

Faculty Email: jwhite@lakelandcollege.edu

Faculty Phone: 217-234-5418



MATH PATHWAY

CONSERVATION/PRE-WILDLIFE

(AS.CONSW) ASSOCIATE IN SCIENCE

Upon completion of this course sequence, conservation/pre-wildlife students will receive an associate in science degree.

This program follows Math Pathway #4. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR			SECOND YEAR		
First Semester			First Semester		
ENG-120	Composition I *	3.0	BIO-111	General Botany *	4.0
MAT-125	Statistics *	3.0	BIO-130	Environmental Science	4.0
BIO-100	Bio Science I	4.0	ESC-106	Intro Geographic Info Systems	4.0
CHM-150	General Chemistry I *	4.0	--- ---	Humanities and Fine Arts (IAI F)	3.0
--- ---	Social/Behavioral Science (IAI S)	3.0	SEMESTER TOTALS		15.0
SEMESTER TOTALS		17.0	Second Semester		
Second Semester			Second Semester		
ENG-121	Composition II *	3.0	MAT-241	Analytical Geom-Calc I *	5.0
BIO-116	General Zoology *	4.0	SPE-111	Intro to Speech Communication	3.0
CHM-151	General Chemistry II *	4.0	BIO-212	Vertebrate Zoology * +++	3.0
--- ---	Social/Behavioral Science (IAI S)	3.0	--- ---	Electives ^^	4.0
--- ---	Humanities and Fine Arts (IAI H)	3.0	SEMESTER TOTALS		15.0
SEMESTER TOTALS		17.0	TOTAL PROGRAM HOURS		64.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+++ Course only offered spring semester

^^ Consult Academic Advisor for appropriate course

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Jeffrey White

Faculty Email: jwhite@lakelandcollege.edu

Faculty Phone: 217-234-5418



MATH PATHWAY

CRIMINAL JUSTICE

(AA.CJS) ASSOCIATE IN ARTS

This program is designed for students desiring to enter a criminal justice field (law enforcement, corrections, probation, etc.) directly upon graduation or for students desiring to transfer to a university.

This program follows Math Pathway #1. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR		SECOND YEAR	
First Semester	Hours	First Semester	Hours
ENG-120 Composition I *	3.0	SPE-111 Intro to Speech Communication	3.0
CJS-150 Intro/Criminal Just	3.0	CJS-166 Corrections	3.0
BIO-130 Environmental Science or		--- --- Humanities and Fine Arts (IAI F)	3.0
BIO-100 Bio Science I	4.0	--- --- Social/Behavioral Science (IAI S)	3.0
CIS-160 Practical Software Application	3.0	CJS-160 Criminal Evidence & Procedure *	3.0
SOC-282 Social Problems or		--- --- Mathematics (IAI M) *	3.0
SOC-280 Introduction to Sociology	3.0	SEMESTER TOTALS	18.0
SEMESTER TOTALS	16.0	Second Semester	
Second Semester		CJS-158 Juvenile Justice	3.0
ENG-121 Composition II *	3.0	--- --- Social/Behavioral Science (IAI S)	3.0
CJS-152 Criminal Investigation I	3.0	--- --- Humanities and Fine Arts (IAI H or IAI F)	3.0
--- --- Physical and Life Sciences (IAI P)	3.0	HED-178 Responding to Emergencies	2.0
CJS-156 Criminal Law	3.0	PSY-271 Intr/Psychology	3.0
--- --- Humanities and Fine Arts (IAI H)	3.0	--- --- Elective ^^	1.0
SEMESTER TOTALS	15.0	SEMESTER TOTALS	15.0
		TOTAL PROGRAM HOURS	64.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

^^ Consult Academic Advisor for appropriate course

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Dustin Heuerman
Faculty Email: dheuerman2186@lakelandcollege.edu
Faculty Phone: 217-234-5310



MATH PATHWAY

EARLY CHILDHOOD EDUCATION

(AA.ECHED) ASSOCIATE IN ARTS

This program is designed for students desiring to transfer to a university and obtain a Type 04 Illinois Teaching Certificate, Birth - Grade 3.

This program follows Math Pathway #2. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR			SECOND YEAR		
First			First		
Semester		Hours	Semester		Hours
ENG-120	Composition I *	3.0	PSY-274	Child Development	3.0
HIS-155	History of the U.S. I or		POS-160	American National Government	3.0
HIS-156	History of the U.S. II	3.0	SPE-111	Intro to Speech Communication	3.0
BIO-100	Bio Science I	4.0	--- ---	Humanities and Fine Arts (IAI H) *	3.0
MAT-118	Math for Elem Teachers I *	3.0	--- ---	Elective	3.0
EDU-100	Introduction to Education ^^	3.0		SEMESTER TOTALS	15.0
	SEMESTER TOTALS	16.0			
Second			Second		
Semester			Semester		
ENG-121	Composition II *	3.0	EDU-190	Introduction/Special Education	3.0
EDU-210	Diversity/Schools & Societies	3.0	PED-172	Bsc Act Elem/Sec Child	2.0
PHY-110	Concepts of Physics or		EDU-103	Teaching/Learning W/Technology	3.0
CHM-111	Concepts of Chemistry	4.0	HIS-153	History/Culture of Third World	3.0
MAT-218	Math for Elem Teachers II *	3.0	MUS-229	Understanding Music or	
--- ---	Elective	3.0	ART-250	Understanding Art	3.0
	SEMESTER TOTALS	16.0	--- ---	Elective	3.0
				SEMESTER TOTALS	17.0
				TOTAL PROGRAM HOURS	64.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

^^^ Course requires a 30-hour practicum experience in addition to classroom lecture hours

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Kimberly Davis
Faculty Email: kdavis9876@lakelandcollege.edu
Faculty Phone: 217-234-5471



MATH PATHWAY

EARTH SCIENCE

(AS.EASC) ASSOCIATE IN SCIENCE

Upon completion of this course sequence, earth science students will receive an associate in science degree.

See Advisor for GIS certificate.

This program follows Math Pathway #4. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR			SECOND YEAR		
First			First		
Semester		Hours	Semester		Hours
ENG-120	Composition I *	3.0	ESC-106	Intro Geographic Info Systems	4.0
ESC-102	Weather and Climate	4.0	GEO-140	World Geography	3.0
MAT-125	Statistics *	3.0	ESC-104	Physical Geography	3.0
BIO-130	Environmental Science	4.0	--- ---	Humanities and Fine Arts (IAI F)	3.0
--- ---	Elective ^^	3.0	--- ---	Elective ^^	3.0
SEMESTER TOTALS		17.0	SEMESTER TOTALS		16.0
Second			Second		
Semester			Semester		
ENG-121	Composition II *	3.0	SPE-111	Intro to Speech Communication	3.0
ESC-100	Physical Geology	4.0	--- ---	Social/Behavioral Science (IAI S)	3.0
--- ---	Electives	4.0	--- ---	Electives ^^	4.0
--- ---	Humanities and Fine Arts (IAI H)	3.0	--- ---	Science Elective ^^	4.0
--- ---	Math Elective ^^	3.0	SEMESTER TOTALS		14.0
SEMESTER TOTALS		17.0	TOTAL PROGRAM HOURS		64.0
SUGGESTED ELECTIVES					
PHY-110				Concepts of Physics	4.0
CHM-111				Concepts of Chemistry	4.0
CIS-101				Internet Systems/Applications	2.0
CIS-160				Practical Software Application	3.0
MAT-130				College Algebra *	3.0
MAT-132				Trigonometry *	3.0
MAT-241				Analytical Geom-Calc I *	5.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

^^ Consult Academic Advisor for appropriate course

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Mike Rudibaugh

Faculty Email: mrudibau@lakelandcollege.edu

Faculty Phone: 217-234-5244



MATH PATHWAY

ECONOMICS

(AA.ECO) ASSOCIATE IN ARTS

This program follows Math Pathway #3. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR		SECOND YEAR	
First		First	
Semester	Hours	Semester	Hours
ENG-120 Composition I *	3.0	SPE-111 Intro to Speech Communication	3.0
ECO-231 Principles of Econ I (Macro)	3.0	--- --- Social/Behavioral Science (IAI S) *	3.0
MAT-130 College Algebra *	3.0	--- --- Humanities and Fine Arts (IAI H)	3.0
--- --- Physical and Life Sciences (IAI P or IAI L)	4.0	PSY-271 Intr/Psychology	3.0
--- --- Humanities and Fine Arts (IAI H)	3.0	MAT-211 Math Analysis *	4.0
SEMESTER TOTALS	16.0	SEMESTER TOTALS	16.0
Second		Second	
Semester		Semester	
ENG-121 Composition II *	3.0	--- --- Social/Behavioral Science (IAI S)	3.0
MAT-210 Finite Mathematics *	3.0	BUS-281 Business Statistics *	3.0
--- --- Physical and Life Sciences (IAI P or IAI L)	3.0	--- --- Electives	11.0
--- --- Humanities and Fine Arts (IAI F)	3.0	SEMESTER TOTALS	17.0
ECO-232 Prin Economics II (Micro) *	3.0	TOTAL PROGRAM HOURS	14.0
SEMESTER TOTALS	15.0		
SUGGESTED ELECTIVES			
		MAT-241 Analytical Geom-Calc I	5.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Brian Lynch
Faculty Email: blynch@lakelandcollege.edu
Faculty Phone: 217-234-5229



MATH PATHWAY

ELEMENTARY EDUCATION

(AA.ELED) ASSOCIATE IN ARTS

This program follows Math Pathway #2. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR		Hours
First Semester		
ENG-120	Composition I *	3.0
HIS-155	History of the U.S. I or	
HIS-156	History of the U.S. II	3.0
PHY-110	Concepts of Physics or	
CHM-111	Concepts of Chemistry	4.0
MAT-118	Math for Elem Teachers I *	3.0
EDU-100	Introduction to Education ^^	3.0
SEMESTER TOTALS		16.0
Second Semester		
ENG-121	Composition II *	3.0
PSY-271	Intr/Psychology	3.0
BIO-100	Bio Science I	4.0
MAT-218	Math for Elem Teachers II *	3.0
EDU-103	Teaching/Learning W/Technology	3.0
SEMESTER TOTALS		16.0

SECOND YEAR		Hours
First Semester		
SPE-111	Intro to Speech Communication	3.0
---	Area of Concentration	2.0
POS-160	American National Government	3.0
PSY-274	Child Development	3.0
---	Social/Behavioral Science (IAI S) or	
---	Physical and Life Sciences (IAI P or IAI L)	3.0
SEMESTER TOTALS		14.0
Second Semester		
HIS-153	History/Culture of Third World	3.0
EDU-210	Diversity/Schools & Societies	3.0
---	Area of Concentration	3.0
---	Humanities and Fine Arts (IAI F)	3.0
---	Humanities and Fine Arts (IAI H) *	3.0
ART-250	Understanding Art or	
MUS-229	Understanding Music	3.0
SEMESTER TOTALS		18.0
TOTAL PROGRAM HOURS		64.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

^^ Course requires a 30-hour practicum experience in addition to classroom lecture hours

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Kimberly Davis

Faculty Email: kdavis9876@lakelandcollege.edu

Faculty Phone: 217-234-5471



MATH PATHWAY

ENGLISH

(AA.ENG) ASSOCIATE IN ARTS

The English transfer program emphasizes literature, writing, and related areas and is designed to provide a solid background for work at the junior and senior levels in English.

This program follows Math Pathway #1. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR			SECOND YEAR		
First Semester			First Semester		
ENG-120	Composition I *	3.0	PHI-290	Intro to Logic	3.0
LIT-130	Intro to Literature	3.0	---	Social/Behavioral Science (IAI S)	3.0
MAT-116	General Education Math * or		FLG-140	Elem Spanish I	3.0
MAT-125	Statistics	3.0	HUM-181	Intro to Film Appreciation	3.0
PHI-280	Ethics	3.0	RTV-165	Broadcast Writing	4.0
SPE-111	Intro to Speech Communication	3.0		SEMESTER TOTALS	16.0
	SEMESTER TOTALS	15.0			
Second Semester			Second Semester		
ENG-121	Composition II *	3.0	---	Physical and Life Sciences (IAI P or IAI L)	3.0
LIT-147	Introduction to Fiction	3.0	PHI-232	World Religions	3.0
HUM-150	Humanities Through the Arts	3.0	HUM-151	Nature in the Humanities *	3.0
---	Social/Behavioral Science (IAI S)	3.0	HUM-120	Myths and Legends	3.0
---	Physical and Life Sciences (IAI P or IAI L)	4.0	ART-250	Understanding Art	3.0
	SEMESTER TOTALS	16.0	FLG-141	Elem Spanish II	3.0
				SEMESTER TOTALS	18.0
				TOTAL PROGRAM HOURS	65.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Salisa Olmsted
Faculty Email: shortens@lakelandcollege.edu
Faculty Phone: 217-234-5271



MATH PATHWAY

ENVIRONMENTAL SCIENCE

(AS.ENSC) ASSOCIATE IN SCIENCE

Upon completion of this course sequence, environmental science students will receive an associate in science degree.

The associate in science degree requires the completion of 64 credit hours. The sample course sequence below includes the required 64 credit hours plus additional courses recommended for this major.

This program follows Math Pathway #4. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR			SECOND YEAR		
First			First		
Semester		Hours	Semester		Hours
ENG-120	Composition I *	3.0	BIO-116	General Zoology *	4.0
BIO-100	Bio Science I	4.0	BIO-130	Environmental Science	4.0
CHM-150	General Chemistry I *	4.0	ESC-106	Intro Geographic Info Systems	4.0
MAT-125	Statistics *	3.0	MAT-140	Algebra With Trigonometry *	5.0
---	Humanities and Fine Arts (IAI H)	3.0	SEMESTER TOTALS		
SEMESTER TOTALS		17.0	17.0		
Second			Second		
Semester			Semester		
ENG-121	Composition II *	3.0	MAT-241	Analytical Geom-Calc I *	5.0
BIO-111	General Botany *	4.0	SPE-111	Intro to Speech Communication	3.0
CHM-151	General Chemistry II *	4.0	BIO-212	Vertebrate Zoology * +++	3.0
---	Humanities and Fine Arts (IAI F)	3.0	---	Social/Behavioral Science (IAI S)	3.0
---	Social/Behavioral Science (IAI S)	3.0	SEMESTER TOTALS		
SEMESTER TOTALS		17.0	TOTAL PROGRAM HOURS		
			65.0		

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Jeffrey White

Faculty Email: jwhite@lakelandcollege.edu

Faculty Phone: 217-234-5418



MATH PATHWAY

HEALTH EDUCATION

(AA.HEAED) ASSOCIATE IN ARTS

This program follows Math Pathway #1. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR		
First		
Semester		Hours
ENG-120 Composition I *		3.0
HED-200 Principles of Health		3.0
MAT-125 Statistics *		3.0
BIO-100 Bio Science I		4.0
HUM-150 Humanities Through the Arts		3.0
SEMESTER TOTALS		16.0
Second		
Semester		
ENG-121 Composition II *		3.0
HED-102 Nutrition		3.0
CHM-101 Physical Science II		3.0
MUS-229 Understanding Music		3.0
--- --- Mathematics (IAI M)		3.0
SEMESTER TOTALS		15.0

SECOND YEAR		
First		
Semester		Hours
SPE-111 Intro to Speech Communication		3.0
HED-290 Disease Processes *		2.0
ART-250 Understanding Art		3.0
POS-160 American National Government		3.0
BIO-225 Human Ana/Phys I *		4.0
HED-270 Community Health		3.0
SEMESTER TOTALS		18.0
Second		
Semester		
--- --- Social/Behavioral Science (IAI S)		3.0
PSY-271 Intr/Psychology		3.0
PED-285 Fitness for Life		3.0
--- --- Electives		6.0
SEMESTER TOTALS		15.0
TOTAL PROGRAM HOURS		64.0

SUGGESTED ELECTIVES		
BIO-130 Environmental Science		4.0
HED-178 Responding to Emergencies		2.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Cathy Bunton
Faculty Email: cbunton@lakelandcollege.edu
Faculty Phone: 217-234-5361



MATH PATHWAY

HISTORY

(AA.HIS) ASSOCIATE IN ARTS

This program follows Math Pathway #1. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR			SECOND YEAR		
First			First		
Semester		Hours	Semester		Hours
ENG-120	Composition I *	3.0	SPE-111	Intro to Speech Communication	3.0
HIS-155	History of the U.S. I	3.0	HIS-250	Western Civil to 1660	3.0
-- ---	Mathematics (IAI M) *	3.0	--- ---	Electives	6.0
--- ---	Physical and Life Sciences (IAI P or IAI L)	4.0	HIS-153	History/Culture of Third World	3.0
--- ---	Elective	3.0		SEMESTER TOTALS	15.0
	SEMESTER TOTALS	16.0		Second	
Second			Semester		
Semester			HIS-252	West Civil/1660-Present	3.0
ENG-121	Composition II *	3.0	POS-160	American National Government	3.0
HIS-156	History of the U.S. II	3.0	--- ---	Electives	11.0
--- ---	Physical and Life Sciences (IAI P or IAI L)	3.0		SEMESTER TOTALS	17.0
--- ---	Humanities and Fine Arts (IAI F)	3.0		TOTAL PROGRAM HOURS	64.0
--- ---	Electives	4.0			
	SEMESTER TOTALS	16.0			
SUGGESTED ELECTIVES					
	EDU-100	Introduction to Education ^^			3.0
	HED-200	Principles of Health			3.0
	PED-285	Fitness for Life			3.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

^^^ Course requires a 30-hour practicum experience in addition to classroom lecture hours

Call Counseling Services: 217-234-5232
 Email: counsel@lakelandcollege.edu

Faculty Contact: Matthew Greider
 Faculty Email: mgreider@lakelandcollege.edu
 Faculty Phone: 217-234-5290



MATH PATHWAY

LIBERAL ARTS

(AA.LAS) ASSOCIATE IN ARTS

The sequence below works for students seeking an associate degree to prepare for transfer to a university who wish to cover a broad selection of courses centered on the liberal arts.

This program follows Math Pathway #1. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR			SECOND YEAR		
First Semester			First Semester		
ENG-120 Composition I *		3.0	SPE-111 Intro to Speech Communication		3.0
--- --- Mathematics (IAI M) *		3.0	--- --- Physical and Life Sciences (IAI P or IAI L)		3.0
--- --- Humanities and Fine Arts (IAI H)		3.0	--- --- Social/Behavioral Science (IAI S)		3.0
--- --- Social/Behavioral Science (IAI S)		3.0	--- --- Electives		6.0
--- --- Elective		3.0	SEMESTER TOTALS		15.0
SEMESTER TOTALS		15.0	Second Semester		
Second Semester			Second Semester		
ENG-121 Composition II *		3.0	--- --- Humanities and Fine Arts (IAI H or IAI F)		3.0
--- --- Physical and Life Sciences (IAI P or IAI L)		4.0	--- --- Social/Behavioral Science (IAI S)		3.0
--- --- Humanities and Fine Arts (IAI F)		3.0	--- --- Electives		12.0
--- --- Electives		6.0	SEMESTER TOTALS		18.0
SEMESTER TOTALS		16.0	TOTAL PROGRAM HOURS		64.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Salisa Olmsted
Faculty Email: shortens@lakelandcollege.edu
Faculty Phone: 217-234-5271



MATH PATHWAY

MATHEMATICS

(AA.MATH) ASSOCIATE IN ARTS

Mathematics prepares the student to transfer to a senior institution with a major in mathematics.

This program follows Math Pathway #4. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR			SECOND YEAR		
First Semester			First Semester		
ENG-120	Composition I *	3.0	MAT-151	C Program W/Engineering Appl * +	3.0
MAT-241	Analytical Geom-Calc I *	5.0	MAT-255	Linear Algebra * +	3.0
SPE-111	Intro to Speech Communication	3.0	--- ---	Humanities and Fine Arts (IAI H, IAI F, or IAI HF)	3.0
BIO-100	Bio Science I	4.0	--- ---	Social/Behavioral Science (IAI S)	3.0
PHI-290	Intro to Logic	3.0	--- ---	Elective	3.0
SEMESTER TOTALS		18.0	SEMESTER TOTALS		15.0
Second Semester			Second Semester		
ENG-121	Composition II *	3.0	MAT-243	Analytical Geom-Calc III * +++	4.0
MAT-242	Analytical Geom-Calc II *	4.0	MAT-245	Differential Equations * +++	3.0
PHY-140	University Physics I * +++ or		--- ---	Social/Behavioral Science (IAI S)	3.0
--- ---	Physical and Life Sciences (IAI P or IAI L)	3.0	--- ---	Electives	5.0
--- ---	Social/Behavioral Science (IAI S)	3.0	SEMESTER TOTALS		15.0
--- ---	Humanities and Fine Arts (IAI F)	3.0	TOTAL PROGRAM HOURS		64.0
SEMESTER TOTALS		16.0	SUGGESTED ELECTIVES		
			PHY-141	University Physics II * +	4.0
			CIS-156	Computer Logic * +++	3.0
			CIS-162	Object-Oriented Programming I * +++	3.0
			EDU-100	Introduction to Education	3.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+++ Course only offered spring semester

+ Course only offered fall semester

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Shelle Hartzel
Faculty Email: shartzel@lakelandcollege.edu
Faculty Phone: 217-234-5289



MATH PATHWAY

MATHEMATICS EDUCATION

(AA.MAED) ASSOCIATE IN ARTS

Mathematics Education prepares the student to transfer to a senior institution with a major in mathematics education.

This program follows Math Pathway #4. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR		SECOND YEAR	
First Semester		First Semester	
ENG-120 Composition I *	3.0	EDU-200 Educational Psychology	3.0
MAT-241 Analytical Geom-Calc I *	5.0	MAT-255 Linear Algebra * +	3.0
SPE-111 Intro to Speech Communication	3.0	--- --- Humanities and Fine Arts (IAI F)	3.0
--- --- Physical and Life Science (IAI P or IAI L)	4.0	--- --- Social/Behavioral Science (IAI S)	3.0
EDU-100 Introduction to Education ^^	3.0	HIS-153 History/Culture of Third World	3.0
SEMESTER TOTALS	18.0	SEMESTER TOTALS	15.0
Second Semester		Second Semester	
ENG-121 Composition II *	3.0	MAT-243 Analytical Geom-Calc III * +++	4.0
MAT-242 Analytical Geom-Calc II *	4.0	MAT-245 Differential Equations * +++	3.0
--- --- Physical and Life Sciences (IAI P or IAI L)	3.0	--- --- Social/Behavioral Science (IAI S)	3.0
PSY-271 Intr/Psychology	3.0	--- --- Humanities and Fine Arts (IAI H or IAI F)	3.0
EDU-210 Diversity/Schools & Societies	3.0	--- --- Elective ^^	2.0
SEMESTER TOTALS	16.0	SEMESTER TOTALS	15.0
		TOTAL PROGRAM HOURS	64.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

^^ Course requires a 30-hour practicum experience in addition to classroom lecture hours

+ Course only offered fall semester

+++ Course only offered spring semester

^^ Consult Academic Advisor for appropriate course

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Charles Jarrell
Faculty Email: cjarrell@lakelandcollege.edu
Faculty Phone: 217-234-5331



MATH PATHWAY

OTHER MAJOR

(AA.OTH) ASSOCIATE IN ARTS

The sequence below is for students seeking an associate degree to prepare for transfer to a university, but are pursuing a career path or major not offered at Lake Land College. The intent of this sample curriculum is to allow students to select appropriate coursework based on the major of interest and the school to which they wish to transfer. Coordination between the student and Academic Advisors at Lake Land College and the transfer school will guide the selected coursework.

This program follows Math Pathway #1. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR		SECOND YEAR	
First Semester		First Semester	
ENG-120 Composition I *	3.0	SPE-111 Intro to Speech Communication	3.0
--- --- Mathematics (IAI M) *	3.0	--- --- Physical and Life Sciences (IAI P or IAI L)	3.0
--- --- Humanities and Fine Arts (IAI H)	3.0	--- --- Social/Behavioral Science (IAI S)	3.0
--- --- Social/Behavioral Science (IAI S)	3.0	--- --- Electives	6.0
--- --- Elective	3.0	SEMESTER TOTALS	15.0
SEMESTER TOTALS	15.0	Second Semester	
Second Semester		Second Semester	
ENG-121 Composition II *	3.0	--- --- Social/Behavioral Science (IAI S)	3.0
--- --- Physical and Life Sciences (IAI P or IAI L)	4.0	--- --- Humanities and Fine Arts (IAI F)	3.0
--- --- Humanities and Fine Arts (IAI F)	3.0	--- --- Electives	12.0
--- --- Electives	6.0	SEMESTER TOTALS	18.0
SEMESTER TOTALS	16.0	TOTAL PROGRAM HOURS	64.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
 Email: counsel@lakelandcollege.edu

Faculty Contact: Krista Burrell
 Faculty Email: kburrell@lakelandcollege.edu
 Faculty Phone: 217-234-5042



MATH PATHWAY

PHYSICAL EDUCATION

(AA.PHYED) ASSOCIATE IN ARTS

This program follows Math Pathway #1. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR			SECOND YEAR		
First			First		
Semester		Hours	Semester		Hours
ENG-120	Composition I *	3.0	SPE-111	Intro to Speech Communication	3.0
PED-183	Intro to Physical Education	3.0	PED-172	Bsc Act Elem/Sec Child	2.0
MAT-125	Statistics * or		ART-250	Understanding Art	3.0
---	Mathematics (IAI M)	3.0	POS-160	American National Government	3.0
BIO-100	Bio Science I	4.0	---	Elective	2.0
HUM-150	Humanities Through the Arts	3.0	PED-244	Kinesiology	4.0
SEMESTER TOTALS		16.0	SEMESTER TOTALS		17.0
Second			Second		
Semester			Semester		
ENG-121	Composition II *	3.0	PSY-271	Intr/Psychology	3.0
PED-185	B-Ball/V-Ball Sports Officiate	3.0	---	Humanities and Fine Arts (IAI H)	3.0
CHM-101	Physical Science II	3.0	PED-285	Fitness for Life	3.0
BIO-225	Human Ana/Phys I *	4.0	HED-200	Principles of Health	3.0
---	Social/Behavioral Science (IAI S)	3.0	PED-152	Theory of Motor Learning	3.0
SEMESTER TOTALS		16.0	SEMESTER TOTALS		15.0
			TOTAL PROGRAM HOURS		
			64.0		
SUGGESTED ELECTIVES					
			EDU-100	Introduction to Education ^^^	3.0
			PED ---	Skill Classes	4.0
			PED ---	Technique of Classes	4.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

^^^ Course requires a 30-hour practicum experience in addition to classroom lecture hours

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: David Johnson
Faculty Email: djohnson@lakelandcollege.edu
Faculty Phone: 217-234-5446



MATH PATHWAY

PHYSICS

(AS.PHYS) ASSOCIATE IN SCIENCE

Upon completion of this course sequence, physics students will receive an associate in science degree.

This program follows Math Pathway #4. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR			SECOND YEAR		
First			First		
Semester		Hours	Semester		Hours
CHM-150	General Chemistry I *	4.0	PHY-141	University Physics II * +	4.0
MAT-241	Analytical Geom-Calc I *	5.0	SPE-111	Intro to Speech Communication	3.0
ENG-120	Composition I *	3.0	BIO-100	Bio Science I	4.0
---	Humanities and Fine Arts (IAI H)	3.0	---	Physics/Math Elective	3.0
SEMESTER TOTALS		15.0	---	Humanities and Fine Arts (IAI F)	3.0
Second			Second		
Semester			Semester		
CHM-151	General Chemistry II *	4.0	PHY-142	University Physics III * +++	4.0
MAT-242	Analytical Geom-Calc II *	4.0	MAT-243	Analytical Geom-Calc III * +++	4.0
ENG-121	Composition II *	3.0	---	Physics/Math Elective	3.0
PHY-140	University Physics I * +++	4.0	---	Social/Behavioral Science (IAI S)	3.0
---	Social/Behavioral Science (IAI S)	3.0	SEMESTER TOTALS		14.0
SEMESTER TOTALS		18.0	TOTAL PROGRAM HOURS		64.0
SUGGESTED ELECTIVES					
MAT-245 Differential Equations * +++					3.0
MAT-255 Linear Algebra * +					3.0
PHY-239 Mechanics I * +					3.0
PHY-240 Mechanics II * +++					3.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+++ Course only offered spring semester

+ Course only offered fall semester

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Rakhsha Nasseripour
Faculty Email: rnasseripour@lakelandcollege.edu
Faculty Phone: 217-234-5330



MATH PATHWAY

POLITICAL SCIENCE

(AA.PS) ASSOCIATE IN ARTS

This program follows Math Pathway #1. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR	
First	
Semester	Hours
ENG-120 Composition I *	3.0
POS-160 American National Government	3.0
--- --- Mathematics (IAI M) *	3.0
--- --- Physical and Life Sciences (IAI P or IAI L)	4.0
--- --- Humanities and Fine Arts (IAI H)	3.0
SEMESTER TOTALS	16.0
Second	
Semester	
ENG-121 Composition II *	3.0
POS-162 State/Local Govern	3.0
--- --- Physical and Life Sciences (IAI P or IAI L)	3.0
--- --- Humanities and Fine Arts (IAI F)	3.0
PSY-271 Intr/Psychology	3.0
SEMESTER TOTALS	15.0

SECOND YEAR	
First	
Semester	Hours
SPE-111 Intro to Speech Communication	3.0
POS-264 Intro/Interntnl Rel	3.0
--- --- Humanities and Fine Arts (IAI H)	3.0
--- --- Social/Behavioral Science (IAI S)	3.0
--- --- Recommended or Open Electives	4.0
SEMESTER TOTALS	16.0
Second	
Semester	
--- --- Social/Behavioral Science (IAI S)	3.0
HIS-250 Western Civil to 1660	3.0
--- --- Electives	11.0
SEMESTER TOTALS	17.0
TOTAL PROGRAM HOURS	64.0

SUGGESTED ELECTIVES	
MAT-125 Statistics *	3.0
HIS-252 West Civil/1660-Present	3.0
HIS-153 History/Culture of Third World	3.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
 Email: counsel@lakelandcollege.edu

Faculty Contact: Michael Rogers
 Faculty Email: srogers@lakelandcollege.edu
 Faculty Phone: 217-234-5236



MATH PATHWAY

PRE-CHIROPRACTIC

(AS.PCHI) ASSOCIATE IN SCIENCE

The following courses are recommended for Pre-Chiropractic students. Upon completion of this course sequence, pre-chiropractic students will receive an associate in science degree.

The associate in science degree requires the completion of 64 credit hours. The sample course sequence below includes the required 64 credit hours plus additional courses recommended for this major.

This program follows Math Pathway #4. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR			SECOND YEAR		
First			First		
Semester		Hours	Semester		Hours
ENG-120	Composition I *	3.0	CHM-243	Organic Chemistry I * +	4.0
CHM-150	General Chemistry I *	4.0	CHM-253	Organic Chemistry Lab I * +	1.0
BIO-100	Bio Science I	4.0	PHY-130	College Physics I * +	4.0
MAT-125	Statistics *	3.0	---	Social/Behavioral Science (IAI S)	3.0
SPE-111	Intro to Speech Communication	3.0	MAT-241	Analytical Geom-Calc I *	5.0
SEMESTER TOTALS		17.0	SEMESTER TOTALS		17.0
Second			Second		
Semester			Semester		
ENG-121	Composition II *	3.0	CHM-244	Organic Chemistry II * +++	4.0
CHM-151	General Chemistry II *	4.0	CHM-254	Organic Chemistry Lab II * +++	1.0
BIO-116	General Zoology *	4.0	PHY-131	College Physics II * +++	4.0
BIO-225	Human Ana/Phys I *	4.0	PSY-271	Intr/Psychology	3.0
---	Humanities and Fine Arts (IAI H)	3.0	---	Humanities and Fine Arts (IAI F)	3.0
SEMESTER TOTALS		18.0	SEMESTER TOTALS		15.0
			TOTAL PROGRAM HOURS		67.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+ Course only offered fall semester

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Gregory Capitost

Faculty Email: gcapitos@lakelandcollege.edu

Faculty Phone: 217-234-5320



MATH PATHWAY

PRE-DENTAL

(AS.PDEN) ASSOCIATE IN SCIENCE

The following courses are recommended for Pre-Dentistry students. Upon completion of this course sequence, pre-dental students will receive an associate in science degree.

The associate in science degree requires the completion of 64 credit hours. The sample course sequence below includes the required 64 credit hours plus additional courses recommended for this major.

This program follows Math Pathway #4. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR			SECOND YEAR		
First			First		
Semester		Hours	Semester		Hours
ENG-120	Composition I *	3.0	HIS-155	History of the U.S. I	3.0
BIO-100	Bio Science I	4.0	CHM-243	Organic Chemistry I * +	4.0
PSY-271	Intr/Psychology	3.0	CHM-253	Organic Chemistry Lab I * +	1.0
MAT-140	Algebra With Trigonometry *	5.0	BIO-226	Human Ana/Phys II	4.0
CHM-150	General Chemistry I *	4.0	SPE-111	Intro to Speech Communication	3.0
	SEMESTER TOTALS	19.0	--- ---	Humanities and Fine Arts (IAI H)	3.0
Second			SEMESTER TOTALS		
Semester					18.0
ENG-121	Composition II *	3.0	Second		
BIO-225	Human Ana/Phys I *	4.0	Semester		
MAT-241	Analytical Geom-Calc I *	5.0	BIO-235	Microbiology *	4.0
CHM-151	General Chemistry II *	4.0	CHM-244	Organic Chemistry II * +++	4.0
	SEMESTER TOTALS	16.0	CHM-254	Organic Chemistry Lab II * +++	1.0
			--- ---	Humanities and Fine Arts (IAI F)	3.0
				SEMESTER TOTALS	12.0
				TOTAL PROGRAM HOURS	65.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+ Course only offered fall semester

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Marc Dal Ponte

Faculty Email: mdalpont@lakelandcollege.edu

Faculty Phone: 217-234-5238



MATH PATHWAY

PRE-ENGINEERING

(AS.PENG) ASSOCIATE IN SCIENCE

This degree is designed for students who do not plan to transfer to the University of Illinois. Students who are planning to transfer to the U of I should see the Engineering (AES.ENGR) degree program.

Upon completion of this course sequence, pre-engineering students will receive an associate in science degree. The association in science degree requires the completion of 64 credit hours. The sample course sequence below includes the required 64 credit hours plus additional courses recommended for this major.

This program follows Math Pathway #4. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR			SECOND YEAR		
First			First		
Semester		Hours	Semester		Hours
CHM-150	General Chemistry I *	4.0	PHY-141	University Physics II * +	4.0
MAT-241	Analytical Geom-Calc I *	5.0	SPE-111	Intro to Speech Communication	3.0
ENG-120	Composition I *	3.0	BIO-100	Bio Science I	4.0
ECO-231	Principles of Econ I (Macro)	3.0	MAT-151	C Program W/Engineering Appl * +	3.0
TEC-103	Engineering Graphics	3.0	PHY-239	Mechanics I * +	3.0
SEMESTER TOTALS		18.0	SEMESTER TOTALS		17.0
Second			Second		
Semester			Semester		
CHM-151	General Chemistry II *	4.0	MAT-245	Differential Equations * +++	3.0
MAT-242	Analytical Geom-Calc II *	4.0	PHY-240	Mechanics II * +++	3.0
ENG-121	Composition II *	3.0	MAT-243	Analytical Geom-Calc III * +++	4.0
PHY-140	University Physics I * +++	4.0	--- ---	Humanities and Fine Arts (IAI F)	3.0
--- ---	Social/Behavioral Science (IAI S) *	3.0	--- ---	Humanities and Fine Arts (IAI H)	3.0
SEMESTER TOTALS		18.0	SEMESTER TOTALS		16.0
			TOTAL PROGRAM HOURS		69.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+++ Course only offered spring semester

+ Course only offered fall semester

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Walter McHenry
Faculty Email: wmchenry@lakelandcollege.edu
Faculty Phone: 217-234-5352



MATH PATHWAY

PRE-MEDICINE

(AS.PMED) ASSOCIATE IN SCIENCE

The following courses are recommended for Pre-Medicine students. Upon completion of this course sequence, pre-medicine students will receive an associate in science degree.

The associate in science degree requires the completion of 64 credit hours. The sample course sequence below includes the required 64 credit hours plus additional courses recommended for this major.

This program follows Math Pathway #4. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR			SECOND YEAR		
First			First		
Semester		Hours	Semester		Hours
ENG-120	Composition I *	3.0	PHY-130	College Physics I * +	4.0
BIO-100	Bio Science I	4.0	CHM-243	Organic Chemistry I * +	4.0
CHM-150	General Chemistry I *	4.0	CHM-253	Organic Chemistry Lab I * +	1.0
MAT-140	Algebra With Trigonometry *	5.0	SPE-111	Intro to Speech Communication	3.0
SEMESTER TOTALS		16.0	---	Social/Behavioral Science (IAI S)	3.0
Second			---	Humanities and Fine Arts (IAI F)	3.0
Semester			SEMESTER TOTALS		18.0
ENG-121	Composition II *	3.0	Second		
BIO-116	General Zoology *	4.0	Semester		
MAT-241	Analytical Geom-Calc I *	5.0	CHM-244	Organic Chemistry II * +++	4.0
CHM-151	General Chemistry II *	4.0	CHM-254	Organic Chemistry Lab II * +++	1.0
SEMESTER TOTALS		16.0	BIO-111	General Botany *	4.0
			PHY-131	College Physics II *	4.0
			---	Humanities and Fine Arts (IAI H)	3.0
			---	Social/Behavioral Science (IAI S)	3.0
			SEMESTER TOTALS		19.0
			TOTAL PROGRAM HOURS		69.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+ Course only offered fall semester

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Gregory Capitosi

Faculty Email: gcapitos@lakelandcollege.edu

Faculty Phone: 217-234-5320



MATH PATHWAY

PRE-NURSING

(AA.PNUR) ASSOCIATE IN ARTS

The following courses are recommended for Pre-Nursing. This major prepares students to transfer directly to an institution offering a Bachelor's of Science in Nursing (BSN). Thus, this major differs from the AAS.ADN or CRT.PN majors. Students who plan to first complete the nursing program at Lake Land College, and are seeking admission to the Lake Land College Associate Degree in Nursing (RN) or Certificate in Practical Nursing (PN), should refer to the AAS.ADN or CRT.PN sections of the catalog.

This program follows Math Pathway #1. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR			SECOND YEAR		
First			First		
Semester		Hours	Semester		Hours
ENG-120	Composition I *	3.0	BIO-226	Human Ana/Phys II *	4.0
BIO-100	Bio Science I	4.0	MAT-125	Statistics *	3.0
PSY-271	Intr/Psychology	3.0	PHI-290	Intro to Logic	3.0
CHM-120	Gen, Organic & Biochemistry I +	4.0	PSY-279	Human Dev/Life Span	3.0
SPE-111	Intro to Speech Communication	3.0	--- ---	Elective ^^	3.0
SEMESTER TOTALS		17.0	SEMESTER TOTALS		16.0
Second			Second		
Semester			Semester		
ENG-121	Composition II *	3.0	BIO-235	Microbiology *	4.0
BIO-225	Human Ana/Phys I *	4.0	--- ---	Humanities and Fine Arts (IAI F)	3.0
CHM-121	Gen, Organic & Biochemistry II * +++	5.0	HED-102	Nutrition	3.0
PHI-280	Ethics	3.0	--- ---	Elective ^^	3.0
SOC-280	Introduction to Sociology	3.0	SEMESTER TOTALS		13.0
SEMESTER TOTALS		18.0	TOTAL PROGRAM HOURS		64.0
SUGGESTED ELECTIVES					
ANT-200 General Anthropology					3.0
CIS-160 Practical Software Application					3.0
POS-160 American National Government					3.0
HIS-153 History/Culture of Third World					3.0
AHE-041 Medical Terminology					3.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+ Course only offered fall semester

+++ Course only offered spring semester

^^ Consult Academic Advisor for appropriate course

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Suzett Doty
Faculty Email: sdoty@lakelandcollege.edu
Faculty Phone: 217-234-5245



MATH PATHWAY

PRE-PHARMACY

(AS.PPHM) ASSOCIATE IN SCIENCE

The following courses are recommended for Pre-Pharmacy students. Upon completion of this course sequence, pre-pharmacy students will receive an associate in science degree.

The associate in science degree requires the completion of 64 credit hours. The sample course sequence below includes the required 64 credit hours plus additional courses recommended for this major.

This program follows Math Pathway #4. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR			SECOND YEAR		
First			First		
Semester		Hours	Semester		Hours
ENG-120	Composition I *	3.0	BIO-225	Human Ana/Phys I *	4.0
BIO-100	Bio Science I	4.0	CHM-243	Organic Chemistry I * +	4.0
CHM-150	General Chemistry I *	4.0	CHM-253	Organic Chemistry Lab I * +	1.0
---	Humanities and Fine Arts (IAI F) ^^	3.0	SPE-111	Intro to Speech Communication	3.0
---	Humanities and Fine Arts (IAI H) ^^	3.0	PHY-130	College Physics I * +	4.0
SEMESTER TOTALS		17.0	SEMESTER TOTALS		16.0
Second			Second		
Semester			Semester		
ENG-121	Composition II *	3.0	BIO-226	Human Ana/Phys II *	4.0
BIO-116	General Zoology *	4.0	CHM-244	Organic Chemistry II * +++	4.0
CHM-151	General Chemistry II *	4.0	CHM-254	Organic Chemistry Lab II * +++	1.0
BIO-111	General Botany *	4.0	PSY-271	Intr/Psychology	3.0
MAT-125	Statistics *	3.0	MAT-241	Analytical Geom-Calc I *	5.0
SEMESTER TOTALS		18.0	---	Social/Behavioral Science (IAI S)	3.0
			SEMESTER TOTALS		20.0
			TOTAL PROGRAM HOURS		71.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

^^ Consult Academic Advisor for appropriate course

+ Course only offered fall semester

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Gregory Capitost

Faculty Email: gcapitos@lakelandcollege.edu

Faculty Phone: 217-234-5320



MATH PATHWAY

PRE-PHYSICAL THERAPY

(AS.PPTH) ASSOCIATE IN SCIENCE

The following courses are recommended for Pre-Physical Therapy students. Upon completion of this course sequence, pre-physical therapy students will receive an associate in science degree.

This program follows Math Pathway #4. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR			SECOND YEAR		
First Semester			First Semester		
ENG-120	Composition I *	3.0	BIO-226	Human Ana/Phys II *	4.0
BIO-100	Bio Science I	4.0	PED-244	Kinesiology	4.0
CHM-150	General Chemistry I *	4.0	PHY-130	College Physics I * +	4.0
MAT-125	Statistics *	3.0	MAT-241	Analytical Geom-Calc I *	5.0
SEMESTER TOTALS		14.0	SEMESTER TOTALS		17.0
Second Semester			Second Semester		
ENG-121	Composition II *	3.0	SPE-111	Intro to Speech Communication	3.0
BIO-225	Human Ana/Phys I *	4.0	PHY-131	College Physics II * +++	4.0
LIT-130	Intro to Literature *	3.0	--- ---	Humanities and Fine Arts (IAI F)	3.0
CHM-151	General Chemistry II *	4.0	--- ---	Social/Behavioral Science (IAI S)	3.0
PSY-271	Intr/Psychology	3.0	--- ---	Elective ^^	3.0
SEMESTER TOTALS		17.0	SEMESTER TOTALS		16.0
			TOTAL PROGRAM HOURS		
			64.0		
SUGGESTED ELECTIVES					
			MAT-242	Analytical Geom-Calc II * ^^	4.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+ Course only offered fall semester

+++ Course only offered spring semester

^^ Consult Academic Advisor for appropriate course

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Marc Dal Ponte

Faculty Email: mdalpont@lakelandcollege.edu

Faculty Phone: 217-234-5238



MATH PATHWAY

PRE-VETERINARY MEDICINE

(AA.PVET) ASSOCIATE IN ARTS

The Pre-Veterinary Medicine major is designed for those students who are planning to transfer to a university such as the University of Illinois to earn a Bachelor of Science degree in Animal Science with a pre-veterinary medicine concentration or seek early admission to a College of Veterinary Medicine. This major can also be used to meet requirements for the pre-veterinary medicine concentration at Eastern Illinois University.

The associate in arts degree requires the completion of 64 credit hours. The sample course sequence below includes the required 64 credit hours plus additional courses recommended for this major.

This program follows Math Pathway #4. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR			SECOND YEAR		
First			First		
Semester		Hours	Semester		Hours
ENG-120	Composition I *	3.0	SPE-111	Intro to Speech Communication	3.0
BIO-100	Bio Science I	4.0	CHM-150	General Chemistry I *	4.0
AGR-206	Intro/Animal Science	4.0	HIS-153	History/Culture of Third World or	
PSY-271	Intr/Psychology or		--- ---	Humanities and Fine Arts (IAI H)	3.0
SOC-280	Social/Behavioral Science (IAI S)	3.0	AGR-207	Intro/Ag Economics	4.0
MAT-140	Algebra With Trigonometry *	5.0		SEMESTER TOTALS	14.0
	SEMESTER TOTALS	19.0			
Second			Second		
Semester			Semester		
ENG-121	Composition II *	3.0	CHM-151	General Chemistry II *	4.0
BIO-116	General Zoology *	4.0	ART-250	Understanding Art	3.0
ECO-231	Principles of Econ I (Macro)	3.0	BIO-235	Microbiology *	4.0
MAT-211	Math Analysis * or		POS-160	American National Government	3.0
MAT-241	Analytical Geom-Calc I *	4.0		SEMESTER TOTALS	14.0
HIS-252	West Civil/1660-Present or			TOTAL PROGRAM HOURS	64.0
--- ---	Humanities and Fine Arts (IAI H)	3.0			
	SEMESTER TOTALS	17.0			
			SUGGESTED ELECTIVES		
			MAT-125	Statistics	3.0
			PHY-130	College Physics I	4.0
			PHY-131	College Physics II	4.0
			AGR-064	Beef/Dairy Production Skills	1.5
			AGR-065	A.I. Management-Cattle	1.5
			AGR-071	Swine Reproduction and A.I.	1.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Ryan Wildman
Faculty Email: rwildman@lakelandcollege.edu
Faculty Phone: 217-234-5226



MATH PATHWAY

PSYCHOLOGY

(AA.PSY) ASSOCIATE IN ARTS

This program follows Math Pathway #1. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR		SECOND YEAR	
First		First	
Semester	Hours	Semester	Hours
ENG-120 Composition I *	3.0	SPE-111 Intro to Speech Communication	3.0
PSY-271 Intr/Psychology	3.0	PSY-277 Social Psychology *	3.0
Mathematics (IAI M) ^^ *	3.0	--- --- Humanities and Fine Arts (IAI H or IAI F)	3.0
--- --- Physical and Life Sciences (IAI P or IAI L)	4.0	--- --- Electives ^^	6.0
--- --- Humanities and Fine Arts (IAI H)	3.0	SEMESTER TOTALS	15.0
SEMESTER TOTALS	16.0		
Second		Second	
Semester		Semester	
ENG-121 Composition II *	3.0	SOS-283 Introduction Research Methods ^^ or	
SOC-280 Introduction to Sociology	3.0	--- --- Elective	3.0
--- --- Physical and Life Sciences (IAI P or IAI L)	3.0	--- --- Electives	15.0
--- --- Humanities and Fine Arts (IAI F)	3.0	SEMESTER TOTALS	18.0
--- --- Elective	3.0	TOTAL PROGRAM HOURS	64.0
SEMESTER TOTALS	15.0		

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

^^ Consult Academic Advisor for appropriate course

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Lara Bacino-Althaus

Faculty Email: lbacino@lakelandcollege.edu

Faculty Phone: 217-234-5292



MATH PATHWAY

SECONDARY EDUCATION-BIOLOGY

(AA.SCED.BIO) ASSOCIATE IN ARTS

Science Education prepares the student to transfer to a senior institution with a major in science education in secondary education.

The associate in arts degree requires the completion of 64 credit hours. The sample course sequence below includes the required 64 credit hours plus additional courses recommended for this major.

This program follows Math Pathway #1. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR			SECOND YEAR		
First			First		
Semester		Hours	Semester		Hours
ENG-120	Composition I *	3.0	BIO-116	General Zoology *	4.0
MAT-125	Statistics *	3.0	SPE-111	Intro to Speech Communication	3.0
POS-160	American National Government	3.0	--- ---	Humanities and Fine Arts (IAI F)	3.0
BIO-100	Bio Science I	4.0	EDU-100	Introduction to Education ^^	3.0
CHM-150	General Chemistry I *	4.0	PHY-130	College Physics I * +	4.0
SEMESTER TOTALS		17.0	SEMESTER TOTALS		17.0
Second			Second		
Semester			Semester		
ENG-121	Composition II *	3.0	BIO-225	Human Ana/Phys I *	4.0
CHM-151	General Chemistry II *	4.0	PHY-131	College Physics II * +++	4.0
--- ---	Social/Behavioral Science (IAI S)	3.0	HIS-153	History/Culture of Third World	3.0
BIO-111	General Botany *	4.0	EDU-210	Diversity/Schools & Societies	3.0
--- ---	Humanties and Fine Arts (IAI H)	3.0	--- ---	Social/Behavioral Science (IAI S)	3.0
SEMESTER TOTALS		17.0	SEMESTER TOTALS		17.0
			TOTAL PROGRAM HOURS		
			68.0		
SUGGESTED ELECTIVES					
			BIO-225	Human Ana/Phys I *	4.0
			CHM-243	Organic Chemistry I * +	4.0
			CHM-253	Organic Chemistry Lab I * +	1.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

^^ Course requires a 30-hour practicum experience in addition to classroom lecture hours

+ Course only offered fall semester

+++ Course only offered spring semester

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Charles Jarrell

Faculty Email: cjarrell@lakelandcollege.edu

Faculty Phone: 217-234-5331



MATH PATHWAY

SECONDARY EDUCATION-CHEMISTRY

(AS.SCED.CHM) ASSOCIATE IN SCIENCE

Science Education prepares the student to transfer to a senior institution with a major in science education in secondary education with a specialization in Chemistry.

This program follows Math Pathway #4. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR			SECOND YEAR		
First			First		
Semester		Hours	Semester		Hours
ENG-120	Composition I *	3.0	SPE-111	Intro to Speech Communication	3.0
MAT-241	Analytical Geom-Calc I *	5.0	--- ---	Humanities and Fine Arts (IAI F)	3.0
CHM-150	General Chemistry I *	4.0	PHY-141	University Physics II * +	4.0
POS-160	American National Government	3.0	EDU-100	Introduction to Education ^^^	3.0
--- ---	Humanities and Fine Arts (IAI H or IAI F)	3.0	BIO-100	Bio Science I	4.0
	SEMESTER TOTALS	18.0		SEMESTER TOTALS	17.0
Second			Second		
Semester			Semester		
ENG-121	Composition II *	3.0	HIS-153	History/Culture of Third World	3.0
MAT-242	Analytical Geom-Calc II *	4.0	--- ---	Social/Behavioral Science (IAI S)	3.0
PHY-140	University Physics I * +++	4.0	--- ---	Electives	8.0
CHM-151	General Chemistry II *	4.0		SEMESTER TOTALS	14.0
	SEMESTER TOTALS	15.0		TOTAL PROGRAM HOURS	64.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

+++ Course only offered spring semester

+ Course only offered fall semester

^^^ Course requires a 30-hour practicum experience in addition to classroom lecture hours

Call Counseling Services: 217-234-5232

Email: counsel@lakelandcollege.edu

Faculty Contact: Charles Jarrell

Faculty Email: cjarrell@lakelandcollege.edu

Faculty Phone: 217-234-5331



MATH PATHWAY

SECONDARY EDUCATION-PHYSICS

(AS.SCED.PHY) ASSOCIATE IN SCIENCE

Science Education prepares the student to transfer to a senior institution with a major in science education in secondary education with an specialization in Physics.

This program follows Math Pathway #4. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR			SECOND YEAR		
First			First		
Semester		Hours	Semester		Hours
ENG-120	Composition I *	3.0	SPE-111	Intro to Speech Communication	3.0
MAT-241	Analytical Geom-Calc I *	5.0	MAT-243	Analytical Geom-Calc III *	4.0
CHM-150	General Chemistry I *	4.0	--- ---	Humanities and Fine Arts (IAI F)	3.0
POS-160	American National Government	3.0	PHY-141	University Physics II * +	4.0
--- ---	Humanities and Fine Arts (IAI H)	3.0	EDU-100	Introduction to Education ^^	3.0
	SEMESTER TOTALS	18.0		SEMESTER TOTALS	17.0
Second			Second		
Semester			Semester		
ENG-121	Composition II *	3.0	BIO-100	Bio Science I	4.0
MAT-242	Analytical Geom-Calc II *	4.0	PHY-142	University Physics III +++	4.0
PHY-140	University Physics I * +++	4.0	EDU-210	Diversity/Schools & Societies	3.0
CHM-151	General Chemistry II *	4.0	--- ---	Social/Behavioral Science (IAI S)	3.0
	SEMESTER TOTALS	15.0		SEMESTER TOTALS	14.0
				TOTAL PROGRAM HOURS	64.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

- * There are prerequisites, course requisites, or minimum placement test scores for this course.
- +++ Course only offered spring semester
- + Course only offered fall semester
- ^^ Course requires a 30-hour practicum experience in addition to classroom lecture hours

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Charles Jarrell
Faculty Email: cjarrell@lakelandcollege.edu
Faculty Phone: 217-234-5331



MATH PATHWAY

SOCIOLOGY/SOCIAL WORK

(AA.SSW) ASSOCIATE IN ARTS

This program follows Math Pathway #1. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR		SECOND YEAR	
First		First	
Semester	Hours	Semester	Hours
ENG-120 Composition I *	3.0	SPE-111 Intro to Speech Communication	3.0
SOC-280 Introduction to Sociology	3.0	SOC-284 Sociology/Deviant Behavior	3.0
MAT-125 Statistics *	3.0	--- --- Humanities and Fine Arts (IAI H)	3.0
--- --- Physical and Life Sciences (IAI P or IAI L)	4.0	--- --- Social/Behavioral Science (IAI S)	3.0
--- --- Humanities and Fine Arts (IAI H)	3.0	HED-200 Principles of Health	3.0
SEMESTER TOTALS	16.0	PSY-277 Social Psychology	3.0
Second		SEMESTER TOTALS	
Semester			18.0
ENG-121 Composition II *	3.0	Second	
SOC-282 Social Problems	3.0	Semester	
--- --- Physical and Life Sciences (IAI P or IAI L)	3.0	SOC-286 Racial and Ethnic Groups	3.0
--- --- Humanities and Fine Arts (IAI F)	3.0	--- --- Electives	9.0
PSY-271 Intr/Psychology	3.0	SOS-283 Introduction Research Methods *	3.0
SEMESTER TOTALS	15.0	SEMESTER TOTALS	15.0
		TOTAL PROGRAM HOURS	
		64.0	
SUGGESTED ELECTIVES			
		ANT-200 General Anthropology	3.0
		SOC-290 Sociology of Family	3.0
		HSP-120 Introduction to Social Work	3.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Charles Jarrell
Faculty Email: cjarrell@lakelandcollege.edu
Faculty Phone: 217-234-5331



MATH PATHWAY

SPECIAL EDUCATION

(AA.SPED) ASSOCIATE IN ARTS

This program is designed for students planning to pursue a special education teaching career as a Learning Behavior Specialist I, Deaf and Hard of Hearing, Low Vision and Blindness and Early Childhood Special Education.

This program follows Math Pathway #2. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR		SECOND YEAR	
First Semester		First Semester	
ENG-120 Composition I *	3.0	PSY-271 Intr/Psychology	3.0
HIS-155 History of the U.S. I or		PSY-274 Child Development	3.0
HIS-156 History of the U.S. II	3.0	SPE-111 Intro to Speech Communication	3.0
BIO-100 Bio Science I	4.0	HIS-153 History/Culture of Third World	3.0
MAT-118 Math for Elem Teachers I	3.0	--- --- Elective	3.0
EDU-100 Introduction to Education ^^	3.0	SEMESTER TOTALS	15.0
SEMESTER TOTALS	16.0		
Second Semester		Second Semester	
ENG-121 Composition II *	3.0	EDU-210 Diversity/Schools & Societies	3.0
EDU-190 Introduction/Special Education	3.0	EDU-103 Teaching/Learning W/Technology	3.0
PHY-110 Concepts of Physics or		--- --- Humanities and Fine Arts (IAI F)	3.0
CHM-111 Concepts of Chemistry	4.0	MUS-229 Understanding Music or	
MAT-218 Math for Elem Teachers II *	3.0	ART-250 Understanding Art	3.0
--- --- Elective	3.0	POS-160 American National Government	3.0
SEMESTER TOTALS	16.0	--- --- Elective	2.0
		SEMESTER TOTALS	17.0
		TOTAL PROGRAM HOURS	64.0

This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

^^ Course requires a 30-hour practicum experience in addition to classroom lecture hours

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Kimberly Davis
Faculty Email: kdavis9876@lakelandcollege.edu
Faculty Phone: 217-234-5471



MATH PATHWAY

UNDECIDED

(AA.UND) ASSOCIATE IN ARTS

The sequence below is for students seeking an associate degree to prepare for transfer to a four-year college or university, but have not yet decided on an eventual career path. The intent of this exploratory curriculum is to allow students to actively investigate their educational interests. By utilizing college resources and following guidance from an Academic Advisor, students should be able to change their major from Undecided to a chosen degree program by the end of the first semester of their second year. Students interested in a workforce ready program should not follow this curriculum; they should contact Counseling Services for guidance on workforce ready curricula.

Other suggestions for Undecided students include:

- Contact their Academic Advisor early and often to begin discussing options at Lake Land College.
- Utilize Career Cruising, a skills inventory available through Career Services that can help students clarify career objectives and interests.
- Engage in Career Counseling appointments, available through Counseling Services, to further explore potential career pathways.
- Learn more about the job market and employment trends in specific career areas through speaking with college faculty who coordinate individual programs.

This program follows Math Pathway #1. Math requirements for a specific major may vary from one institution to another. Please consult with an academic counselor or academic advisor to confirm the pathway that is applicable to your major and transfer institution.

FIRST YEAR			SECOND YEAR		
First Semester			First Semester		
	Hours			Hours	
ENG-120	3.0	Composition I *	SPE-111	3.0	Intro to Speech Communication
SFS-101	2.0	Strategies for Success	---	4.0	Physical and Life Sciences (IAI P or IAI L)
---	3.0	Physical and Life Sciences (IAI P or IAI L)	---	3.0	Humanities/Fine Arts (IAI F)
---	3.0	Social/Behavioral Science (IAI S)	---	3.0	Social/Behavioral Science (IAI S)
---	6.0	Suggested Electives	---	3.0	Suggested Electives
	17.0	SEMESTER TOTALS		16.0	SEMESTER TOTALS
Second Semester			Second Semester		
ENG-121	3.0	Composition II *	---	3.0	Social/Behavioral Science (IAI S)
---	3.0	Math (IAI M) *	---	3.0	Humanities/Fine Art (IAI H or IAI F)
---	3.0	Humanities/Fine Arts (IAI H)	---	10.0	Suggested Electives
---	6.0	Suggested Electives		16.0	SEMESTER TOTALS
	15.0	SEMESTER TOTALS		64.0	TOTAL PROGRAM HOURS
SUGGESTED ELECTIVES					
AGR-206	4.0	Intro/Animal Science			
BUS-142	3.0	Introduction to Business			
CJS-150	3.0	Intro/Criminal Just			
EDU-100	3.0	Introduction to Education			
EDU-190	3.0	Introduction/Special Education			
ESC-106	4.0	Intro Geographic Info Systems			
HRT-201	3.0	Introduction to Horticulture			
HSP-120	3.0	Introduction to Social Work			
RTV-150	3.0	Introduction to Broadcasting			

Suggested Electives: Students are encouraged to take any introductory course in any major or discipline that interests them as a way to learn more about specific degrees. Suggested elective courses will count toward Lake Land College graduation, even if a student ultimately decides on a transfer degree for which the course is not required. Transferability of courses will vary depending on the four-year college or university that the student chooses. This is a sample list of major requirements. University requirements vary by institution. Consult a counselor or academic advisor before registering. Specific graduation requirements are identified through degree audit. Additional courses in reading, English and mathematics may be required based on placement scores.

* There are prerequisites, course requisites, or minimum placement test scores for this course.

Call Counseling Services: 217-234-5232
Email: counsel@lakelandcollege.edu

Faculty Contact: Jennifer Melton
Faculty Email: jmelton52502@lakelandcollege.edu
Faculty Phone: 217-234-5251





IN THIS CHAPTER:

- ◆ ENROLLMENT REQUIREMENTS
- ◆ HOW TO ENROLL & REGISTER
- ◆ INTERNATIONAL STUDENTS

ADMISSIONS

ADMISSION POLICY

Lake Land College maintains an open-door admission policy that provides access to higher education for those individuals who can benefit from its comprehensive programs. Admission to the college does not ensure entrance into a particular course or program of study since applicants may have to meet specific requirements for entrance into certain programs. Preference must be given to qualified in-district students and those students from qualified regional programs.

Lake Land College admits students in the following categories:

1. High school graduate.
2. Recipient of a GED Certificate.
3. Transfer student from an accredited college.
4. Non-high school graduate 18 years of age or older.
5. Student whose connection with a secondary school is severed. Any student who is 16 years of age or over and has severed connections with a secondary school, as certified in writing by the chief executive officer of the secondary school in which the student has legal residence.
6. Student currently enrolled in a secondary school program may be

accepted into a college course(s). If such courses are offered during the regular school day established by the secondary school or are offered for secondary school credit, prior approval of the chief executive officer of the secondary school district must be received.

7. A gifted student less than 16 years of age may enroll in course work at Lake Land College. A gifted student is defined as a student who is judged to possess exceptionally high academic ability by both the secondary school in which the student is enrolled and the college. A student must meet the following requirements to enroll as a Lake Land College gifted student:
 - a. Be in the upper 10% of his/her class, as certified by school officials.
 - b. Have a 3.75 grade point average (based on a 4.00 scale) for prior semester or term.
 - c. Have joint approval of the President of Lake Land College and the chief executive officer of the school on the Gifted Student Admissions form. Lake Land College reserves the right to request testing of prospective gifted students.
8. Student in a program for a special group.

ENROLLMENT REQUIREMENTS

DEGREE-SEEKING STUDENTS

Degree-seeking students are those students who are seeking a Lake Land College degree or certificate of 24 or more credit hours.

NON-DEGREE STUDENTS

Non-degree students are those students who wish to enroll in courses at Lake Land College but are not pursuing a degree or certificate of 24 or more credit hours.

PLACEMENT TESTING, TEST SCORES AND PREREQUISITES

Students seeking a degree or certificate, or non-degree seeking students planning to enroll in an ENG or MAT course, are required to complete placement testing or provide ACT or SAT scores. ACT or SAT scores may be submitted electronically from act.org or sat.org to be used instead of placement test scores. Students who submit ACT or SAT scores may also take the placement test, if they choose.

Students may retest in each area of the placement test one time for a minimal fee. Highest scores and program requirements determine placement in reading, English and/or math courses.

Students may submit official COMPASS or ACCUPLACER score reports from other colleges to the Tutoring and Testing Center. Scores will be entered into the student's record and applied to the Lake Land College placement requirements. (Note: Lake Land College does not accept the other college's placement recommendations.)

If four or more years have passed since a student's last retest, the student may choose to complete one additional retest in each subject area. A minimal fee is charged for each retest.

Students with a disability may make special arrangements for placement testing by contacting the Coordinator of Student Accommodations.

Non-degree students are exempt from completing the Lake Land College placement test or submitting their ACT or SAT scores unless the student is changing from non-degree to degree status or wishes to enroll in an English or math course in which he/she has not met the prerequisite. Students who have taken the ACT or SAT may choose to use their scores instead of taking the placement test.

Prerequisite checking is conducted at the time of registration for all RDG, ENG and MAT courses. Students will not be allowed to register for RDG, ENG and MAT courses for which they have not met the prerequisite. Students wishing to register for these courses must have the appropriate placement, ACT or SAT score, be currently enrolled in the prerequisite course, or have a waiver on file verifying successful completion of the prerequisite course. The Lake Land College placement test is the same test that is given to all new degree-seeking students at the time of their initial admission to the college. All students are required to register for reading, English and math courses according to the results of the test and program requirements.

Some English and math courses have additional prerequisites that must be met in addition to the required placement score. These prerequisites are listed in the Course Descriptions in the college catalog and on the Lake Land College website.

Students who have not successfully completed high school or college geometry, or who do not have a transcript on file documenting completion of the course, will be required to enroll in a college geometry course before enrolling in a MAT 100 or higher course.

NOTE FOR ALL STUDENTS: It is the student's responsibility to register properly each semester and to satisfy all graduation requirements. This includes meeting course prerequisites for registration. Students who register for a course without meeting the prerequisite may be removed from the course.

NOTE FOR STUDENTS TRANSFERRING TO LAKE LAND FROM ANOTHER COLLEGE: Transfer students who wish to enroll in advanced courses must present a college transcript documenting successful completion of prerequisite courses.

EXEMPTIONS/WAIVERS FOR TRANSFER CREDIT

Students who present a transcript to Admissions & Records, Counseling Services or an ENG or MAT Division Chair verifying completion of 30 semester hours of college coursework in good standing will receive a RDG 050 waiver and are not required to complete the reading placement test. Students who have earned less than 30 semester hours of college course work or were not in good standing must have the appropriate placement test or a transcript verifying successful completion of the required RDG courses. Students who have completed some of the required RDG courses may be placed accordingly.

Students wishing to register for an ENG or MAT course must have the appropriate placement test score or a transcript verifying successful completion of the prerequisite course. There is no 30 semester hour exemption for ENG or MAT courses. Students may present their transcript to Admissions & Records, Counseling Services or the ENG or MAT division chairs to request appropriate placement.

While an official transcript is not required for placement purposes, in order to receive Lake Land College credit for any courses completed at another college, students must send an official transcript and a transcript evaluation request to Admissions and Records.

1. Associate in Applied Science Degree and/or Certificate Programs. Students must meet Lake Land College's admission requirements. Certain programs have special admission entrance requirements which must be met prior to being accepted into the program. Refer to the special program for admission requirements.

2. Associate in Liberal Studies. Students must meet Lake Land College's admission requirements.
3. Associate in Arts, Associate in Science and Associate in Engineering Science.

Students must meet Lake Land College's admission requirements and have at least 15 units of high school course work from the following five categories:

- a. Four (4) years of English (emphasizing written and oral communications and literature);
- b. Three (3) years of social studies (emphasizing history and government);
- c. Three (3) years of mathematics (introductory through advanced algebra, geometry, trigonometry or fundamentals of computer programming);
- d. Three (3) years of science (laboratory sciences); and
- e. Two (2) years of electives in foreign languages, music, vocational education or art.

If at the time of admission, it has not been determined from the applicant's final high school transcript that the high school course pattern has been satisfied, the student will be provisionally admitted. The student will remain on provisional status until the high school pattern has been verified or deficiencies have been made up through appropriate course work.

ADMISSIONS & RECORDS HOURS

Admissions & Records is open from 8 a.m. to 5 p.m., Monday – Friday during the academic year and Monday through Thursday during the summer. Additional evening hours are provided by appointment and during specific registration periods. The office is located in the Student Services wing of the Luther Student Center. Hours are subject to change. Students can also contact Admissions & Records online at lakelandcollege.edu.

Admissions & Records' mission is to provide an array of quality services to students (potential, current and past) of all ages from matriculation to graduation. In providing these services staff will be sensitive to the needs of each student.

HIGH SCHOOL STUDENTS

Students who are currently enrolled in high school and are at least 16 years of age may attend Lake Land College. Students who enroll in courses offered during the regular school day or those offered for high school credit, must receive prior approval of the chief executive officer of their high school. An additional application form is required of all high school students seeking admission to the college.

Students who are less than 16 years of age and are considered "gifted" by both their secondary school and Lake Land College, may attend Lake Land College. In addition to the regular application, a gifted application must be submitted.

Students who are 16 years of age or older and have severed their connections with a school system, as certified in writing by the chief executive officer of the high school district in which they have legal residence, will be eligible to attend Lake Land College. In addition to the usual admission materials, an additional application form will be required.

TRANSCRIPTS

Transcripts of a student's complete academic record may be obtained through Admissions & Records or the Internet Registration and Information System (IRIS) in the Laker Hub at lakelandcollege.edu. All requests must contain the complete mailing address of the individual or institution to which the transcript should be sent.

The college reserves the right to withhold transcripts of persons who have unpaid financial obligations to the institution.

TRANSCRIPT EVALUATION

An official evaluation of transcripts from Lake Land College or other regionally accredited colleges and universities is available to students by filing a transcript evaluation form at Admissions & Records. The form is also available online at lakelandcollege.edu. Student copies will not be evaluated. If an informal evaluation is done, the student assumes responsibility for course selection.

RESIDENCY

Students will be classified by residency according to the following provisions:

STATE RESIDENT

1. To be classified as a resident of the state, one must have occupied a dwelling within the state of Illinois for thirty (30) days immediately prior to the date established for classes to begin. Students who fail to meet the 30-day state residency requirement may not meet the requirement by attending classes at Lake Land College.
2. The following categories of people shall be classified as residents of Illinois without meeting the 30-day residency requirement:
 - a. Federal job corps workers stationed in Illinois.
 - b. Members of the armed forces stationed in Illinois.
 - c. Inmates of state correctional/rehabilitation institutions located in Illinois.
 - d. Students who are employed full-time in Illinois.

DISTRICT RESIDENT

To be classified as a resident of District 517, one must have occupied a dwelling in the community college district for 30 days immediately prior to the date established to begin classes at Lake Land College. Students who fail to meet the 30-day district residency requirement may not meet that requirement by attending classes at the college for 30 days or more.

OUT-OF-DISTRICT RESIDENT

The following categories of people shall not be classified as residents of the district:

1. Federal job corps workers stationed in the district.
2. Members of the armed forces stationed in the district.
3. Inmates of state or federal correctional/rehabilitational institutions located in the district.
4. Full-time students attending a post-secondary educational institution who have not demonstrated through documentation a verifiable interest in establishing permanent residency.
5. Students who occupy a residence outside the district but who are employed by a firm located in the district.

6. Students attending the community college under the provisions of a chargeback or cooperative agreement with other community college districts.
7. Students on an F-1 visa.

OTHER PROVISIONS

1. Persons who reside in the college district whose primary intent in obtaining such residence is not to attend the college shall be exempted from the 30-day state and/or district residency requirement if they demonstrate through documentation a verifiable interest in establishing a permanent residency.
2. Students who fail to meet the 30-day state and/or district residency requirement may meet that requirement upon presentation of a voter's registration card verifying in-district residency.
3. Any approved change in residency status is not retroactive to previous semesters or terms.
4. Documentation verifying state and district residency may include signed statements on the application as well as other requested documents.

RESIDENCY FOR SPECIAL GROUPS OF STUDENTS

The following groups of people are considered as in-district residents for tuition charges only:

1. Students enrolled in courses taught at business and industry locations in the district.
2. Full-time students enrolled at Eastern Illinois University, except students on an F-1 visa, who will be classified as out-of-state.
3. International students on a F-1 visa who are sponsored by a resident of the Lake Land College district or who have attended a minimum of one semester at an in-district high school.

RESIDENCY FOR SELECT INDIANA STUDENTS

Students who are legal residents of the Indiana counties of Vigo, Clay and parts of Parke and Vermillion south of U.S. Route 36, including high school districts that are either adjacent to or include Route 36 in their district boundaries, are eligible for a special tuition rate.

Any approved change in residence status is not retroactive to previous semesters or terms.

DISTRICT RESIDENTS

The following school districts are included in the Lake Land College district:

Altamont	Newton
Arthur	(Grove District)
Lovington	North Clay
Atwood	(Northern Part)
Hammond	Oakland
Beecher City	Okaw Valley
Brownstown	Pana
Casey–Westfield	Paris
Charleston	Ramsey
Cowden–Herrick	Shelbyville
Cumberland	Shiloh
Dietrich	South Central
Effingham	(parts of)
Kansas	St. Elmo
Lovington	Stewardson–
Marshall	Strasburg
Martinsville	Sullivan
Mattoon	Teutopolis
Neoga	Windsor

INTERNATIONAL STUDENTS

Lake Land College, in accordance with regulations of the U.S. Citizenship and Immigration Services, will admit citizens from other countries who meet the following admission requirements. International students are accepted on the basis of available space in the various educational programs. Consideration is also given to selecting a diversified international student population. All documents should be written in English or accompanied by an official English translation. International student information is also available online at the college homepage at lakelandcollege.edu/international.

ADMISSION OF INTERNATIONAL STUDENTS

The admission of international students will be determined based upon the following criteria:

1. Completion of an International Student Application for Admission.
2. Submission of official transcripts showing completion of the equivalent of a high school (secondary) education.

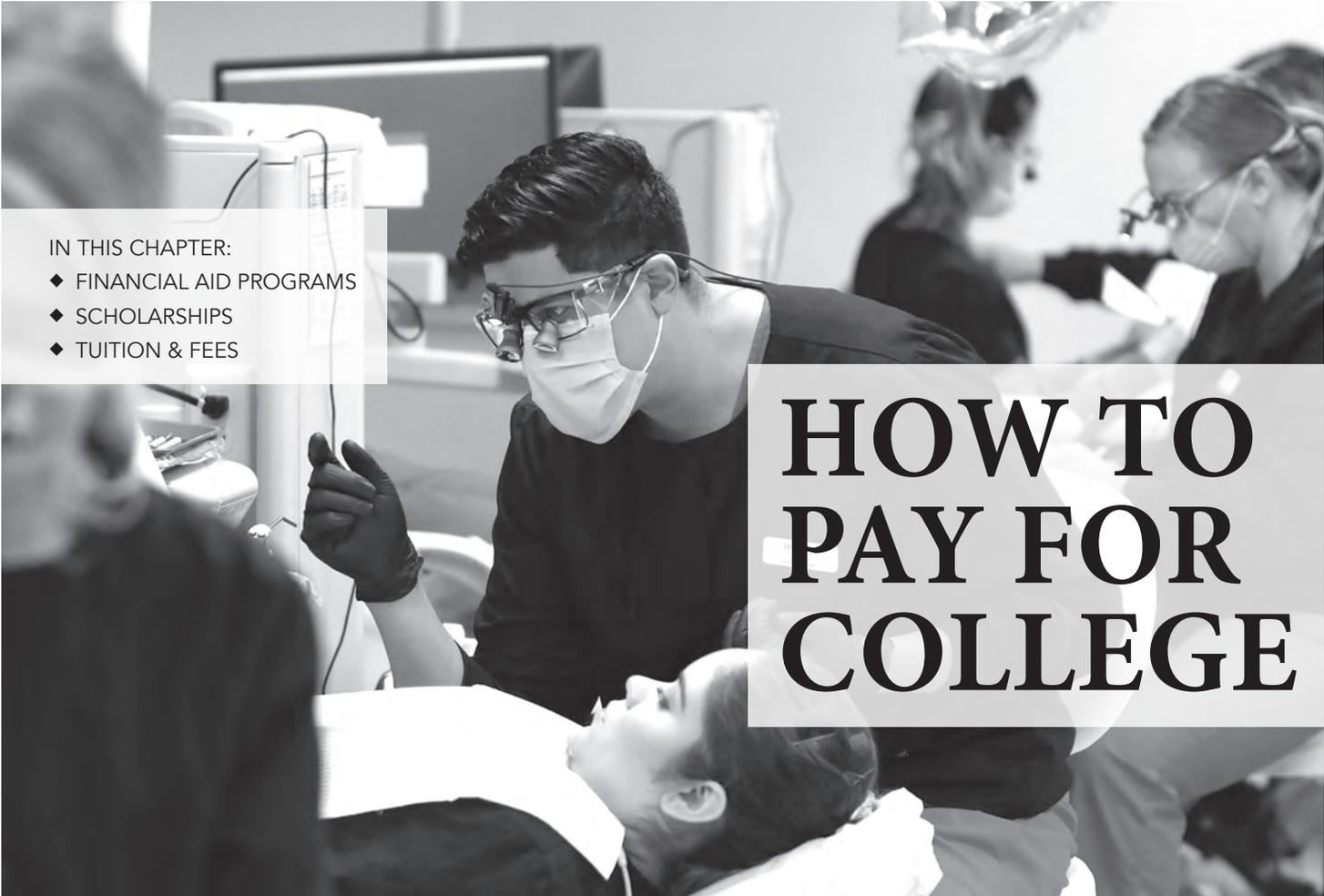
3. Submission of official transcripts from any previous colleges or universities attended, including training in English as a Second Language. If student plans to transfer credit from a college or university outside of the United States, student must provide an evaluation completed by one of Lake Land College approved credential evaluation services.
4. Submission of a completed International Student Financial Affidavit and corresponding official bank statements or documentation supporting the ability to cover all expenses for an academic year. Tuition is charged at the out-of-state rates for international students, except students who are sponsored by a resident of the Lake Land College district or who have attended a minimum of one semester at an in-district high school, who will be charged tuition at the in-district rate.
5. Submission of proof of health insurance coverage. Students who do not provide proof of health insurance must immediately purchase a policy and submit documentation to the Director of International Studies Program.
6. Students who have satisfied the English Proficiency requirement will be allowed to enroll in regular academic courses without any support from the Intensive English Language Program. Students who have not met the English proficiency requirement will be required to enroll in the Intensive English Language Program until they are adequately prepared for regular academic courses. Assignment to the appropriate level will be based on Lake Land College placement testing prior to registration.
7. Completion of the Lake Land College placement test consisting of math, reading, and English or submission of ACT or SAT scores. This placement test will be deferred for students enrolled in the Intensive English Language Program.
8. Enrollment as a full-time student.
9. Students who already possess an F-1 visa and wish to transfer to Lake Land College must submit copies of current I-20 and F-1 visa.

Enrollment in the 8-week summer IELP session does not allow advancement to the next level or to regular college classes. Summer students are required to continue in IELP through the subsequent fall semester at the least.

INTENSIVE ENGLISH LANGUAGE PROGRAM (IELP)

The Intensive English Language Program (IELP) is designed to assist non-native speakers of English. The program provides beginning, intermediate and advanced instruction in reading, writing, and speaking. Students in the beginning and intermediate levels will be enrolled full-time in the program. Advanced level students may be co-enrolled in one regular college course with the approval of the counselor for international students.

Enrollment in the IELP is mandatory for students who have not taken the TOEFL test or who have scored less than 61 on the enhanced computer-based test. Prior to enrollment, IELP students will take the Michigan English Placement Test (MEPT) to be placed at the appropriate level. Once admitted to the program, students must attain grades of "C" or better in all IELP courses and reach the appropriate score on the post-test using the MEPT. Enrollment in the eight-week summer IELP session does not allow advancement to the next level or to regular college classes. Summer students are required to continue in IELP through the subsequent fall semester at the least.



IN THIS CHAPTER:

- ◆ FINANCIAL AID PROGRAMS
- ◆ SCHOLARSHIPS
- ◆ TUITION & FEES

HOW TO PAY FOR COLLEGE

PAYING FOR COLLEGE

There are several options for paying for college. Lake Land College recommends all students complete the FAFSA or Free Application for Federal Student Aid. Even students who do not believe they will qualify for financial aid should complete it because it is one of the steps required to receive a student loan and is strongly encouraged by the Lake Land College Foundation to be considered for a scholarship. Once students have submitted the FAFSA, Financial Aid will follow up with them regarding next steps.

TYPES OF ASSISTANCE:

1. Federal and state grants
2. Student loans
3. Federal Work Study
4. Lake Land College Foundation scholarships
5. Third-party scholarships

THOSE WHO DO NOT QUALIFY FOR STATE OR FEDERAL FINANCIAL GRANTS HAVE THREE OPTIONS:

1. **Pay the bill in full by the due date.** Payment can be made via mail, online in the Laker Hub, or in person at Accounting.
2. **Sign up for the Nelnet tuition payment plan.**
3. **Request a student loan.** Visit lakelandcollege.edu/financialaid and click on "Student Loans" for information about the Federal Direct Loan Program, eligibility requirements, and the three steps required to request a student loan at Lake Land College.

NET PRICE CALCULATOR

The Net Price Calculator tool provides a broad estimate of how much students likely will have to pay out-of-pocket to enroll full-time at Lake Land College, after considering any grant or scholarship assistance they may be eligible to receive based on standardized inputs. It takes the student's cost of attendance (both direct and indirect costs) and subtracts the possible aid to provide a "bottom-line" dollar amount. The calculator is available on the Financial Aid page of the college website. Be sure to read through the caveats and disclaimers at the end.

TUITION AND FEES

Tuition for credit courses is based on your legal place of residence and charged on a per semester credit hour rate. After registering for courses, students will be able to view their bill online through the Laker Hub. Students who do not pay the total amount due by the due date will have a block placed on their file prohibiting them from receiving transcripts, making schedule changes or registering for future semesters.

The college publishes the current tuition and fees rates on the website.

COURSE FEES

Some courses require payment of a course fee. Course fee levels range from \$25 and higher and are listed in the Course Description section of this catalog.

STUDENT ACTIVITY FEE

Students enrolling in on campus and Kluthe Center for Higher Education and Technology courses will be assessed a fee for each semester hour. No activity fee is charged for students enrolled in non-credit continuing education courses, other off campus courses and administratively determined contractual courses. The Student Life section of the catalog explains uses of this fee.

SERVICE FEE

All students enrolled in college credit courses are required to pay a per semester hour service fee. This service fee is comprised of fees for library technology services, registration/program change services, health services, textbook rental services, funding major maintenance projects, extension center services, publication services and computer network/Internet services.

TEXTBOOK RENTAL

Lake Land College is among the few colleges and universities across the United States that have a rental system for books and course materials. It is estimated that full-time Lake Land students may save up to \$1,400 per year using the rental system versus purchasing their books. Course materials may be purchased at the request of the student. Refer to the textbook section of this catalog for more details.

INTERNET COURSES

Students enrolling in an Internet course must pick up textbooks through the Textbook Rental Service, located in the Lake Land College Bookstore on the main campus. Students unable to pick up and return their textbooks on campus should make arrangements to purchase textbooks through the Bookstore (phone 217-234-5420). Textbooks may also be purchased from other sources. Certain Internet courses may require students to purchase all textbooks. Students can print their textbook list from the Laker Hub.

SENIOR CITIZENS

District 517 residents age 65 or over who have enrolled in a class for credit will have their tuition costs waived, at the current tuition rate, for each credit hour enrolled through the college; however, senior citizens will be responsible for the payment of applicable fees.

TUITION FOR INDIANA RESIDENTS

The Lake Land College Board of Trustees provides a special tuition rate for Indiana residents of the counties of Vigo, Clay, and parts of Parke and Vermilion. Contact Admissions & Records for more information.

TUITION CLASSIFICATION

Any change of tuition classification for students currently enrolled shall be determined by the Dean of Admission Services. Persons responsible for making tuition classification determinations are authorized to require such certificates, affidavits, documents, or other evidence as they deem necessary. In all cases, the burden of proof shall be upon the student making a claim to resident student status.

A student who provides false information or refuses or conceals information for the purpose of achieving resident status, or who fails to notify the Dean of Admission Services of a change of facts which might effect reclassification from resident to non-resident status, shall be required to pay retroactively any tuition fees which would normally have been charged and shall be subject to appropriate disciplinary action, including, but not necessarily limited to, dismissal from the college.

CHANGES FROM NON-RESIDENT TO RESIDENT STATUS

It is the responsibility of the student to apply to the Dean of Admission Services for reclassification to resident status if the student believes that changes in facts justify such a reclassification. The college will not assume responsibility for initiating such an inquiry independently. The student may submit such an application in writing on a form approved by the Dean of Admission Services at any time after the appropriate domiciliary requirements have been met, but no later than 30 days after the day on which classes begin for the session for which reclassification is requested.

CHANGES FROM RESIDENT TO NON-RESIDENT STATUS

If a student is classified as a resident, either the student or the college may initiate a reclassification inquiry, based on changes in facts which would justify such an inquiry. An unemancipated resident student whose parents or legal guardian leave the district and establish domicile outside the district shall be reclassified to non-resident status, effective with the beginning of the next academic session following said change.

TUITION PAYMENTS

Students may pay tuition and fees by cash, check, or bank card at Accounting in the Luther Student Center or online. Bills will be posted to students' accounts and can be viewed online in the Laker Hub. Students can also grant access to a third party to pay their bill through the Parent Portal. The college accepts Visa, MasterCard and Discover. A 2.5% convenience fee will apply.

NELNET PAYMENT PLAN

Lake Land College offers the Nelnet payment plan that allows students to spread their tuition payments out over the semester as opposed to paying their bill in full. Normally, students are required to pay tuition in full by mid-term. If they do not, they are unable to register for classes the next semester or obtain transcripts and have to pay 1.5 percent interest on the balance due.

The Nelnet payment plan has a \$25 application fee and is available in the Laker Hub for current students. For more information regarding the Nelnet payment plan or how to sign up call 217-234-5375 or mbailey1292@lakelandcollege.edu.

REFUNDS – INCLUDING FINANCIAL AID

Refund checks will be issued after the fourth week of class and mailed to the student's address on file or through an electronic refund. These checks will be for overpayments resulting from dropped or canceled classes and any financial aid that can be disbursed directly to the student. After this initial disbursement, the accounting office will issue refunds biweekly.

Tuition and fee charges will be reduced and any overpayments will be refunded 100 percent under the following conditions:

- ◆ Class is cancelled by a college official.
- ◆ Classes meeting 12 weeks or longer – Students have through the first 10 instructional days of the semester
- ◆ Classes meeting 8-11 weeks – Students have through the first 5 instructional days of the semester/module
- ◆ Classes meeting 3-7 weeks – Students have through the first instructional day of the course
- ◆ Classes meeting less than 3 weeks – Students must drop prior to the first instructional day of the course
- * Non-standard courses offered by IDOT QC/QA, the Center for Business and Industry and Community and Professional Programs require five (5) college business days' notice in advance of the first class meeting to receive 100% refund.

DATES TO DROP A CLASS AND AVOID CHARGES

1. *The first 10 instructional days (5 instructional days for summer term) for semester-long classes in:*
Academic Year 2018 – 2019
 Fall 2018: August 20 to August 31
 Spring 2019: January 7 to January 18
 Summer 2019: June 3 to June 10
Academic Year 2019 – 2020
 Fall 2019: August 19 to August 30
 Spring 2020: January 13 to January 27
 Summer 2020: June 8 to June 15

2. *The first five instructional days for Module 1 classes in:*
Academic Year 2018 – 2019
 Fall 2018: August 20 to August 24
 Spring 2019: January 7 to January 11
Academic Year 2019 – 2020
 Fall 2019: August 19 to August 23
 Spring 2020: January 13 to January 17
3. *The first five instructional days for Module 2 classes in:*
Academic Year 2018 – 2019
 Fall 2018: October 15 to October 19
 Spring 2019: March 11 to March 15
Academic Year 2019 – 2020
 Fall 2019: October 14 to October 18
 Spring 2020: March 16 to March 20
4. *For classes meeting less than a module in length, see college schedule of classes for listing of first official meeting.*

No refund/repayment will be authorized for withdrawals or changes made after the respective drop period.

Additionally, no refund/repayment will be issued if:

1. A student is withdrawn by the college for disciplinary reasons.
2. A student is withdrawn by the college for non-attendance.
3. A student has financial obligations to the college.

Financial aid recipients should review the refund/repayment policy in the Student Financial Assistance section of the catalog.

ELECTRONIC REFUNDS

Refunds will be issued after the fourth week of class directly to the student. This can be done through paper checks sent to the student's address on record or through an ACH into the student's banking account of choice. Please contact the accounting office at 217-234-5214 for further information on ACHs.

STUDENT FINANCIAL ASSISTANCE

FINANCIAL AID AND VETERAN SERVICES OFFICE LOCATION AND HOURS

Lake Land College Financial Aid and Veteran Services is located in Webb Hall, room 030. Office hours are 8 a.m. to 5 p.m. Monday through Friday. (Summer office hours vary.) Additional hours are provided by appointment and during specific registration periods.

MISSION STATEMENT

The mission of Lake Land College Financial Aid and Veteran Services is to assist students and their families in actively seeking college financial resources in the form of federal and state grants, work study, loans and and scholarships. This will be accomplished in a friendly, caring and helpful manner. Students and families will know that they have been served within regulatory guidelines and in the best manner possible.

TITLE IV FINANCIAL AID PROGRAMS

Through the Higher Education Act of 1965 (HEA) as amended, Congress established the basic regulatory framework which governs the administration of federal financial aid programs nationwide. The HEA is often referred to as Title IV. The programs included under Title IV and administered at Lake Land College include: the Federal Pell Grant Program (FPELL), the Federal College Work-Study Program (FCWSP), the Federal Supplemental Educational Opportunity Grant Program (FSEOG), the Federal Direct Loan Program (DL) and the Federal Parental Loan for Undergraduate Students (DPLUS). Also included in the financial aid programs administered by Lake Land College is the Illinois Monetary Award Program (MAP).

VERIFICATION

Verification is the process by which documentation is used to determine the accuracy of the information that a student has provided when applying for financial aid. Financial Aid verifies data on all applications selected for verification by the U.S. Department of Education. An applicant cannot receive financial aid until the requested documentation is submitted and verification is completed. Applicants are urged to apply accurately to avoid delays in receiving financial aid.

DETERMINING FINANCIAL AID ELIGIBILITY

Lake Land College administers comprehensive financial aid programs which include scholarships, grants, loans, and federal work-study employment. We believe persons should not be denied access to college due to financial circumstances. Students and their families are assisted by financial aid programs that help

cover school expenses, including tuition and fees, room and board, books, supplies and transportation costs. Information concerning financial aid eligibility and application assistance may be obtained from Lake Land College Financial Aid and Veteran Services.

To be eligible for Title IV financial aid programs at Lake Land College a student must:

1. Have a high school diploma, GED or certificate of completion from a home-school program.
2. Be accepted and enrolled in a Title IV eligible degree or certificate program at Lake Land College. Certificate programs of less than 16 credit hours are not eligible;
3. Be in attendance at Lake Land College for the purpose of obtaining an associate degree or eligible certificate;
4. Complete the Free Application for Federal Student Aid (FAFSA) online at fafsa.gov.
5. Forward to the Financial Aid Office all requested documents required to complete verification.
6. If you are a dependent student, complete the financial aid application forms with your parents. Both the student and the parents are expected to understand the forms and accept responsibility for the information reported on them;
7. Sign a statement of Educational Purpose and Selective Service Registration Status. This is part of the FAFSA application and Federal Pell Grant awarding process;
8. Maintain Satisfactory Progress as established for financial aid applicants/recipients, and;
9. Demonstrate financial need.

To determine the financial need factor, a Lake Land applicant completes the Free Application for Federal Student Aid (FAFSA). Financial need is considered to be the difference between one academic year's educational expenses (tuition, books, fees, room and board, personal and transportation) and the student's resources (expected family contribution) for the same period. All students and their families are encouraged to apply early for financial aid and with accuracy.

SUMMER TERM FINANCIAL AID

New students applying before June 30 and continuing students who did not attend at a full time status during the previous two semesters may be eligible for a Federal Pell Grant and/or student loan.

The Illinois Monetary Award Program is not available for any summer term. A limited number of "campus based awards" (FCWSP and FSEOG) may be available. Contact Financial Aid during the spring semester for a Financial Aid Summer Request Form to be considered for a summer term.

NOTE: Summer is the last term in an award year.

MAJOR FINANCIAL AID PROGRAMS

ILLINOIS MONETARY AWARD PROGRAM (MAP)

Under authority granted by the Illinois General Assembly, ISAC administers a program of monetary awards for students in the state of Illinois who attend one of the ISAC-approved colleges, universities, or hospital schools of nursing in Illinois.

To be eligible for a monetary award the applicant must:

- a. Be a U.S. citizen or eligible noncitizen.
- b. Be a resident of the state of Illinois.
- c. Be enrolled in a minimum of 3 hours per term.
- d. Comply with federal selective service registration requirements.
- e. Be an undergraduate student who has not received a baccalaureate degree.
- f. Demonstrate financial need as determined by ISAC from income/asset data supplied on the Free Application for Federal Student Aid.
- g. Maintain satisfactory academic progress according to the standards of the institution.
- h. Not be in default on any student loan nor owe a refund or repayment on any state or federal grant or scholarship.
- i. Not be incarcerated.
- j. Not have exceeded the maximum 75 MAP paid credit hours at the freshman or sophomore level.

The awards range from \$300 per academic year to a maximum of \$4,968 (as currently established by the General Assembly) but cannot exceed the amount of tuition and mandatory fees paid by all students at an institution.

FEDERAL PELL GRANT (FPELL)

The Federal Pell Grant is considered to be the foundation of all Title IV financial assistance programs. Pell is a need-based grant which is generally not repayable. The exact dollar award is determined by the student's course load and the Expected Family Contribution (EFC) number as calculated by the federal government.

FEDERAL COLLEGE WORK-STUDY PROGRAM (FCWSP)

Federal Work-Study is a campus based program awarded through the Financial Aid Office in the form of part-time employment. Students who participate in FCWSP generally work from 10 to 20 hours per week. Eligibility for FCWSP is based on financial need. Federal work-study positions are limited in number.

FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT (FSEOG)

Federal Supplemental Educational Opportunity Grant is a campus based program that is designed to provide federal grant money to students with the greatest financial need. FSEOG awards are awarded to students with a zero expected family contribution who apply before May 1 of the award year.

FEDERAL DIRECT LOAN PROGRAM

FEDERAL STAFFORD LOAN – SUBSIDIZED (DSSL)

Regular students enrolled at least half-time may apply for this need-based loan. Repayment of this loan begins six months after the student graduates or falls below half-time enrollment. Deferral provisions do exist for the Stafford loan. Interest on the loan is paid by the federal government while you are in school. Initial processing for the loan at Lake Land College begins when applying for financial aid. All Federal Stafford Loan applicants must have their files processed by the Financial Aid Office prior to requesting a student loan.

FEDERAL STAFFORD LOAN – UNSUBSIDIZED (DUSL)

This Federal Stafford Loan program is designed for students who are not eligible or only partially eligible for the subsidized student loan. Subsidized loan eligibility must be determined prior to calculating the unsubsidized loan eligibility. This is not a need-based loan. The applicant is responsible for paying the interest on this type of loan from the date of disbursement.

FEDERAL PARENTAL LOAN FOR UNDERGRADUATE STUDENTS (DPLUS)

Federal PLUS loans are available to parents of dependent students who are enrolled at least half-time. Parents may borrow annually up to the calculated difference between the cost of education less the student's financial aid. Repayment begins on date of disbursement at a fixed interest rate.

HOW TO RENEW FINANCIAL AID FOR NEXT YEAR

Financial assistance administered by the Financial Aid Office is awarded on a year to year basis. To be considered for Title IV assistance for the next academic year, all current recipients must reapply. Adjustments in your eligibility will be made annually to reflect changes in the federal and state eligibility formulas, the financial situation of you and/or your family, the cost of attending college and the amount and type of resources available. The FAFSA for the next award year will be available on October 1. As you plan to reapply, remember that financial aid awards are made at Lake Land College on a first-come, first-serve basis. Therefore, timeliness and accuracy of application are very important.

HOW TO KEEP YOUR FINANCIAL AID STANDARDS OF SATISFACTORY PROGRESS

Lake Land College has established satisfactory progress standards for Federal and State financial aid recipients in accordance with the United States Department of

Education regulations. These standards ensure that only those recipients demonstrating satisfactory progress toward the completion of their educational objective continue to receive financial assistance. The "Financial Aid Standards of Satisfactory Progress" applies to all students, regardless of previous financial aid eligibility status. Financial aid programs specifically covered by these standards include: the Illinois Monetary Award, Illinois Veteran Grant, Illinois National Guard Grant, Federal Pell Grant, Federal Work-Study Program, Federal Supplemental Educational Opportunity Grant, Federal Stafford Loan (subsidized and unsubsidized) and the Federal Parent Loan for Undergraduate Students.

SATISFACTORY PROGRESS

The financial aid "Standards of Satisfactory Progress" are measured each semester and determined by a combination of the following elements:

1. Completion Rate

To continue financial aid eligibility students must successfully complete 67 percent of one's official cumulative credit hour enrollment as determined at the end of the "drop/add" period. Grades of 'F', 'W', 'I' and 'U' do not meet satisfactory progress standards. A course for which a grade of 'F' or 'D' was received may be repeated once in establishing satisfactory progress. A student completing approved development/remedial credits while enrolled in a program eligible for financial aid will be able to include those credits toward establishing satisfactory progress.

2. Grade Point Average (GPA)

Whether or not one has previously received financial aid, financial aid recipients must have attained an acceptable minimum grade point average required by the college to remain in good academic standing (see college catalog under, "Academic Standard and Regulations: Scholastic Standing – Minimum Acceptable Standards.")

3. Maximum Timeframe

Regardless of any combination of course work attempted at Lake Land College, a student may not receive financial aid beyond 150 percent of the student's program of study as measured in semester hours.

WARNING, SUSPENSION AND REINSTATEMENT

A financial aid recipient not meeting satisfactory progress standards will be notified and placed on financial aid warning for the next term of enrollment. A student on warning status who does not then meet satisfactory progress standards will be notified and placed on financial aid suspension and lose financial aid. A student suspended from receiving financial aid must meet the Completion and Academic Standards explained above to regain eligibility.

APPEAL PROCEDURE

Because unusual circumstances may influence satisfactory progress, students may file an appeal. Complete details for the appeal procedure are available from Financial Aid. A personal conference with a Financial Aid advisor is required prior to filing an appeal. Decisions of the Financial Aid Satisfactory Progress Appeal Committee are final.

REFUNDS AND REPAYMENTS FOR FINANCIAL AID RECIPIENTS

TITLE IV REFUND POLICY

Federal regulations govern the return of Title IV funds disbursed for a student who completely withdraws from a semester. This rule assumes that a student earns his or her aid based on the period of time he or she remained enrolled. During the first 60 percent of the semester, a student earns Title IV funds in direct proportion to the length of time he or she remains enrolled. The percentage of time during the semester that the student remained enrolled is the percentage of disbursable aid for that period that the student earned. A student who remains enrolled beyond the 60 percent point earns all aid for the semester. Financial Aid will return unearned aid to the federal government. The student is then responsible for returning the unearned aid he or she received to the college.

FINANCIAL ASSISTANCE FOR VETERANS AND RESERVISTS

Lake Land College is approved for educational G.I. Bill and state veteran benefits. Service members and veterans should contact Financial Aid and Veteran Services for information concerning the financial assistance and/or benefits available to them through the U. S. Department of Veterans Affairs and state of Illinois.

VETERANS BENEFITS

MONTGOMERY GI BILL ACTIVE DUTY (CHAPTER 30)

Provides education benefits to veterans and service members who have at least two years of active duty.

POST 9/11 (CHAPTER 33)

Service members who have at least 90 days of aggregate active duty service after September 10, 2001 and are still on active duty, or are an honorable discharged veteran or were discharged with a service-connected disability after 30 days, may be eligible for this VA-administered program.

MONTGOMERY GI SELECTED RESERVE (CHAPTER 1606)

MGIB-SR program provides education and training benefits to eligible members of the Selected Reserve, including the Army Reserve, Navy Reserve, Air Force Reserve, Marine Corps Reserve and Coast Guard Reserve, and the Army National Guard and the Air National Guard. Eligibility for this program is determined by the Selected Reserve components and VA makes the payments.

SURVIVORS AND DEPENDENTS ASSISTANCE (CHAPTER 35)

Offers education and training opportunities to eligible dependents of veterans who are permanently and totally disabled due to a service-related condition or of veterans who died while on active duty or as a result of a service-related condition.

THE MARINE GUNNERY SERGEANT JOHN DAVID FRY SCHOLARSHIP (FRY SCHOLARSHIP)

Available for children and spouses of service members who died in the line of duty after September 10, 2001.

VETERAN'S VOCATIONAL REHABILITATION (CHAPTER 31)

The Veteran's Vocational Rehabilitation is a comprehensive educational program administered by the VA, open to veterans with a compensable, service-connected disability. A monthly stipend is awarded along with all tuition and fees, as well as necessary tools or supplies. Contact the Veterans Administration for more information.

ILLINOIS VETERAN GRANT (IVG)

A veteran who entered the armed forces while a resident of Illinois and has been honorably discharged, may be awarded a scholarship provided he/she has the required period of service. This scholarship pays resident tuition and certain fees at an ISAC-approved institution. Proof of service and residency requirement is provided on the Report of Separation (DD214-4) and must be submitted with the IVG application to ISAC.

ILLINOIS NATIONAL GUARD GRANT (ING)

Enlisted persons who have served one year in the Illinois National Guard or Naval Militia may apply. The ING pays tuition and certain fees for eligible persons attending an ISAC-approved institution. Persons are eligible for ING only during the period they are enlisted in the guard or militia. Applications must be renewed annually.

MIA/POW SCHOLARSHIP

The state of Illinois provides an education scholarship for the dependents of veterans who are either Missing In Action, a Prisoner of War, died while on active duty, 100% disabled due to service connected disabilities or died as a result of a service connected disabilities.

VETERANS AFFAIRS (VA): POLICY ON SATISFACTORY PROGRESS

Students who are receiving educational benefits through the U.S. Department of Veterans' Affairs (VA) and/or the Illinois Veterans' Grant or Illinois National Guard Grant must continue to make satisfactory progress in their academic major. Satisfactory progress toward an educational objective will be measured in terms of a veteran's cumulative GPA that does not subject him or her to academic probation status for two consecutive terms (see section, Academic

Information). If a certified veteran maintains a probationary GPA for two consecutive enrollment periods, the veteran's enrollment certification must be suspended. When the academic probation status is lifted, enrollment certification can be reinstated.

A veteran is expected to complete all of the credit hours he or she is certified for each semester. In some situations a veteran who does not complete all credit hours in a semester may be charged with an overpayment.

Veterans are reminded that they may only enroll in classes which apply to their declared major if they expect to receive G.I. Benefits. In special circumstances veterans may enroll in non-credit developmental/remedial classes such as reading, mathematics and English. Veterans are encouraged to consult frequently with their academic advisor or a Lake Land College counselor in regards to their academic progress.

OTHER FINANCIAL RESOURCES

LAKE LAND COLLEGE RESOURCES

TALENTED STUDENT AWARD PROGRAM

The Talented Student Award (TSA) is a tuition waiver scholarship program for graduating high school and G.E.D. students with outstanding achievement in academics, athletics and livestock judging who attend Lake Land College as full-time students.

Guidelines for the administration of the Talented Student Award Program are presented for approval to the Board of Trustees for three two-year cycles. The TSA guidelines are available from the Office of the Vice President for Student Services.

PRESIDENTIAL SCHOLARSHIP

is for a maximum of two consecutive calendar years and is awarded to in-district high school graduates who have demonstrated outstanding academic performance. Each graduate must rank in the top 15 percent of the senior class or have an ACT composite score of 26 or higher.

LIVESTOCK JUDGING AND ATHLETIC SCHOLARSHIPS

are awarded by Lake Land College coaches for a specific enrollment period to students who, in their

judgment, have outstanding ability to perform on their team. All tuition and fees for credit courses are waived except late fees and special assessments for materials used in class. Administration of the athletic scholarship is in accordance with the National Junior College Athletic Association and the Lake Land College Board of Trustees guidelines.

WORK AND LEARN

The Work and Learn Program provides work experience, tuition support and ongoing mentoring for adults who are unemployed or underemployed to attend Lake Land College to earn a Workforce Ready certificate or associate in applied science degree. Students who are at least 24 years of age (or are designated as independent students through the financial aid process) who have earned a high school diploma or GED and have previously earned less than one year of college credit (30 credit hours), may apply through Lake Land College Career Services.

COMMUNITY RESOURCES

VOCATIONAL REHABILITATION GRANTS

The state of Illinois Department of Rehabilitation Services (DORS) may provide funds for tuition, room and board, transportation and other necessary expenses for persons who are found to be disabled. Applicants must have a disability which prevents them from earning a living, getting a suitable job or threatens their continuing employment. Applicants must have a reasonable chance of being able to work in suitable employment after training is provided. Students who have a medical or physical disability should contact an office of the Illinois Department of Rehabilitation Services for further information. In Mattoon, DORS is located at 129 North 15th Street; 217-235-3154.

SPECIAL SCHOLARSHIPS

The Illinois Student Assistance Commission (ISAC) sponsors scholarship programs for special groups. These include dependents of policemen and firemen killed in the line of duty; dependents of correctional workers killed in the line of duty or permanently disabled; and teacher shortage scholarships. Information for these special programs may be obtained by visiting isac.org

or by calling the Illinois Student Assistance Commission at 800-899-4722.

COMMUNITY SERVICES BLOCK GRANT

The Illinois Department of Commerce and Community Affairs (DCCA), through local offices, provides an assistance program for students enrolled in training for high-employment potential fields. Eligibility is based on need and likely success in a chosen curriculum. Contact the DCCA, Division of Economic Opportunity, 217-785-6206, for the location of the community action office in your county.

DISLOCATED WORKER SERVICES

This program offers assistance to people unemployed due to a business closing or a permanent layoff. The Dislocated Worker Program can provide vocational classroom training, on-the-job training, job search assistance, personal counseling and other support services. For application and eligibility procedures, please contact the Dislocated Worker Program at 305 Richmond Ave. East, Mattoon, 217-235-2222, ext. 8276.

PUBLIC ASSISTANCE GRANT PROGRAM

Students with an active DHS case ID may be eligible for tuition assistance for a maximum of 12 credit hours. For a list of approved classes and a determination of eligibility, contact the Lake Land College Adult Education Program or phone 217-235-0361, ext. 228.

PRIVATE SCHOLARSHIPS

Be sure to look into local community scholarship resources for possible funding. Often community public service organizations, local lending institutions, fraternal orders, business clubs and industries sponsor a variety of private scholarships. In addition, regional superintendent of schools may publish a comprehensive listing of scholarships and grants. See also, Lake Land College Foundation Scholarships information on the next page. Visit the website for additional information on scholarship searches.

LAKE LAND COLLEGE FOUNDATION SCHOLARSHIPS

BUILDING BRIGHTER FUTURES AND
STRONGER COMMUNITIES THROUGH EDUCATION

TIPS FOR SUBMITTING A SCHOLARSHIP APPLICATION TO THE LAKE LAND COLLEGE FOUNDATION

- ✓ **Use proper grammar, punctuation and sentence structure** when completing the application and the personal statement essay questions.
- ✓ **Proofread your application.** Give extra attention to the four essay questions.
- ✓ **Highlight strong points.** Students need to express specific examples that speak directly to the questions. Be sure your answers are clear and contain enough details to give a clear picture of the situation.
- ✓ **Make sure the application is complete.** Complete all requested information as well as the personal statement essays and submit your application online at lakelandcollege.edu/foundation/scholarships.cfm.
- ✓ **Turn in a new application each academic year.** Students must submit a new application each academic year.
- ✓ **Submit application online.** Complete the application online at lakelandcollege.edu/foundation.
- ✓ **Turn application in on time.** The scholarship application period is November 1 – February 1 at 5 p.m.

Each fall semester students are able to apply for the Fall Blitz if they didn't receive an award in the spring, or if they missed the deadline. The period for this application is three weeks in August. Students should watch for specific dates in their Laker Mail and Laker Hub.

Scholarship awards range from \$200 to \$3,500 per academic year. Scholarship applications are only accepted online from November 1 to February 1 at 5 p.m. Recipients will be notified in April if they will be receiving a Foundation scholarship. Scholarships are not automatically renewed, and students must reapply each academic year. Information pertaining to scholarships, guidelines for individual scholarships and applications are available by contacting the Foundation at 217-234-5445, foundation@lakelandcollege.edu or online.

Please note that only one application needs to be completed for consideration of all Foundation Scholarships.

A complete listing of available scholarships is available on the Foundation's website at lakelandcollege.edu/foundation.

Students are strongly encouraged to attend the Scholarship Reception in April to meet the donor of their scholarship.

The Lake Land College Foundation was established exclusively for educational, scientific and charitable purposes. The Foundation assists the college in developing and enhancing the educational opportunities and service to its students, alumni and citizens of the district. The Foundation is chartered under the Internal Revenue Code as a 501 (c) (3) tax exempt, non-profit organization, which may accept gifts of money, property, works of art, historical papers and documents, museum specimens and other materials having educational, artistic or historical value, and by such other proper means as may be deemed advisable. The thrust of the Foundation is to provide student scholarships through funds contributed by individuals, agencies and corporations.

RESOURCES

TO HELP YOU BE SUCCESSFUL

IN THIS CHAPTER:

- ◆ BOOKSTORE
- ◆ CAREER SERVICES
- ◆ COLLEGE NURSE
- ◆ COMMUNICATION
- ◆ COUNSELING
- ◆ LEAP
- ◆ LIBRARY
- ◆ ONLINE LEARNING
- ◆ PERKINS PROGRAM
- ◆ POLICIES
- ◆ STUDENT ACCOMMODATIONS
- ◆ TRiO
- ◆ TUTORING AND TESTING CENTER
- ◆ VETERANS

COMMUNICATION AT LAKE LAND COLLEGE

Lake Land College communicates with students via Laker Mail and the student portal, called the Laker Hub. One of the first steps new students should do is activate their user ID and password.

USER ID – Students can find their User ID by going to the Laker Hub Login and clicking on the lower left link “What’s My User ID?” The system will ask for a last name and social security number. It will then display the user ID.

PASSWORD – Initially, a student’s birthday in six digits (XXXXXX). A prompt to change the password will appear.

STUDENT ID NUMBER – A unique seven digit number generated when a student submits an Intent to Enroll. This number is used throughout the college in place of a social security number to identify a student.

LAKER HUB – A centralized portal containing all the communication and student engagement tools a student needs to be successful!

LAKER MAIL – Key to communicating successfully with Lake Land faculty, staff and departments such as Financial Aid.

IRIS – Internet Registration and Information System that contains a student’s personal account information, accessible through the Laker Hub.

CANVAS – An Internet-based course management program that instructors and students use for both face-to-face and online classes. It is accessible through the Laker Hub.

COUNSELING SERVICES

The mission of Counseling Services is to promote student development theory and practice.

INDIVIDUAL ASSISTANCE

Counselors provide free and confidential assistance with:

- ◆ Educational and career development
- ◆ Information regarding Lake Land College degrees and transfer requirements
- ◆ Crisis intervention and referral to campus and community resources
- ◆ Developing strategies to enhance life and academic skills.

COUNSELING HOURS

Counselors are available 8 a.m. – 5 p.m., Monday – Friday when classes are in session. (Hours are subject to change.) Evening meetings are available by appointment. Summer hours vary. An appointment is recommended to reduce waiting time, but is not always required. Members of the counseling staff are available at various off campus centers throughout the year. Please call 217-234-5232 or email counsel@lakelandcollege.edu, for information about arranging to meet with a counselor.

A counselor accepts appointments at the Kluthe Center for Higher Education and Technology in Effingham when classes are in session. Please phone 217-234-5232, to schedule an appointment.

NEW STUDENT ORIENTATION

New students at Lake Land College who plan to seek a degree or certificate of 24 or more hours will participate in an orientation program. This program provides new students with information and skills needed for a successful transition to college and beyond. New students will participate in a variety of activities designed to empower them to be successful in both academic and personal decision-making processes. As part of the orientation program, new students will register for courses for their first term of enrollment.

SUCCESS COURSES

Lake Land College offers three classes that can help you with balancing class, work, finances and home. All three courses may be taken to satisfy

graduation requirements at Lake Land College. SFS 101 Strategies for Success is a course to improve new student transition into college and the development of life skills. Research on SFS 101 has shown a positive relationship between student enrollment in the course and grade point average, college persistence and graduation. SFS 102 Strategies for Money Management is a course designed to assist students with improving their financial planning and budgeting skills. SFS 103 Life Strategies is designed for sophomore level students and will assist students in learning critical thinking skills, creating effective goals and creating a successful life and financial plan. Students may not earn credit for enrolling in both SFS 102 Strategies for Money Management and SFS 103 Life Strategies. Students may earn credit for enrolling in SFS 101 Strategies for Success and SFS 102 Strategies for Money Management.

ACADEMIC ADVISEMENT

Counselors assist in the advisement and registration of students enrolling at Lake Land College for the first time or returning students not registered for the previous term. Following the first term of enrollment, continuing students who plan to earn a degree or certificate of 24 more hours are assigned a faculty advisor. Advisors will assist students with goal identification, career planning, developing an educational plan, and choosing appropriate courses for graduation. All students must contact their advisor to be eligible for registration each semester. Students can identify their advisor by visiting the Advisement Information page under Registration on the Laker Hub.

STUDENT ACCOMMODATIONS

Lake Land College employs a Counselor/Coordinator of Student Accommodations to provide student accommodations for students with a variety of disabilities. Disabilities may include visual, auditory, speech, psychological, physical, health or learning.

Student accommodations are tools used by students to help them achieve their full potential. Examples of some services are: recorded textbooks/materials, interpreters for hearing impaired, tutors, testing

accommodations, advising and assistive technology. Since needs vary from person to person, the determination of service is completed on an individual basis. Application for support services is made by completing all forms in the Student Accommodations Application packet. Once the required information is received, an appointment with the Counselor/Coordinator of Student Accommodations will be arranged.

The architectural design of the campus and buildings is such that Lake Land College has been deemed very accessible by the Illinois Department of Rehabilitation Services. Adaptations have been made in the following areas to accommodate individuals: reserved parking for students with physical disabilities, ramps in parking lots and at access doors to all main buildings, restrooms designed for full access, an elevator in the Virgil H. Judge Learning Resource Center and automation of selected doors for all major classroom buildings.

Lake Land College has an institutional commitment to provide a quality educational experience to all students. In order to make Lake Land College more receptive to students with disabilities, please identify your needs well in advance of the term you wish to attend to ensure that the necessary accommodations can be provided. If the college does not receive advance notice, then the college may not be able to provide accommodations for the first term. Certain accommodations are available only on campus. People who are deaf or hearing impaired may contact the Counselor/Coordinator of Student Accommodations by emailing counsel@lakelandcollege.edu. Student Accommodations is open 8 a.m. until 5 p.m. Monday through Friday. (Hours vary between terms and in the summer.) Evenings available by appointment. For more information, phone 217-234-5259 or visit the website.

VETERANS AFFAIRS

Lake Land College appreciates the service of active-duty and veteran students and seeks to provide the services needed to support these students with their initial transition to college and throughout their enrollment. Following is a summary of services currently available.

1. *Contact information for the coordinator of veterans services:*

Veterans Advisor
Financial Aid and Veteran Services
Webb Hall
217-234-5255
financialaid@lakelandcollege.edu
Information regarding military educational benefits, military/other credit evaluation, and the student veterans' organization.

Coordinator of Student Accommodations
Counseling Services
Luther Student Center
counsel@lakelandcollege.edu
217-234-5259

Information regarding educational accommodations, support related to PTSD and TBI, referral to other college and community resources, and the student veterans' organization.

2. Lake Land College identifies veterans and active duty military personnel through the admissions application and financial aid process.
3. Lake Land College serves about 425 veterans a year.
4. Special services are available to veterans, active duty personnel and their families through the offices of Admissions & Records, Financial Aid and Veterans Services and Counseling Services.
5. Lake Land College Board Policy 07.39 provides that students called to active duty during the semester may request to be withdrawn from the class and receive a 100% refund, try to complete the courses in progress, or request incomplete grades. The most appropriate action will depend on the time during which the student is called to duty. Students called to duty should contact their instructors and the Dean of Admissions Services at 217-234-5378.
6. Lake Land College accepts military credit according to the ACE Guide to the Evaluation of Educational Experiences in the Armed Services and accepts DANTES credits. Veterans may earn 4 hours of college credit for completing basic training by submitting a DD214 with honorable discharge or other proof of completion of basic training. Submission of an AARTS transcript will help expedite the evaluation process.
7. Professional development training related to veterans and active duty personnel is available to Lake Land College staff. Interested staff

should contact the Coordinator of Student Accommodations at 217-234-5259.

8. Student veterans, active duty military personnel and family members may take advantage of all of the support services available to other Lake Land College students. Those services include, but are not limited to: Academic Advising, Career Services, Counseling, Financial Aid, Tutoring & Testing Center, Library, Student Accommodations, and TRiO Student Support Services. Descriptions of the services available and the contact information for each area are provided on the website.
9. Student veterans, active duty personnel and family members may also take advantage of social events and other activities provided to other Lake Land College students through Student Life. Descriptions of the student life opportunities available and contact information are available on the website.

TRiO STUDENT SUPPORT SERVICES

The TRiO Student Support Services (SSS) mission is to provide an environment that promotes academic, social, and personal growth for first generation and economically disadvantaged students, and/or students with disabilities. Student Support Services annually serves 160 Lake Land College students and provides opportunities in the following areas:

- ◆ Academic, personal and financial counseling
- ◆ Workshops – leadership, communication, learning techniques, personal finance
- ◆ Career research – assistance with interviews and writing resumes
- ◆ Transfer opportunities to four-year institutions and visits to area universities
- ◆ Technology resources
- ◆ Tutoring – individual or group tutoring services
- ◆ Financial aid guidance – assistance completing the FAFSA and scholarship applications
- ◆ Increase retention, graduation and transfer rates

TRiO Student Support Services is located in Webb Hall, room 052.

For more information, phone 217-234-5456, email triosss@lakelandcollege.edu or visit the TRiO website lakelandcollege.edu/triossupportservices/.

EARLY ADVANTAGE PROGRAM (LEAP)

Students who are struggling in a course or with life challenges can ask their instructor about the Lake Land College Early Advantage Program (LEAP).

The LEAP program is confidential and designed to help students link to campus and community resources to improve their chance for success.

If you are referred to LEAP by your instructor, you will receive an email in your Laker Mail account requesting that you contact the program for an appointment.

Students may also submit a self-referral from the Laker Hub home page. Let us help you successfully move toward your academic and life goals – check out LEAP today!

For more information about LEAP, contact Counseling Services or visit the Counseling Services website under “Strategies to enhance life and academic skills.”

TUTORING AND TESTING CENTER

The mission of the Tutoring and Testing Center is to offer tutoring services that will aid in removing obstacles to learning, to oversee placement testing and assignment into the appropriate levels of college coursework, and to provide supplemental support to students with disabilities. All services are provided in such a way as to ensure responsiveness and sensitivity to individual differences in all learners.

The Tutoring and Testing Center, located in Webb Hall, is designed to help students develop the skills necessary to improve academic performance and personal satisfaction. The services of the Tutoring and Testing Center are available to students and include the following areas:

- ◆ Tutoring in college courses
- ◆ Administration of the basic placement test battery for the college

- ◆ Proctoring tests and quizzes for online courses
- ◆ Pearson Vue testing
- ◆ Supplemental services for students with disabilities
- ◆ Administration of pre-nursing exams and testing for various programs
- ◆ Distance learning test proctoring
- ◆ CLEP testing
- ◆ Basic skills courses in memory, test taking, and computer anxiety

For more information, call the Director of the Tutoring and Testing Center at 217-234-5287.

CAREER SERVICES

The mission of Career Services is to educate and support individuals with their career development skills and job search initiatives. From career exploration to realizing success on the job, Career Services can help individuals devise a customized career plan/job search strategy to:

- ◆ Clarify career objectives before choosing an academic program;
- ◆ Explore interests, skills and abilities and match them with various careers;
- ◆ Find and evaluate career information
- ◆ Learn more about a particular business or industry;
- ◆ Become adept at job-search techniques, such as networking, resume writing and effective interviewing skills; and
- ◆ Research current job opportunities

Career Services provides access to resources on career exploration and assistance with all aspects of the job search.

CONFUSED OR UNDECIDED ON A MAJOR?

Career Services offers career interest software and career counseling services. The online career guidance program helps people explore their career-related interests and skills. The system provides in depth information on thousands of career options and offers an online portfolio that is free and accessible for life. Career counseling utilizes the results of the career guidance program, utilizes face-to-face meetings and can take from one to four appointments. These sessions are a great time for students to talk with a professional about what

they want and enjoy in life and how those things fit into possible careers. For free access to the online career guidance program or to make an appointment for career counseling, contact Career Services at careerservices@lakelandcollege.edu or 234-5288.

COOPERATIVE WORK STUDY PROGRAM

The Cooperative Work Study Program (CWSP) offers students seeking a degree or certificate the opportunity to complete an internship and gain work experience related to their academic majors. Students can earn an income and credit to apply to their degree or certificate. The student needs to have completed at least 12 college credit hours, have at least a 2.0 grade point average and be interested in gaining valuable work experience. Call the Career Services Representative at 217-234-5457.

JOB SEARCH ASSISTANCE

The job search is a critical component of an individual's career success. Career Services offers assistance with all aspects of the job search process, including resumes, cover letters, references and interviewing. In addition, local and regional job listings are posted by employers and are available on the Career Services website.

Want help or more information? Career Services is open daily from 8 a.m. to 5 p.m. Evening hours available by appointment. Summer hours vary.

LIBRARY

The Library is located in the center of the Lake Land campus in the Virgil H. Judge Learning Resource Center. The Library provides access to more than 25,000 books, DVDs, and CDs, as well as online access to millions of magazine and journal articles. We also have legal, business, biographical, and newspaper resources, and over 85,000 popular and scholarly e-books. To get started, visit the library website at Lakelandcollege.edu/library/

In addition to local resources, the Library provides direct access to the collections of more than 450 libraries in central and southern Illinois through SHARE, a shared online catalog system. Students may also search the holdings of thousands of libraries across the country through the WorldCat service.

Library services are available to students, faculty, staff, and residents of the Lake Land College district. Most materials can be checked out for use at home, and telephone and online renewal is available for most items.

Student conference rooms are available for student use, and food and drink can be enjoyed in The Second Story, the library's lounge space on the top floor.

For more information about library services, resources, or contact the Circulation Desk at 217-234-5367. For assistance with research inquiries, contact the Reference Desk at 217-234-5440. Visit the Library website for current hours and additional resources.

BOOKSTORE

The Bookstore is located on the south end of the northwest parking lot of the main campus. The store provides all required and recommended textbooks, workbooks and supplies. The Bookstore has a full selection of Lake Land College clothing.

The Bookstore is open Monday – Friday from 8 a.m. – 5 p.m. with extended hours during book pickup and return. (The Bookstore is closed Friday during the summer term). For more information on services, call 217-234-5420.

ONLINE LEARNING

Lake Land College online courses are instructor-led with the majority of the course taught over the Internet. While online courses provide flexibility, they do require a lot of self-discipline and motivation. Online students should have basic computer knowledge. If students are not familiar with computers, the college recommends enrolling in CIS040, Introduction to Computers, before taking an online course.

The college's online learning site at lakelandcollege.edu/online-learning provides many resources for students thinking about or taking online courses including:

- ◆ Are Online Courses for Me? Self-Evaluation resources for potential online students, technical requirements needed to take an online course and frequently asked question information to ensure a successful start is provided.

- ◆ **Canvas Guides**
For online or traditional courses that utilize the Canvas Learning Platform, students will have access to Canvas guides and tutorials in Canvas. Students can also participate in an optional Online Student Orientation course. For more information about Canvas, contact Information Systems and Services by phone 217-234-5261. Students can also submit support tickets in Canvas and the Laker Hub. On campus Information Systems and Services is located in the lower level of the Virgil H. Judge Learning Resource Center.
- ◆ **Proctoring Services**
Tests and quizzes for courses are sometimes completed online; however, some instructors require tests and quizzes be proctored at one of our Lake Land College proctoring sites. For more information on proctored tests, phone 217-234-5301 or email proctor@lakelandcollege.edu. An appointment and a photo ID is required to have a test or exam administered.
- ◆ **Course Materials & Textbooks**
Students taking internet courses have the option to pick up course materials in person from campus, have them delivered to an extension center or have them shipped to their home via the Laker Hub.

PERKINS PROGRAM

The Perkins Program is a federally funded initiative designed to help students succeed in technical programs. The federal government has identified specific indicators that may prevent students from successfully completing their educational goals. These barriers include: economic disadvantage, disability/disabilities, single parent or displaced homemaker status, enrollment in a program where one's gender is underrepresented (nontraditional) and limited English proficiency. Students who fit into one or more of these categories may be eligible for Perkins support services through the Perkins Program, which may include tutoring, and assistance with the purchase of supplies, workbooks and uniforms. More information is available at lakelandcollege.edu/perkins.

HEALTH SERVICES/ COLLEGE NURSE

Student Health Services is located in the Luther Student Center. The College Nurse is available to discuss any questions or to help students in regard to physical disorders or health related circumstances, and provide emergency first aid treatment and various medical services. However, it is recommended that students subscribe to the student health insurance program or have a private policy that provides comprehensive medical and surgical benefits. Contact Health Services for more information.

Health Services also offers assistance in obtaining the services of local physicians and agencies, if necessary. Over-the-counter drugs are available. Health promotion programs on substance abuse, nutrition, infectious disease, physical fitness and other topics are provided by this service. Cost of hospitalization, doctors appointments, prescription medicine, X-rays and laboratory fees must be covered by students.

In case of prolonged absences because of illness, accident or hospitalization, students should notify Health Services so proper notification can be made to instructors. Hours are 8 a.m. to 5 p.m. Monday through Friday, phone 217-234-5276.

COMMUNICABLE DISEASES

The Lake Land College Board of Trustees policy on Chronic Communicable Disease (4530) provides rules and regulations for students with communicable diseases. Students who are diagnosed as having or carrying a communicable disease should report to the College Nurse. Communicable diseases are those defined by the Illinois Department of Public Health to be contagious, infectious, communicable and dangerous to the public health. A student shall be permitted to remain in class whenever, through reasonable accommodation, there is no significant risk of transmission of the disease to others.

PHYSICAL EXAM

Only those entering programs in Dental Hygiene, Associate Degree in Nursing and Practical Nursing must request a special form for a physical exam.

COLLEGE CLOSING

In the event of inclement weather, mechanical or power failure, or other emergencies, the following procedures will be implemented. Every effort will be made to keep the college open. In some cases, Lake Land College will remain open when elementary and secondary schools are closed.

When weather conditions prevent the opening of the college or cause a delayed opening of the college, every effort will be made to make announcements on area radio stations and TV stations by 6 a.m. for that day. A listing of the stations used is posted each year on the college's website.

Closings are also posted on the college's website: lakelandcollege.edu.

TEXT NOTIFICATIONS

Students can opt in to receive closing notices via a text message or email. This can be done in the Laker Hub.

Cancellation of day classes is not an automatic closing for evening sessions. The decision to close classes that begin at 5 p.m. or later will be made as close to 2 p.m. as possible. The same radio and TV stations also will carry closing announcements in the event that evening sessions or activities have to be canceled on a day that the college was otherwise open. Classes held at college extension centers will follow the general policies of the main campus; however, classes held at other off-site locations will follow the policy for that location.

STUDENT HANDBOOK AND RIGHT-TO-KNOW INFORMATION

An online Student Handbook provides critical information for all prospective and current Lake Land College students. The online handbook provides quick links to information and policies all students should know such as privacy of educational records, alcohol and drug use prevention and support, academic standards, expectations for student behavior, and addressing sexual harassment and sexual misconduct.

A link to the handbook is sent to all current students at their college email address and can be accessed at any time at lakelandcollege.edu/studenthandbook or through the Laker

Hub. All students are encouraged to review each section of the handbook each semester and to ask questions as they arise throughout their enrollment.

STUDENT RIGHTS AND RESPONSIBILITIES

State statutes provide that the legal responsibility for adopting and enforcing all rules and regulations for the orderly operation of the college rests with the Lake Land College Board of Trustees. The responsibility for enforcing regulations and policies adopted by the board is delegated to the college administration and staff.

STUDENT CONDUCT AND DISCIPLINARY PROCEDURES

Students as members of the academic community are expected and required to observe certain standards of behavior. Also as citizens, students have a responsibility to know and obey the laws of the United States, the state of Illinois, and local governments. Policies governing student conduct and disciplinary procedures can be found in the Student Handbook available online at lakelandcollege.edu/studenthandbook.

STUDENT COMPLAINTS

Students who have a concern about an issue that adversely affects them or someone else or feel their rights have been infringed upon by the enforcement of policies and regulations may, through appropriate channels, work to resolve such problems by following procedures outlined in the Student Complaint Procedures section of the Student Handbook. The Student Handbook is available online at lakelandcollege.edu/studenthandbook or through the Laker Hub.

CAMPUS SCHEDULING

The Office of the Vice President for Business Services coordinates the campus scheduling, including the college's 299-seat theater and Field House. Seminars, workshops and special programs are also planned and coordinated through this office which can be reached at 234-5223.

POLICIES

In compliance with state and federal statutes, Lake Land College has the following policies:

AFFIRMATIVE ACTION/ EQUAL OPPORTUNITY

Lake Land College is committed to maintaining a working and learning environment that promotes equal opportunity and affirmative action and that is free from unlawful discrimination and harassment. It is the policy of Lake Land College not to engage in discrimination or harassment against any person because of race, color, sex, age, religion, national origin, ancestry, disability, marital or civil union status, veteran status, sexual orientation or any basis of discrimination precluded by applicable federal and state statutes. This policy applies to admission and access to and participation, treatment and employment in the college's programs, activities, and services.

The following campus office is assigned the responsibility for ensuring compliance with this policy as well as federal and state statutes and regulations concerning affirmative action and equal access: Office of the Director of Human Resources / 217-234-5210 / Human Resources Office Complaint forms and procedures for filing can be obtained through Counseling Services or Human Resources. In addition, these offices will maintain current copies of appropriate laws, regulations, and policies.

ANTI-HARASSMENT POLICY

Lake Land College is committed to maintaining a working and learning environment in which all individuals are treated with respect and dignity. Faculty staff and students have a right to work and learn in an atmosphere that promotes equal opportunity and prohibits harassment or other discriminatory practices.

Anti-Harassment

Workplace and academic environment harassment is a form of discrimination. Harassment includes unwelcome verbal, written or physical conduct by any person toward another person based on that person's race, color, sex, age, religion, national origin, ancestry, disability, marital or civil union status, veteran status, sexual orientation, or any basis of discrimination precluded by applicable federal and state

statutes. In accordance with Board Policy 11.04, Anti-Harassment, any such conduct which harasses, degrades, interferes with work or academic performance or creates an intimidating, offensive or hostile environment is prohibited, and could lead to disciplinary action. Any student who believes he or she is being harassed by a student, employee or third party at the College should immediately report such concerns and seek support from one of the three harassment centers: Counseling Services, College Nurse, or Director of Human Resources.

Sexual Discrimination, Harassment and Misconduct

In accordance with Board Policy 11.04.01, Sexual Harassment and Sex Discrimination, the college has an affirmative duty to take immediate and appropriate action once it knows of any act of sex discrimination, sexual harassment, sexual misconduct, or sexual violence, in any of its educational or employment programs or activities.

The college encourages student victims of sex discrimination, sexual harassment/misconduct to talk to someone about what happened so that victims can get the support they need and so that the college can respond appropriately. Different employees on campus have different abilities to maintain a student victim's confidentiality. Students are encouraged to seek assistance and support from Counseling Services or the College Nurse. These individuals can serve as Confidential Advisors, can assist students in receiving necessary protection and support, and assist students in filing a report for further investigation. Students can also report online and choose to either provide their identity or report anonymously. Online reporters will immediately receive an email with additional information and if they choose to provide their identity and contact information, a staff member will contact them for follow-up during the next business day. The electronic reporting system should not be used in emergency situations. In an emergency situation, victims should call 911 and/or the Sexual Assault Counseling and Information Services toll-free 24-hour hotline at 1-888-345-2846.

Additional information regarding student rights and college policy and procedures for addressing harassment and sexual discrimination, harassment and misconduct is provided for students in the Student Handbook & Right to Know section of the college's website, through the Laker Hub and is emailed to current students each semester.

CONFIDENTIALITY OF STUDENT RECORDS AND DIRECTORY INFORMATION

The Family Educational Rights and Privacy Act ("FERPA") affords students certain rights with respect to their "Education Records". Lake Land College maintains only those "Education Records" which are essential to the process and procedures required to develop and maintain an accurate academic record for each student and to support such student accounting needs and requirements as are imposed by state and federal law and regulations and college policies and operational procedures. Students may inspect and review their records upon written request.

Personally identifiable information contained in a student's Education Record is considered confidential and will not be released without the written consent of the student, except as authorized under FERPA and/or its implementing regulations. Requests for Education Records shall be fulfilled through the college's Admissions & Records Office, which has responsibility for maintaining and disclosing Education Records.

The college has designated the following information as "directory information": student name, mailing address, college e-mail address, enrollment status (full-time or part-time), student classification, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, most recent previous school attended, and photograph. Any student objecting to his or her directory information being made public must file notice in writing of such objection with the Admissions & Records Office.

Any student objecting to his or her directory information being made public must file notice in writing of such objections with Admissions & Records.

POLICIES, PROCEDURES AND PROGRAMS

Some programs and courses in the Lake Land College Catalog were in the final approval process at the time of catalog publication. Minor changes may occur. Advisors and counselors will have the final information on all programs. Occasionally it is necessary to change policies, procedures and programs after the printing of the Lake Land College Catalog. As a result, policies, procedures and programs as indicated in this catalog may change without notice.



ACADEMIC STANDARDS



IN THIS CHAPTER:

- ◆ CLEP/AP CREDIT
- ◆ GRADING SYSTEM
- ◆ GRADUATION REQUIREMENTS
- ◆ SCHOLASTIC STANDING
- ◆ STUDENT CALL TO MILITARY DUTY

STUDENT CLASSIFICATION

Students are classified as follows:

1. **DEGREE-SEEKING STUDENTS**

Degree-seeking students are those students who are seeking a Lake Land College degree or certificate of 24 or more credit hours.

2. **NON-DEGREE-SEEKING STUDENTS**

Students enrolled in courses at Lake Land College who are not pursuing a degree or certificate of 24 or more credit hours are considered to be non-degree-seeking students.

3. **RE-ADMIT STUDENTS**

Re-admit students are those students who have interrupted their continued enrollment for at least one full year.

4. **CONTINUING STUDENTS**

Continuing students are students who have a continuous enrollment status from the first day of their initial enrollment until they cease enrollment for a semester, excluding summer.

5. **NON-CREDIT STUDENTS**

Those students enrolled only in special interest non-credit courses which do not apply towards a degree or certificate program are classified as non-credit students.

6. **NEW STUDENTS**

New students are first-time enrollees at Lake Land College who have not enrolled in a degree or certificate program at any other institution of higher education.

7. **TRANSFER STUDENTS**

Transfer students are those who have taken course work at any other institution of higher education.

8. **FRESHMEN**

Freshmen are students who have earned 28 college credits or less.

9. **SOPHOMORES**

Sophomores are students who have earned 29 college credits.

10. **FULL-TIME STUDENTS**

Full-time students are students who are carrying 12 or more credits. In the summer, they are students who are carrying six or more credits.

11. **PART-TIME STUDENTS**

Part-time students are students who are enrolled for fewer than 12 credits. In the summer, they are students enrolled for fewer than six credits.

STUDENT CALL TO MILITARY DUTY

Lake Land College students called to active duty in the armed forces will, upon their request, be given a 100 percent refund of tuition and fees for the current term if they provide Admissions & Records with **1)** a written request to be dropped from classes at 100 percent refund and **2)** a copy of their official orders for a call to active duty. If the call to active duty comes after mid-term, the student may **1)** request to be withdrawn from classes at 100 percent refund, **2)** try to complete courses in progress after consulting with the instructors, or **3)** request incomplete grades ("I") after consulting with the instructors.

ACADEMIC HONORS

Each semester (excluding summer term), academic honors are awarded to students who have completed 12 credit hours of courses at the .040 level or above that count in the grade point average with a semester GPA as follows: Honor's List, 3.50 – 3.64 GPA; Dean's List (high honors), 3.65 – 3.79 GPA; and President's List (highest honors), 3.80 – 4.00 GPA.

Academic honors for part-time students are awarded to students who complete 6 to 11 credit hours per semester (excluding summer term) with a semester grade point average (GPA) as follows: Honor's List, 3.50 – 3.64 GPA; Dean's List (high honors), 3.65 – 3.79 GPA; and President's List (highest honors), 3.80 – 4.00 GPA.

STUDENT WITHDRAWALS FROM COURSES

It is beneficial for students to seek advice from the instructor and/or counselor when considering withdrawal from a course. Students can withdraw from courses in one of the following ways: **1)** Use the Internet Registration and Information System (IRIS). Students may not use IRIS to withdraw from courses if they have a block on their records. **2)** Submit a change of schedule form to Admissions & Records on campus or at the Kluthe Center. **3)** Call Admissions & Records or the Kluthe Center to inform them of

their intentions. The official date of withdrawal will be the date the form or phone call is received in Admissions & Records or the Kluthe Center.

For classes meeting eight weeks or longer, students can withdraw prior to four instructional days before the first day of the final examination period and receive a "W" on their academic transcript. For classes meeting less than eight weeks in length, students may withdraw prior to the date of the last class session and receive a grade of "W" on their academic transcript. Students who do not officially withdraw may receive an "F" grade on their transcript. Once students take the final exam, they cannot withdraw from that class.

It is important to consider the following when withdrawing from a course:

1. The refund policy. **No refund will be authorized for withdrawals or changes made after the refund period.**
2. Financial aid implications. Students may lose both current financial aid (grant/loan) and future financial aid eligibility if they withdraw and may be held responsible for full payment of tuition and fees. Contact Financial Aid for more information.

INSTRUCTOR WITHDRAWALS FROM COURSES

An instructor may withdraw a student from class if the number of absences is detrimental to the student's ability to meet the course objectives.

TO OBTAIN AN INCOMPLETE FOR A COURSE

If a student is unable to complete the requirements for a course during the allotted time period due to illness or other extreme circumstances, the student may request the instructor to assign a grade of "I" (Incomplete).

To receive this grade the student must have been maintaining a passing grade at the time the illness or extreme circumstance started, the instructor must agree that this is an appropriate grade in the specific circumstance, and the student and the instructor must complete a Request to Obtain an Incomplete form.

During the next regular term, excluding summer, the student will be given the opportunity to complete the requirements for the course. After the requirements have or have not been completed, the instructor will determine the grade the student earned (A,B,C,D,F, or P) and report it to Admissions & Records by the mid-term date for that term. Any "I" grade remaining after the mid-term date will automatically be changed to an "F" grade. Students affected by this procedure should refer to the grade appeal section of the catalog.

GRADUATION WITH HONORS

In computing the final grade point average for graduation with honors, only courses and grades earned at Lake Land College will be used. *The final range of cumulative grade point average (GPA) to be awarded graduation honors are as follows:*

cum laude, 3.50 – 3.64 GPA; magna cum laude, 3.65 – 3.79 GPA; and summa cum laude, 3.80 – 4.00 GPA.

Only those students completing degree requirements or a certificate program of 24 hours or more can be designated as graduating with honors. The grade exclusion policy will not affect the calculating of the final grade point average used to determine graduation with honors status.

Honors for spring candidates for degrees and certificates are tentative and are based upon their cumulative grade point average for courses taken at Lake Land College during the previous semesters. Summer candidates for graduation, although allowed to participate in the spring graduation ceremony, will not have an honors designation listed in the program.

At the time candidates are certified for graduation, a notation will be placed on their academic transcript and diploma indicating they graduated with honors.

ACADEMIC LOAD/MAXIMUM HOURS PER TERM

During the fall and spring semesters, no student may register for more than 20 semester hours without permission from the Vice President for Academic Services. During the summer term, no student may register for more than 10 semester hours without permission

ACADEMIC STANDARDS & REGULATIONS

GRADES

A student's course work will be evaluated according to the following system:

Grade	Performance	Grade Point Value
A	Superior	4
B	Good	3
C	Average	2
D	Poor	1
F	Failure	0
W	Withdrawal	0
U	Audit	0
I	Incomplete	0
P	Pass (is not used in averaging grades but does carry credit)	

Final grades are posted to each individual student's record at the end of the academic term in which the course was completed.

Students may access their grades online at lakelandcollege.edu. Admissions and Records does not mail grades. Students who do not have access to the Internet should call 217-234-5434 to request a copy of their grades.

FIGURING GRADE POINT AVERAGE (GPA)

A student's academic standing at the college is determined by his or her grade point average (GPA). Students can figure their GPA by dividing the total number of grade points earned by the total number of semester hours attempted. The semester grade point average represents the average of class grades for one semester. A cumulative grade point average represents the average of the grades of all courses a student has taken at Lake Land College only. Only grades for courses at the 040 level or above are used to compute grade point average.

from the Vice President for Academic Services.

Contact 217-234-5220 or rearp@lakelandcollege.edu for additional information.

GRADE APPEALS

Grade appeals must be initiated by the student no later than the end of the sixth week following the close of the semester for which the assigned grade was recorded. This request must be initiated with the instructor of the course, the Division Chair or the Vice President for Academic Services. The Vice President for Academic Services has the final approval of grade appeals.

GRADE EXCLUSION POLICY

Students are offered a once-only opportunity to improve their grade point average provided they meet the following conditions:

1. They must not have been enrolled in credit courses at Lake Land College for at least five consecutive calendar years from their last enrollment period.
2. Must have completed a minimum of 12 semester hours with a grade point average of 2.00 or better at Lake Land after the five year waiting period.

3. Only "F" grades that were earned in a single semester or term of enrollment will be excluded.
4. The Grade Exclusion Policy cannot be applied before the minimum credits, waiting period and grade point average are earned.

Students planning to transfer to another institution are cautioned that the receiving university may use all grades earned in excluded courses for computation of grade point average for admission or other purposes. Eligible students should see a counselor or academic advisor to begin the process. Forms can be obtained from Admissions & Records.

REMAINING IN GOOD ACADEMIC STANDING

GOOD ACADEMIC STANDING

Lake Land College interprets a cumulative "C" average (A=4.0, B=3.0, C=2.0, D=1.0) as the minimum acceptable standard of scholarship for graduation. Students will be notified of their academic standing on their grade reports each term. *Minimum acceptable standards in terms of grade point average (GPA) to remain in "good academic standing" are as follows:*

12–20 hrs. 1.5 GPA	21–29 hrs. 1.6 GPA	30–38 hrs. 1.7 GPA
39–47 hrs. 1.8 GPA	48–55 hrs. 1.9 GPA	56+ hrs. 2.0 GPA

GOOD ACADEMIC STANDING – WARNING

1. Any student with a cumulative grade point average (GPA) high enough to be in good academic standing but less than 2.0 will be placed on good academic standing – warning status.
2. While on good academic standing- warning status, students:
 - a. Are encouraged to meet with an academic counselor before registration.
 - b. Must enroll in Strategies for Success (SFS 101).

ACADEMIC PROBATION

1. Any student whose cumulative grade point average falls below the minimum acceptable standards to remain in "good academic standing" after 12 semester hours will be placed on academic probation.
2. While on probation, students may continue to enroll in the college, however, they:
 - a. Must meet with an academic counselor before registration.

- b. Must enroll in no more than 14 semester hours maximum during the fall and spring semesters and no more than 6 semester hours during the summer term.
 - c. Must enroll in Strategies for Success SFS 101.
 - d. Can be required to take developmental reading courses or tutoring in specific areas, upon the recommendation of counseling and reading professionals.
 - e. Must earn a 2.00 semester grade point average or a cumulative grade point average at or above the minimum acceptable standard for the number of semester hours attempted.
3. A student is removed from probationary status and considered in "good academic standing" when the cumulative grade point average is at or above the minimum acceptable standard for the number of semester hours attempted.

ACADEMIC SUSPENSION

1. Any student on academic probation who attempts one or more college credit courses at the 040 course level or above and fails to achieve a 2.00 semester grade point average or a cumulative grade point average at or above the minimum acceptable standard will be academically suspended from the college.
2. The suspension will be for the full term following the term of current enrollment. Readmittance to the college will be automatic for students who have been suspended.
3. No student may enroll in any college credit courses during the suspension period; however, with consent of a counselor, the student may enroll in courses below the 040 course level (developmental and general studies), Reading and Study Skills I RDG 050, and Strategies for Success SFS 101, 102, or 103.
4. Students returning from academic suspension will be placed on academic probation status and will be required to successfully complete (obtain a passing grade in) Strategies for Success SFS 101. Students may also be required to complete developmental reading courses or tutoring in specific areas.

ACADEMIC DISMISSAL

1. Any student, previously suspended, who re-enters the college and while on probation, does not earn a minimum 2.00 semester grade point average or a cumulative grade point average at or above the minimum acceptable standard for the number of semester hours attempted will be dismissed for not less than one calendar year.
2. After the one year dismissal period, a student must petition the Academic Standards Committee for readmission. The petition for readmission must be submitted at least three weeks prior to the beginning of the term the student wishes to enroll.
3. Any student readmitted by the Academic Standards Committee will be notified in writing of the specific terms of readmission.
4. Students returning from academic dismissal will be placed on academic probation status and will be required to successfully complete (obtain a passing grade in) SFS 101 Strategies for Success. Students may also be required to complete developmental reading courses or tutoring in specific areas.
5. Any student who reenters the college after academic dismissal and does not meet the conditions required by the Academic Standards Committee may be permanently dismissed from the college.

ADDING COURSES

Students may add courses to their schedule through the first two instructional days of the semester or module. Classes less than a module in length must be added prior to the first day. Students may add an evening class prior to the second class meeting. In order to add a course, degree-seeking students may either use IRIS or submit a completed Change of Schedule form to Admissions & Records or at the Kluthe Center. Off campus students may contact the local extension center coordinator. Non-degree seeking students may call Admissions & Records staff to add classes.

DROPPING COURSES

Students may drop a course with no notation on their academic transcript and not be required to pay for the course (or receive a refund) during specific time periods dependent upon the length of the course.

- ◆ Courses meeting 12 weeks or longer must be dropped no later than 10 instructional days after the beginning of the semester.
- ◆ Courses meeting 8–11 weeks must be dropped no later than 5 instructional days after the beginning of the semester/module.
- ◆ Courses meeting 3–7 weeks must be dropped no later than the first instructional day of the course.
- ◆ Courses meeting less than 3 weeks must be dropped prior to the first instructional day of the course.

Students may be administratively dropped from courses if they do not meet the required pre-requisites.

In order to drop a course with no record, students must either use the Internet Registration and Information System (IRIS) or submit a completed Change of Schedule form to Admissions & Records to inform them of their intentions. It is the student's responsibility to drop courses according to policy and to secure proper documentation.

CHANGE OF PROGRAM OF STUDY

Unless informed otherwise, students are assigned the program of study/major they indicate on their Intent to Enroll. If a student wants to change his or her major and has not enrolled yet, then the student should contact Admissions & Records. If already enrolled, the student should complete a "Change Major" form online through their Laker Hub.

AUDIT A COURSE

To audit a course, the student must pay the same tuition and fees as if the course were being taken for credit. The student must declare the intention to audit the course in writing on the proper form with Admissions & Records during the registration period for the course. The form is available online at lakelandcollege.edu.

REPEATING COURSES

Courses in which the content varies from semester to semester or in which a student is expected to gain increased knowledge and skill through repetition are designated as repeatable. These courses, and the maximum number of times each can be repeated, are noted in the course description section of the college catalog. When students repeat courses designated as repeatable, all credit hours and grades are computed in the hours earned and cumulative grade point average.

A student who earns a grade of F in a repeatable course and subsequently repeats it and earns a passing grade may request to have only the last credit hours and grade earned computed in the students' cumulative grade point average.

Students may repeat other courses that are not designated as repeatable with the understanding that only the last credit hours and grades earned will be computed in the students' grade point average.

Admissions & Records must be notified by the student in writing on the proper form of a repeated course to insure the repeat is noted on the transcript.

Students should be aware that repeating courses may impact their financial aid. Because repeat course policies vary from college to college, students planning to transfer are encouraged to familiarize themselves with the policy of the college they will attend.

IMPORTANCE OF ATTENDING CLASS

Because regular, punctual classroom attendance is considered important for quality performance and success, students are expected to punctually attend all meetings of classes in which they are enrolled. Instructors and/or division chairpersons have the prerogative to determine minimum requirements; oftentimes these requirements are determined by accrediting and credential-granting agencies. Instructors also have the prerogative of lowering grades for unexcused absences. Because the Illinois Community College Board requires instructors to certify the attendance of students at mid-term,

an instructor may withdraw a student from class if the number of absences is detrimental to his/her ability to meet the course objectives. In case of prolonged absence because of illness, accident, or hospitalization, students must notify the College Health Services so that proper notification can be made to instructors. Student absences for the purpose of attending regular national guard or military reserve unit activities, volunteer emergency worker duty, and jury duty will be considered excused absences upon submission of appropriate documentation to the course instructor.

Lake Land College will reasonably accommodate student absences for religious observances in accordance with the University Religious Observations Act (110 ILCS 110/1 and 110/1.5) in regards to admissions, class attendance and the scheduling of examinations and work requirements. Students faced with schedule conflicts related to religious observances should make prior arrangements with instructors at least ten (10) calendar days in advance of the examination or other activity involved. A student who believes that he or she has been unreasonably denied an educational benefit due to his or her religious beliefs or practices may appeal the decision in accordance with the college's Student Concerns and Grievances Procedures.

CLASS ATTENDANCE AND COLLEGE-SPONSORED ACTIVITIES AND EVENTS

College-sponsored student activities and events should not conflict with regularly scheduled classes unless necessary. Staff planning student activities and events during regularly scheduled class times must submit a request to the appropriate Vice President for prior approval. Once approved, the staff member supervising the activity will provide notification to instructors and include the names of the students who will participate. When activities are rescheduled due to weather or other unforeseeable conditions, the staff member will notify the instructors as soon as possible after the schedule change is made.

Participation in approved college-sponsored student activities and events will be considered excused absences and students will be allowed to complete work according to the following:

1. The student will contact the instructor at least one week prior to the absence. When activities are rescheduled due to weather or other unforeseeable conditions, the student will contact the instructor as soon as possible after the schedule change is made.
2. The student should request from the instructor the work to be made up and complete what can be completed prior to the absence. Examinations and other assignments that cannot be completed prior to the absence will be made up at a time mutually agreed upon by the student and the instructor.
3. If needed, an instructor can make an alternative assignment for the make up work.
4. If a student fails to notify the instructor prior to the absence or does not complete the assignment as mutually agreed upon, the student will not be allowed to make up the work.

FINAL EXAMINATIONS

Rescheduling of final exams is not permitted except with permission of the Vice President for Academic Services and with the consent of the instructor.

The schedule can be found at lakelandcollege.edu.

CREDIT BY PROFICIENCY EXAMINATION

If reasonable evidence exists that a student possesses college-level academic proficiency in a subject area, the student may request to take a proficiency examination. Students may earn credit for college courses based on proficiency examinations and use that credit to meet requirements for an associate degree or certificate.

Proficiency examinations are limited to those courses recommended by the Division Chair and approved by the Vice President for Academic Services. Forms to begin the process are available in the Office of the Vice President for Academic Services.

A non-refundable evaluation fee equal to fifty percent (50%) of the current in-district tuition per credit hour is required for a proficiency examination and must be paid in advance. A grade will be given and the credit earned will be posted to the student's transcript. No official record is made of failures. Tuition and fees will not be assessed for credit earned by proficiency examination. Proficiency examinations are given with the following criteria:

1. Examinations are given for experience for which no prior college credit has been received.
2. The student must be admitted into the College and must not have previously audited or taken any course for which he/she is seeking credit.
3. The student will not be certified for academic credit in any course that he/she is not eligible to register for credit.
4. No proficiency examination will be given if the student is currently enrolled in the course past the official refund date.
5. Examinations will not be given if the student has received credit for advanced work in the subject area beyond the course in which the examination is requested.
6. Students may attempt a proficiency examination one time per course.

ADVANCED PLACEMENT

Lake Land College grants credit for courses taken by high school students who participate in the Advanced Placement Program. Credit is based on course examinations administered by the College Entrance Examination Board, and the following provisions apply:

1. Students must have scores sent directly to Lake Land College Admissions and Records. (Scores from other college transcripts cannot be used.)
2. All scores will be individually evaluated to determine specific course credit and the amount of credit to be awarded (See below.)
3. Credit will be granted without a grade, but it may be used to fulfill graduation requirements.
4. Credit will not be used to calculate grade point averages.
5. No tuition or fees are charged for Advancement Placement credit.
6. Students should be aware that Advanced Placement credit may not be accepted by another college or university.

AP TEST TITLE	COURSE/CREDIT HOURS GRANTED	MINIMUM SCORE
Spanish Language & Literature	FLG 140 and FLG 141 (6 hrs)	3
French Language & Literature	FLG 130 and FLG 131 (6 hrs)	3
English Language & Composition	ENG 120 (3 hrs)	3
English Literature & Composition	LIT 130 (3 hrs)	3
Computer Science	CIS 156 (3 hrs)	3
Biology	BIO 100 (4 hrs)	3
Chemistry	CHM 150 (4 hrs)	3
Chemistry	CHM 150 and 151 (8 hrs)	5
Physics – Level B	PHY 130, 131 and 132 (8 hrs)	3
Physics – Level C Part 1	PHY 140 (4 hrs)	3
Physics – Level C Part 2	PHY 141 (4 hrs)	3
Calculus AB	MAT 241 (5 hrs)	3
Calculus BC	MAT 241 and MAT 242 (7 hrs)	3
Statistics	MAT 125 (3 hrs)	3
Economics	ECO 130 or ECO 231 (3 hrs)	3
United States History	HIS 155 or HIS 156 (3 hrs)	3
Political Science	POS 160 or POS 162 (3 hrs)	3
Psychology	PSY 271 (3 hrs)	3

CREDIT THROUGH THE CLEP EXAM

College credit is given for examinations taken through the College Level Examination Program (CLEP) of the College Entrance Examination Board (CEEB) if satisfactory scores are achieved.

The following provisions apply:

1. Students must have scores sent directly to the Lake Land College Admissions & Records. (Scores from other college transcripts cannot be used.)
2. All scores will be individually evaluated to determine specific course credit and the amount of credit to be awarded. Lake Land College accepts the American Council on Education (ACE) recommendations for credit-granting scores (see chart).
3. Credit will be granted without a grade, but it may be used to fulfill graduation requirements.
4. Credit will not be used to calculate grade point averages.
5. No tuition or fees are charged for CLEP credit.
6. Students should be aware that CLEP credits may not be accepted by another college or university.

Students interested in taking a CLEP test may obtain information from the Director of the Tutoring and Testing Center in Webb Hall, or by calling 217-234-5287.

CLEP TEST	MINIMUM SCORE	CREDIT GRANTED	EQUIVALENCE
College Algebra	50	3 hrs	MAT 130
Calculus	50	5 hrs	MAT 241
College Composition	50	3 hrs	ENG 120
Humanities	50	3 hrs	HUM 150
Social Sciences and History	50	3 hrs	Social Science elective
Financial Accounting	50	3 hrs	BUS 151
Principles of Management	50	3 hrs	BUS 251
Principles of Marketing	50	3 hrs	BUS 247
American Government	50	3 hrs	POS 160
History of the US I: Early Colonization to 1877	50	3 hrs	HIS 155
History of the US II: 1865 to Present	50	3 hrs	HIS 156
Human Growth and Development	50	3 hrs	PSY 279
Principles of Microeconomics	50	3 hrs	ECO 232
Principles of Macroeconomics	50	3 hrs	ECO 231
Introductory Psychology	50	3 hrs	PSY 271
Western Civilization I: Ancient Near East to 1648	50	3 hrs	HIS 250
Western Civilization II: 1648 to present	50	3 hrs	HIS 252
Introductory Sociology	50	3 hrs	SOC 280
Chemistry	50	4 hrs	CHM 120 or CHM 150
Biology	50	4 hrs	BIO 100
Introductory Business Law	50	3 hrs	BUS 200
Analyzing and Interpreting Literature	50	3 hrs	LIT 130
American Literature	50	3 hrs	LIT 251
English Literature	50	3 hrs	LIT 260
French Language Level 1	50	6 hrs	FLG 130 & 131
Spanish Language Level 1	50	6 hrs	FLG 140 & 141
Precalculus	50	5 hrs	MAT 140

LIFE EXPERIENCE CREDIT THROUGH PORTFOLIO DEVELOPMENT

Not all learning takes place in the classroom. Valuable college-level knowledge may be acquired through job experience and other life accomplishments. Students may earn credit for college courses based on life experience and may use that credit to meet requirements for an associate degree or certificate. Learning experience must parallel courses offered at Lake Land College and credits are applied based on requirements of each specific certificate or degree.

Credit is awarded based on completion of INS099 Portfolio Development and an evaluation of documentation of the learning experiences presented through the portfolio process. Students

must demonstrate an acquisition of knowledge of the learning outcomes of the course to receive credit for life experiences. Tuition and fees will be charged for INS099 and a pass/fail grade will be assigned. A non-refundable evaluation fee equal to fifty percent (50%) of the current in-district tuition per credit hour will be required prior to formal evaluation of the portfolio. No tuition or fees are charged for credit earned through portfolio development and no grade is assigned. The credit will be posted to the student's transcript. No official record is made if no credit is granted for the portfolio. *Life experience credit is awarded with the following criteria:*

1. Life experience credit will be awarded for courses for which no prior college credit has been received.
2. The student must be admitted into the college and must not have previously audited or taken any course for which he/she is seeking credit.
3. The student will not be certified for academic credit in any course that he/she is not eligible to register for credit.
4. No life experience credit will be given if the student is currently enrolled in the course past the official refund date.
5. Life experience credit will not be given if the student has received credit for advanced work in the subject area beyond the course for which the credit is requested.
6. Students may attempt life experience credit one time per course.
7. Portfolios must be completed and submitted prior to the start of the semester in which the student plans to graduate.
8. Each portfolio will be individually evaluated and must meet all requirements to be awarded credit for a specific course(s). No partial course credit will be granted.

CREDIT THROUGH THE INTERNATIONAL BACCALAUREATE PROGRAM

Lake Land College grants credit for courses taken by high school students who participate in International Baccalaureate Programs. Credit is based on the International Baccalaureate Diploma subject scores according to the following provisions:

1. Students must have scores sent directly to Lake Land College Admissions and Records Office. (Scores from other college transcripts cannot be used.)
2. All scores will be individually evaluated to determine specific course credit and the amount of credit to be awarded (see chart below).
3. Credit will be granted without a grade, but it may be used to fulfill graduation requirements.
4. Credit will not be used to calculate grade point averages.
5. No tuition or fees are charged for International Baccalaureate credit.
6. Students should be aware that International Baccalaureate credit may not be accepted by another college or university.

MINIMUM IB EXAM	CREDIT SCORE	EQUIVALENT GRANTED	COURSE(S)
Biology (HL or SL)	6	4 hours	BIO 100
Business Management (SL)	6	3 hours	BUS 142
Chemistry (HL)	6	8 hours	CHM 150 & 151
Chemistry (SL)	6	4 hours	CHM 111 or 120
Computer Science (HL or SL)	6	3 hours	CIS 156
Economics (HL or SL)	6	3 hours	ECO 231
Geography (HL or SL)	6	3 hours	GEO 140
Global Politics (HL or SL)	6	3 hours	POS 264
History (HL or SL)	6	3 hours	HIS 250
Math (HL)	6	8 hours	MAT 125 & 241
Math (SL)	6	8 hours	MAT 125 & 140
Math, Further (HL)	6	10 hours	MAT 125, 242 & 255
Philosophy (HL or SL)	6	3 hours	PHI 270
Physics (HL)	5	4 hours	PHY 140
	6	8 hours	PHY 140 & 141
Physics (SL)	5	4 hours	PHY 130
	6	8 or 4 hours	PHY 130 & 131 or PHY 140
Psychology (HL or SL)	6	3 hours	PSY 271
Social and Cultural Anthropology (HL or SL)	6	3 hours	ANT 200
Theatre (SL)	6	3 hours	SPE 244
World Religions (SL)	6	3 hours	PHI 232

CREDIT THROUGH THE ILLINOIS STATE SEAL OF BILITERACY

Lake Land College grants course credit for two semesters of foreign language, including sign language, if a student's high school transcript indicates that the student has been awarded the Illinois State Seal of Biliteracy. The student must request the course credit through the Lake Land College Admissions and Records Office within three (3) academic years after graduating from high school. Credit is based on criteria established by the State Board of Education and the following provisions apply:

1. Students must submit a final high school transcript verifying receipt of the State Seal of Biliteracy.
2. Students must request course credit for the Seal within three (3) academic years after graduating from high school and must be currently enrolled at Lake Land College at the time of the request.
3. Credit will be limited to the foreign languages the College is approved to offer as follows:
 - a. ENG110/111: Manual Communication-Deaf and Advanced Signing
 - b. FLG130/131: Elementary French I and II
 - c. FLG140/141: Elementary Spanish I and II
 - d. FLG150/151: Beginning German I and II
4. Credit will be granted without a grade and will not be used to calculate grade point average but may be used to fulfill graduation requirements.
5. No tuition or fees will be assessed for the credit to be awarded.
6. Students should be aware that the credit may not be accepted by another college or university.

CREDIT FOR PROFESSIONAL CERTIFICATION AND LICENSURE

Lake Land College may award credit to students seeking advanced education in an academic program for which the student currently holds professional certification or licensure

through the State of Illinois. Specific credit to be awarded is determined by the academic department in which the program of study is offered and approved by the vice president for academic services through submission of an Academic Request form. The following provisions will apply:

1. Students must submit a copy of their current certification or licensure to the Admissions and Records Office.
2. Credit will be awarded according to the pre-approved equivalencies established by the academic department and published in the college catalog.
3. Credit will be granted without a grade, but it may be used to fulfill graduation requirements.
4. Credit will not be used to calculate grade point averages.
5. No tuition or fees will be charged for professional certification or licensure credit.
6. Students should be aware that professional certification or licensure credit may not be accepted by another college or university.

INDEPENDENT STUDY

Students may pursue supervised study for one-half to four semester hours of credit on an independent basis for academic work which reflects a reasonable and moderate extension of current Lake Land College courses. Students are permitted to enroll in Independent Study with permission of the instructor and approval by the Division Chair and the Vice President for Academic Services. See course description for INS 299 Independent Study.

TRANSFER TO OTHER COLLEGES OR UNIVERSITIES

Students intending to transfer to other colleges or universities are encouraged to plan their programs with a counselor to ensure compatible course selection.

The General Education Compact Agreement provides that any student who earns an associate degree in a baccalaureate-oriented program at Lake Land College shall enter the

following senior colleges and universities with a junior standing, having fulfilled all lower division general education requirements of the senior institution:

- ◆ Chicago State University
- ◆ Eastern Illinois University
- ◆ Governors State University
- ◆ Illinois State University
- ◆ Northeastern Illinois University
- ◆ Northern Illinois University
- ◆ University of Illinois – Springfield
- ◆ Southern Illinois University – Carbondale and Edwardsville
- ◆ Western Illinois University

Baccalaureate programs include Associate in Arts (AA), and Associate in Science (AS).

Students who opt not to complete the A.A. or A.S. degree are advised to complete the Illinois Articulation Initiative General Education Core Curriculum. This option assures students that when they transfer to a senior institution they will have met all lower division general education requirements.

Students transferring without completing the Associate in Arts or Associate in Science degree and who have not completed the General Education Core Curriculum will have their transfer credits evaluated on a course by course basis. Also, these students will be required to meet the general education requirements of the institution to which they transfer.

TRANSCRIPT EVALUATION

An official evaluation of regionally accredited college and university transcripts, Lake Land College, and military credit, is available to students by filing a transcript evaluation form at Admissions & Records. The form is available online at lakelandcollege.edu. Student copies will not be evaluated. If an informal evaluation is done, the student assumes responsibility for course selection.

ASSESSMENT

Because of its commitment to continually improve the quality of educational experiences, Lake Land College uses information from and about students to improve instructional programs and general education. Assessment is the process of

measuring student performance and using the results to improve courses and programs. The process is integral to the college's affirmation of accreditation with the Higher Learning Commission. To ensure that adequate information is available, students will be asked to participate in personal interviews, to take program and/or general education assessments, or to complete surveys. More information about Assessment can be found online at lakelandcollege.edu under Academic Information.

DEGREES AND CERTIFICATES AWARDED

THE ASSOCIATE IN ARTS OR THE ASSOCIATE IN SCIENCE DEGREE will be awarded to those students who pursue a course of study leading to transfer to a four-year college or university. The requirements for these degrees are as rigorous as those at the four-year college or university and upon completion of the requirements students are admitted with junior standing to those colleges and universities that endorse the General Education Compact Agreement sponsored by the Illinois Board of Higher Education. Students select either the associate in arts or the associate in science degree based on their intended major and the requirements of their four year college or university.

THE ASSOCIATE IN ENGINEERING SCIENCE DEGREE will be awarded to those students who pursue a course of study leading to transfer to a four-year college or university with a major in engineering. Degree requirements differ significantly from the associate in arts and associate in science degrees so students need to follow precisely the curriculum model for the associate in engineering science degree. Students interested in pursuing a bachelor's degree in architectural or chemical engineering should consult a counselor before choosing the degree path to follow.

THE ASSOCIATE IN APPLIED SCIENCE DEGREE will be awarded to those students who meet the specific requirements based on occupations, semi-technical and technical curricula. Students pursue this degree in order to obtain training for immediate employment in business or industry.

THE ASSOCIATE IN LIBERAL STUDIES (ALS) DEGREE will be awarded to those students who complete a liberal course of study. The ALS degree provides a student with a unique opportunity to develop an individualized program that crosses traditional academic disciplines. This degree permits a student to develop a learning program that may be focused toward a career, personal interest, and enrichment or a combination of these objectives.

CERTIFICATES will be awarded to students who complete the prescribed program model as listed in the catalog. Certificate programs are occupationally oriented and vary from six credit hours to one year of study. Certificate programs requiring less than 16 credit hours are not eligible for federal Title IV financial aid or the Illinois Monetary Award Program grant.

GENERAL GRADUATION REQUIREMENTS

REQUIRED OF ALL STUDENTS IN DEGREE PROGRAMS

Students will be eligible for graduation when they have met all of the following requirements:

1. Met all college admissions requirements.
2. Fulfilled all general and specific requirements in one of the associate degree curriculums listed in the catalog. Associate in Science and Associate in Arts degree major requirements may vary from sample college transfer curriculum depending upon the students' selection of courses to meet four-year college requirements.
3. Accumulated the minimum semester hours required for the specific degree.
4. Accumulated a grade point average of 2.00 (C) in the general and specific requirements for the degree. Only courses at the .040 course level or above will count toward graduation.
 - a. The final grade point average for graduation of students who have made a major career program change only includes those credit hours and grades of courses applicable to meet the requirements of the major.
 - b. The final grade point average for graduation of transfer students does not include grades earned at other institutions for courses accepted toward graduation at Lake Land College. Advanced standing and transfer credit are granted for courses passed in accredited colleges and universities. The college defines accredited as the Higher Learning Commission or other regional accrediting agencies.
 - c. Students enrolled in the Associate Degree in Nursing, Dental Hygiene and Physical Therapist Assistant programs must earn a grade of "C" or higher in all required courses to remain in, and graduate from the program.
 - d. Students enrolled in the Medical Assistant Program must earn a grade of "C" or higher in all MAP Courses and MCS-095 to remain in, and graduate from, the program.
 - e. Students enrolled in the John Deere Tech program must achieve a grade of "C" or higher in all JDA classes and TEC 048 to remain in and graduate from the program. Any student receiving less than a "C" in these classes will be required to withdraw from the program and repeat the class during the next scheduled offering prior to continuing in or graduating from the program.
5. Completed at Lake Land College at least one half of the total number of hours required for the degree. Hours earned through Advanced Placement International Baccalaureate and CLEP do not count toward the one-half. Credits transferred from other colleges are evaluated on a course-by-course basis.
6. Filed a Notice of Intent to Graduate with Admissions & Records by the posted date of the semester in which the student will meet academic graduation requirements.
7. A grade of "C" or better is required in Composition I and II (ENG 120 and ENG 121) to graduate with an Associate in Arts, Associate in Science or Associate in Engineering Science Degree.

REQUIREMENTS FOR MORE THAN ONE ASSOCIATE DEGREE

Students may earn more than one degree if they meet all general and specific curriculum requirements for each degree. However, students completing more than one degree according to catalog requirements in effect prior to Fall 2016, may not earn both an Associate in Science and an Associate in Arts degree.

It is important that students meet with their advisor or counselor to ensure appropriate course selection because not all courses are applicable to a degree, or intended for or accepted as transfer credit to senior institutions.

Students who seek more than one degree from Lake Land College are subject to published deadlines to file a Notice of Intent to Graduate form with Admissions & Records for each degree.

REQUIRED OF ALL STUDENTS IN CERTIFICATE PROGRAMS

Students will be eligible for graduation when they have met all of the following requirements:

1. Met all college admissions requirements.
2. Fulfilled all general and specific requirements in one of the certificate programs listed in the catalog.
3. Achieved a "C" (2.00) or received a grade of P (Pass) average in those courses applicable to meet the requirements of the certificates.
 - a. Students enrolled in the Massage Therapy and Practical Nursing programs must earn a grade of "C" or higher in all required courses to remain in, and graduate from, the program.
 - b. Students enrolled in the Medical Assistant Program must earn a grade of "C" or higher in all MAP courses and MCS-095 to remain in, and graduate from, the program.
4. Completed at Lake Land College at least one-half of the total number of semester hours required for the certificate. Hours earned through Advancement Placement, International Baccalaureate and CLEP do not count toward this one-half. Credits transferred from other colleges are evaluated on a course-by-course basis.

5. Filed a Notice of Intent to Graduate with Admissions & Records by the posted date of the semester in which the student will meet academic graduation requirements.

NOTE: A student who discontinues attendance for a full year or more will be subject to requirements in the current catalog at the time of registration. The student is responsible for proper registration each semester and for satisfying all graduation requirements.

GENERAL EDUCATION GOALS

The purpose of general education is to provide all students with learning experiences that are necessary to enable them to maintain responsible and satisfying relationships to society and the environment. *The General Education Committee with the approval of the Lake Land College faculty has adopted the following as specific goals of general education:*

- ◆ Communication
- ◆ Critical Thinking
- ◆ Problem Solving
- ◆ Diversity
- ◆ Citizenship
- ◆ Foundational Knowledge

IMPROVING HUMAN RELATIONS

It is the policy of Lake Land College to include in its General Education requirements course work on improving human relations. This policy includes improvement in understanding about race, ethnicity, gender, and diversity issues.

Each general education course will address the issues of race, ethnicity, gender, and other issues as they relate to racism and sexual harassment as a part of the discipline. Each discipline will, as a part of the course, develop course work which is appropriate to that area of study.





COLLEGE LIFE

IN THIS CHAPTER:

- ◆ ALUMNI ASSOCIATION
- ◆ ATHLETICS
- ◆ CLUBS
- ◆ HONORS EXPERIENCE
- ◆ HOUSING
- ◆ LAKER POINT
- ◆ PARKING
- ◆ POLICE DEPARTMENT
- ◆ SECOND STORY
- ◆ STUDENT ACTIVITY BOARD
- ◆ STUDENT AMBASSADORS
- ◆ STUDENT GOVERNMENT
- ◆ STUDENT IDS
- ◆ STUDENT LIFE
- ◆ TEXT ALERTS
- ◆ TEXTBOOKS
- ◆ WLKL

STUDENT LIFE

Student Life at Lake Land College is comprised of the Student Government Association, Student Activity Board, Student Publications, intercollegiate and intramural athletics, and clubs. The major funding source for Student Life comes from the Student Activity Fee.

STUDENT GOVERNMENT ASSOCIATION (SGA)

The SGA acts as the official voice of the student body to the college community. This is a popularly elected student organization that provides students with the opportunity to build leadership skills and serve the campus and community as a whole. The SGA provides criteria through which clubs and organizations are recognized by the Lake Land College Board of Trustees. Various events are hosted throughout the year including the High School Leadership Conference, Club Luncheon, Student Recognition Banquet, blood drives and other community service programs.

STUDENT ACTIVITY BOARD (SAB)

The primary function of the SAB is to provide social and cultural events for the college student body. On Wednesdays at 11 a.m., the SAB brings nationally touring comedians, musicians, hypnotists and more to campus. All events are free to students. Events are also held monthly at the Kluthe Center. The SAB allows students to develop creativity and teambuilding skills. SAB members are selected through an application and interview process.

THE NAVIGATOR NEWS

The college newspaper is designated a public forum and is a student-run publication. It functions under the direction of student editors, volunteer staff writers, cartoonists, photographers and advisor. The primary purposes of *The Navigator News* are: to inform students of institutional and local news; to provide students a forum for the sharing of ideas; to expose students to different points of view; to provide journalistic experiences for students; and to serve as a source of entertainment for students. The current issue of *The Navigator News* can be found at thenavigatornews.com.

STUDENT AMBASSADORS

The Student Ambassadors are a group of students who serve as official representatives of Lake Land College. The Ambassadors assist the college by informing prospective students of the opportunities available to them at Lake Land. In addition, they assist with several campus organizations and personnel with special school functions.

To become an Ambassador, students must meet the following criteria:

- ◆ be at least a half-time student for both fall and spring semesters
- ◆ maintain a 2.5 GPA
- ◆ complete an application
- ◆ complete an interview

Once students are selected, they attend training sessions and weekly meetings to learn more about the college. During the school year, the Ambassadors give tours of the campus, attend college/career fairs, visit high schools, and assist with special school functions. Interested students should contact Admissions & Records.

THE HONORS EXPERIENCE

The Honors Experience provides honors students with an excellent academic experience. Honors students are encouraged to apply for the Presidential Scholarship, the Honors Program and Phi Theta Kappa. It is not required to be in all three options, but is highly recommended.

PRESIDENTIAL SCHOLARSHIP

Requirements:

- ◆ Graduate of an in-district high school or high school serving a portion of the district.
- ◆ Meet **one** of the following criteria:
 - ◆ Rank in the top 15 percent of your high school senior class;
or
 - ◆ Have an ACT composite score of 26 or higher or an SAT total score of 1240 or higher.
- ◆ Submit Presidential Scholarship acceptance form.
- ◆ Enroll at Lake Land College full time the fall semester immediately following high school graduation.
- ◆ Once enrolled at Lake Land, successfully complete at least 12 credit hours each semester and maintain a 3.25 semester or cumulative GPA.

Benefits:

The scholarship covers the full cost of tuition for up to two years.

HONORS PROGRAM

Requirements:

- ◆ Apply to the Honors Program.
- ◆ Intend to graduate from Lake Land College with an associate degree.
- ◆ Freshmen applicants must meet one of the following:
 - ◆ graduate in the top 15 percent of their high school class.
 - ◆ have an ACT composite score of 26 or higher or an SAT total score of 1240 or higher.
- ◆ Current student applicants must have 12 college credit hours completed with a 3.25 GPA.

Benefits:

- ◆ Any course has the potential to be honors level.
 - ◆ Graduate with Associate Honors status (2 honors courses) or Full Honors status (4 honors courses) and receive the equivalent notation on a transcript.
-

PHI THETA KAPPA

Requirements:

- ◆ Receive an invitation from a PTK advisor and then register online at ptk.org.
- ◆ Have 12 college credit hours completed at time of registration and intend to graduate from Lake Land College with an associate degree.
- ◆ Have a 3.25/4.0 Lake Land College GPA at time of registration and then maintain a 3.25/4.00.

Benefits:

- ◆ Nationally recognized professional honors collegiate organization, which is excellent for a résumé.
 - ◆ With two or more semesters of local chapter membership members will receive a transcript and diploma notation, as well as recognition at the commencement ceremony.
-

For more information about the Honors Experience, contact honors@lakelandcollege.edu, call 217-234-5044 or visit lakelandcollege.edu/honors-program.

TEXTBOOKS

The Rental System is part of the Bookstore. Lake Land College is among the few colleges and universities across the United States that have a rental system for course materials and textbooks. It is estimated that students save an average of \$1,400 a year using the rental system. All students are required to pay the service fee (see How to Pay for College chapter of this catalog) which includes the purchase and management of course materials for the rental system.

Course materials are issued by the bookstore, subject to the following:

1. Programs with special academic or student needs may require that textbooks be purchased by the student.
2. Consumable items will be purchased by the student.
3. All rented items must be returned to the college by the close of hours on the fifth college business day after the last day of final exams. Beginning on the sixth day, students will be charged new retail price of unreturned rentals.
4. Students will be charged new retail price for defaced or damaged books.
5. Students with unreturned course materials will be restricted from receiving transcripts, restricted from renting items and restricted from any further registration activity until all fines are paid.

STUDENT ID CARDS

Students other than those enrolled in the Dual Credit program or those enrolled in a Correctional Center program will be issued a Student ID. All student IDs are the property of Lake Land College and are provided for appropriate use for identification and access to services. A Student ID is required to rent books from the Bookstore. A student is required to carry the card when on the main campus, at the Kluthe Center, or at an extension center. The student should report a lost or stolen card to the Police Department within 48 hours.

A student is responsible for all transactions with the card until the card is reported missing to the Police Department. A fee will be charged to issue replacement cards. The Lake Land College Student ID is for the student's use only. It is not to be loaned to anyone. Student ID cards are issued both on campus and at the Kluthe Center.

PARKING

Parking is provided for all students in approved parking lots on campus without charge. Reserve parking is available for people with disabilities. Parking is monitored by Police Officers. Unauthorized parking is subject to a fine.

INTERNATIONAL STUDIES

STA 200

Community members can audit the STA 200 study abroad course that discusses cultural differences. STA 200 prepares students for an educational trip.

ATHLETICS

INTERCOLLEGIATE ATHLETICS

The program of intercollegiate athletics is dedicated to the belief that athletic competition complements the existing programs offered by Lake Land College. Athletics is an integral part of the total educational process, which fosters sound educational goals concurrent with those of the college. The college is a member of the National Junior College Athletic Association (NJCAA) and competes in Region XXIV. The NJCAA has a cohesive program for recognition of sports and athletes from two year colleges throughout the nation. Regional and national tournaments are held in all sports. Lake Land College, as a Division I and Division II, NJCAA College, awards athletic scholarships to talented student athletes.

The college program of intercollegiate athletics for men includes basketball and baseball. Women compete in volleyball, softball, and basketball on the intercollegiate level.

INTRAMURAL ATHLETICS

An intramural program, available to both men and women, includes: softball, basketball, volleyball, badminton, bowling and golf.

STUDENT ACTIVITIES

From comedians, musicians, hypnotists, and speakers to great giveaways, free meals and a spring carnival, the college provides students with a wide range of free entertainment and activities to enjoy on campus and at the Kluthe Center.

CLUBS

Several clubs are available for students to participate in such as: Agriculture Business & Production, Agriculture Transfer, Automotive Technology, Pride, Students With a Testimony, Broadcasting Club, Club IT, Collegiate Veterans Alliance, Common Corners, Construction Specification Institute, Cosmetology, Early Childhood Education & Family Services, Environmental Club, Future Educators of America Club, Future Electronics Technicians, Horticulture Club, Human Service Club, Industrial Technology Association, International Students Association, Math and Science, Nursing, Phi Theta Kappa, Physical Therapist Assistant, Post-Secondary Agricultural, Spanish Club, Students Creating Change, and Theater Club.

Information on the Student Government Association (SGA), Student Activity Board (SAB), Navigator, clubs and organizations can be obtained from Student Life, located in the Luther Student Center or from the website.

TEXT NOTIFICATIONS

Students are automatically entered in the college's notification system which sends emails and texts to notify them of class cancellations, emergency weather closings, emergency communication messages or general information/deadline reminders. Students can opt-out of the option to receive texts through IRIS in the Laker Hub.

COLLEGE RADIO STATION WLKL

The Lake Land FM stereo station covers a 35- to 40- mile radius of campus. The station broadcasts alternative music, news, sports and weather 24 hours a day/seven days a week/365 days a year. WLKL is located at 899 on the FM dial, and can be heard online at 899themax.com.

LAKE LAND COLLEGE ALUMNI ASSOCIATION

The Lake Land College Alumni Association is open to anyone who has taken a class at Lake Land College. Membership is free and provides the alumnus with networking opportunities with other alumni as well a quarterly e-newsletter and an annual alumni magazine. We encourage alumni to remain active with their alma mater through various opportunities to serve on divisional advisory boards, mentoring and the Alumni Association Board of Directors. The association also sponsors the Alumni Association scholarship through the Lake Land College Foundation which is awarded to a family member of a college alumnus.

POLICE DEPARTMENT

Lake Land College's Police Department creates a very safe campus environment for students and faculty.

Police officers are on duty 24 hours a day, and provide a full range of law enforcement services to assist in providing students, faculty and staff with a safe and secure environment. The Police Department building is located on the far south end of the campus.

The Police Department provides many services for the Lake Land community including crime awareness programs, escorts, assistance with motorist emergencies, correction of safety hazards, and processing of lost and found items. For assistance, or questions concerning available services, contact the Police Department at 217-234-5432, or 217-234-5066.

In case of an emergency, you may also call 911 from any phone, including pay phones without using coins.

The college's annual security report and other valuable information is located on the police department's web page.

HOUSING

Lake Land College does not maintain housing for students; however, housing is available adjacent to campus and in nearby communities. A listing of vacancies may be obtained from the classified advertising section in local newspapers and the college newspaper The Navigator. A listing of housing opportunities is also available on the college website.

The college provides this information for convenience and assistance, but does not accept responsibility for the nature of the housing facilities. None of the facilities have been examined or approved by college personnel. Neither Lake Land College nor any of its agents or employees assume responsibility for any lease or rental agreements and cannot be held liable for nonpayment or damage.

LAKER POINT

Located in the Luther Student Center, Laker Point is the place for students and staff to go for a variety of breakfast, lunch, dinner and snack choices while enjoying the various student-friendly study and conversation areas. Students can relax, gather with friends, meet with study groups, etc. Computers are available for student use.

Catering for large or small events is available for anyone using Lake Land College facilities. This includes campus departments and organizations along with outside groups using the college's facilities. Anything from full catered meals to simple snack trays can be ordered from one of a variety of approved caterers. For a list of these caterers and a sample of their menu options, please contact the Director of Auxiliary Services at 217-234-5475.

STUDENT FITNESS CENTER

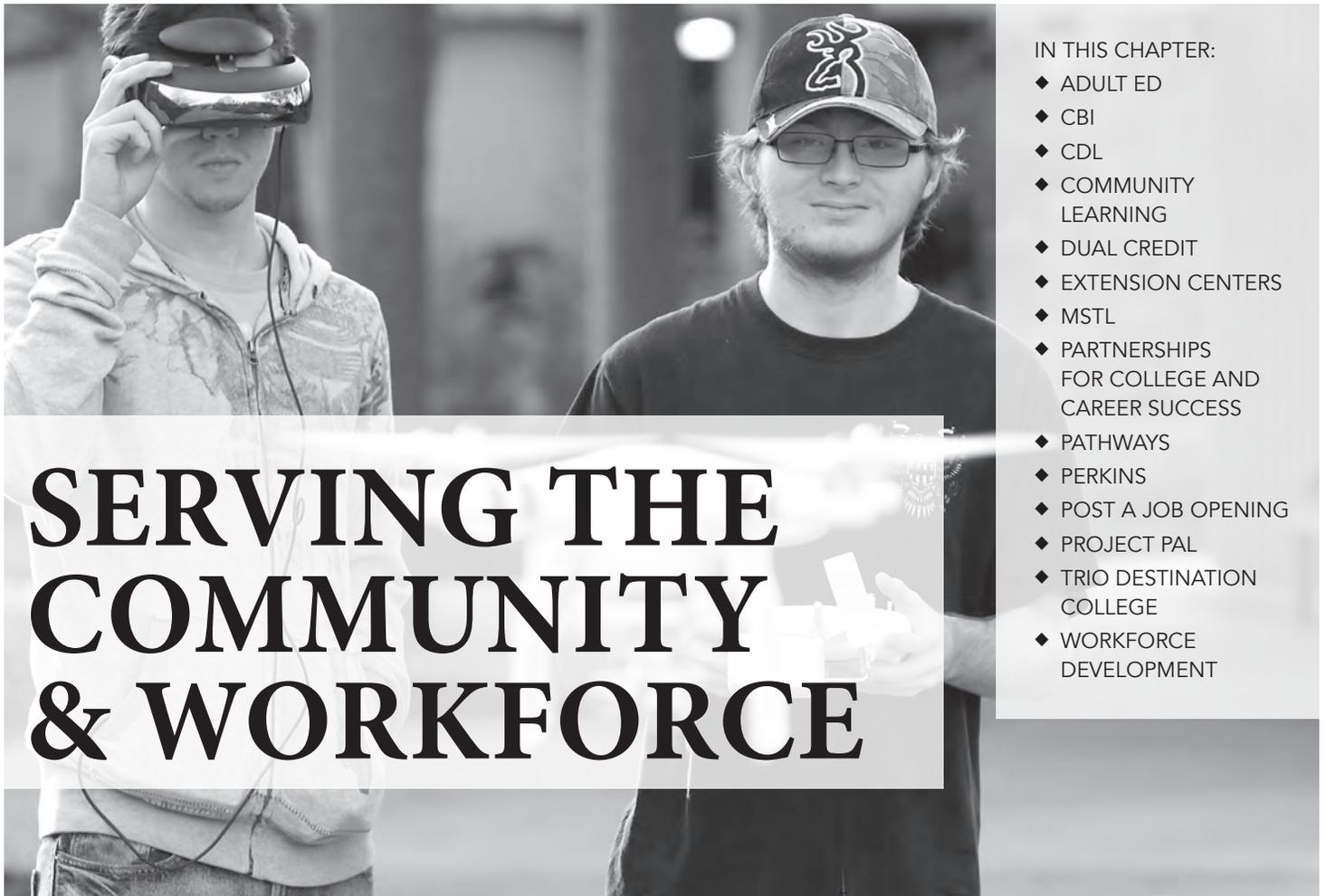
The Fitness Center is equipped with state-of-the-art PRECOR cardio equipment, NAUTILUS circuit training equipment, a free-weight area furnished with PRECOR, NAUTILUS, and TKO weights, and an aerobics room furnished with mirrors, a television, and built-in sound system. The Fitness Center is available for current Lake Land College students and employees as well as retirees to use on a walk-in basis or for a credit class (PED 209 & 210). Hours of operation are posted at lakelandcollege.edu/fitness-center.

FRISBEE GOLF COURSE

The college hosts a frisbee golf course for students and community members to enjoy. The 9-hole course covers 2,558 feet with hole distances ranging from 300-400 feet.

CROSS COUNTRY RUNNING TRAIL

A cross country 5K course is marked on campus for area high school track teams and community members to enjoy.



SERVING THE COMMUNITY & WORKFORCE

IN THIS CHAPTER:

- ◆ ADULT ED
- ◆ CBI
- ◆ CDL
- ◆ COMMUNITY LEARNING
- ◆ DUAL CREDIT
- ◆ EXTENSION CENTERS
- ◆ MSTL
- ◆ PARTNERSHIPS FOR COLLEGE AND CAREER SUCCESS
- ◆ PATHWAYS
- ◆ PERKINS
- ◆ POST A JOB OPENING
- ◆ PROJECT PAL
- ◆ TRIO DESTINATION COLLEGE
- ◆ WORKFORCE DEVELOPMENT

COMMERCIAL TRUCK DRIVER TRAINING

The Commercial Truck Driving training programs provides an opportunity for individuals of all experience levels to earn a CDL, refresh their driving skills and become safer drivers.

Lake Land College offers Class A or B CDL courses for new drivers looking to obtain a CDL, refresher courses for current and past CDL holders, online HAZMAT, tanker, doubles/triples endorsement and CDL permit training and customized training for companies seeking to train current employees.

The CDL program has partnered with multiple local, regional and over-the-road truck driving companies that will pre-hire students, providing students with multiple career opportunities.

Training is conducted at the Workforce Development Center, 305 Richmond Ave. East, Mattoon, Illinois or 224 S. Sixth Street, Marshall, Illinois. For more information about the program, job opportunities and payment options, contact the program coordinator at 1-800-789-1282 or 238-8239.

CENTER FOR BUSINESS & INDUSTRY

The Center for Business & Industry plays a leading role in providing customized employee training and development services to regional employers. The Center for Business & Industry maintains high standards for training program assessment, design, delivery and evaluation. An experienced staff and broad range of services ensure responsiveness to a variety of training needs. Training courses are available on a business site or at the Center for Business & Industry. These include:

- ◆ Comprehensive Leadership Development Programs
- ◆ Organizational and Workforce Development
- ◆ Continuous Process Improvement and Quality Systems
- ◆ Computer Software Applications
- ◆ Manufacturing Skills Training
- ◆ Commercial Drivers Licensing
- ◆ Consulting Services and Strategic Planning Assistance
- ◆ Meeting Room Rentals

The Center for Business & Industry is home to the region's only Manufacturing Skills Training Lab. The lab provides hands-on training for necessary skills in modern manufacturing operations; specific training is available for maintenance technicians, lead/technical operators, or those seeking to advance into these positions. The equipment is portable, offering companies the option of sending employees to the lab or hosting on-site training. Training programs include: mechanical drive systems, welding, fluid power, industrial electricity, programmable logic controllers, electronic drives, robotic systems, fluid power for industry, mechanical systems, welding for industry, CNC machining and process troubleshooting. Lake Land College is a designated training provider for Illinois Manufacturer's Association and Illinois Community College Board grants. Funding assistance may be available to qualifying companies. The Center for Business & Industry is located in the Workforce Development Center, 305 Richmond Ave. East, Mattoon. For more information call 217-235-1282.

POST A JOB OPENING

Career Services provides the CSM (Career Services Manager), an online system, to connect businesses with job seekers and students interested in internship opportunities. The CSM allows employers to post jobs and internships, search uploaded resumes, and register for job fairs – all free of charge. Career Services can also facilitate on-campus recruitment and interview opportunities. Connect with Career Services at 217-234-5288 or careerservices@lakelandcollege.edu.

COMMUNITY AND PROFESSIONAL PROGRAMS

Community Learning is dedicated to setting your vision in motion, with cost effective education. Visit lakelandcollege.edu/learn. Contact Community Learning at conted@lakelandcollege.edu or 217-234-5087.

CONTINUING PROFESSIONAL DEVELOPMENT

Lake Land College is licensed to provide continuing education units for a variety of professionals including educators, massage therapists, dental hygienists and assistants, cosmetologists, estheticians, nail technicians, and nurses. Visit lakelandcollege.edu/learn for a current listing of seminars. Contact Professional Development at conted@lakelandcollege.edu or 217-234-5087.

COMMUNITY LEARNING

Lake Land College offers many special interest courses and trips that are not part of the regular academic degree programs. Anyone may enroll in these courses according to their own interests. These courses are offered in numerous areas including: health and wellness, computer skills, personal enrichment, engaging generations, finances and money, photography, recreation leisure and exercise, renewable energy, test preparation, creative arts and culinary and home.

Community Learning courses are identified by course title in the Lake Land College Magazine. These courses vary in length from one class meeting to several. Visit the website

for listings or contact Community Learning at conted@lakelandcollege.edu or 217-234-5087.

SUMMER COLLEGE FOR YOUTH

Summer College for Youth is a community education program for children kindergarten to high school. The program is designed to provide fresh subject matter, challenging ideas and a positive experience for children.

The subject areas vary each summer in the topics of arts and crafts, food and fun, discover and learn, musical notes, trips and tours, engaging generations, science adventures, sports and recreation and test preparation.

The classes usually meet in the morning or afternoon, Monday through Thursday, for varying weeks during the months of June, July and August.

Visit the website or contact Community Learning at conted@lakelandcollege.edu or 217-234-5087.

TRAFFIC SAFETY PROGRAM

Lake Land College Traffic Safety offers Defensive Driving Courses for individuals who have received a traffic citation in Coles, Cumberland, Effingham, Moultrie or Shelby counties. This DDC-4 course is a four-hour course developed by the National Safety Council. It covers such topics as driving conditions, unsafe behaviors and aggressive driving. It is offered in Effingham, Sullivan, Charleston and Mattoon. There is an online course that is available for an additional fee. If you have received a traffic citation in a county other than Coles, Cumberland, Effingham, Moultrie or Shelby you may still be eligible to enroll.

The Lake Land College Traffic Safety Program also offers the Graduate to Safety Driver Remedial Education Course. Graduate to Safety is a five-hour driver remedial education course for drivers 16-21 years old who have had their license suspended by the Illinois Secretary of State. Participation is required as a condition of license reinstatement. The course is offered in Mattoon. Advanced registration is required and all fees are due at the time of registration. Registration will not be complete until payment has been received. Courses fill on a first come, first served basis and seating is limited.

Visit the website at lakelandcollege.edu/traffic-safety-program/ or contact Traffic Safety at trafficsafetyprogram@lakelandcollege.edu or 217-238-8258.

DISTANCE LEARNING

Distance Learning classes are taught on a two-way full motion interactive video and audio system. The classrooms are equipped with state of the art equipment, providing the instructor and students with the best sound and picture quality. In addition to instruction, the system can connect two or more sites for video meetings and staff development activities.

DUAL CREDIT PROGRAM

Dual Credit is a partnership between Lake Land College and district high schools that provides students the opportunity to earn college credit prior to high school graduation. Dual credit courses are offered in the convenience and comfort of the high school classroom during the regular high school day. Students do not pay tuition for dual credit courses, resulting in significant savings toward college expenses. High schools are charged a fee for dual credit courses and may require students to cover the cost of this fee. Students should check with the dual credit coordinator at the high school about dual credit fees.

Dual credit courses are reserved for high school students who are juniors or seniors, have obtained permission to enroll in college-level courses from their high school, and have a high school GPA of "C" or better. Students enroll in dual credit courses through the dual credit coordinator at their high school. Students enrolling in math or English courses are required to take a placement test or submit SAT/ACT scores to Lake Land College prior to the start of the class. A placement test study guide is available at lakelandcollege.edu/admissions. For more information about the Dual Credit program, call 217-234-5044, 217-234-5397 or visit the Dual Credit website.

PARTNERSHIPS FOR COLLEGE AND CAREER SUCCESS (PCCS)

Partnerships for College and Career Success is an



educational initiative to prepare students for high skill, high wage careers which require technical skills. PCCS students get a head start on college through formal links between area high schools and Lake Land College. High school students may be eligible for waived college courses or preference admission in a competitive college program. Programs included in PCCS are: Associate Degree in Nursing, Dental Hygiene, Paramedic Services, Physical Therapist Assistant, and Practical Nursing. For more information contact your high school guidance counselor or call 217-234-5044.

TRIO DESTINATION COLLEGE

The TRIO Destination College program identifies and assists individuals in targeted middle and high schools who have the potential to succeed in higher education and demonstrate a need for support. The program provides academic, career, and financial aid advisement to its participants to encourage them to graduate from high school and complete a higher education program of their choice.

Destination College annually serves 592 participants in the 6th to 12th grades of 16 area schools.

Destination College participants have the opportunity to take advantage of the following services:

- ◆ Career Exploration – research careers and career site trips.
- ◆ Study Skills – test taking strategies, time management and general study skills.
- ◆ Academic Tutoring – individual or group tutoring services.
- ◆ Parental Education – workshops and information provided to parents.
- ◆ Academic Advisement – guide students to completing high school course work in preparation for college admission.

- ◆ Mentoring – one on one sessions with DC staff to assist participants in overcoming barriers to college.
- ◆ Pre-college Advisement and Application Assistance – benefits of a college education, college admission requirements, research college/university/vocational school options, assistance in completing college applications.
- ◆ College Visits – students travel to various postsecondary institutions in Illinois and surrounding states.
- ◆ Financial Literacy and Financial Aid Assistance – information on the financial aid process and scholarships, assistance completing the Free Application for Federal Student Aid (FAFSA), scholarship research.

Students who may benefit from TRIO Destination College, may contact the program for an application.

For more information, phone 217-234-5003, email: triotst@lakelandcollege.edu.

PATHWAYS TO THE FUTURE

Pathways to the Future is an alternative education program offered by Lake Land College in cooperation with the Regional Office of Education #11 in Charleston and the Regional Office of Education #3 in Effingham. Pathways serves the student population of Lake Land College's district between the ages of 15 and 21 who have dropped out of school or are at risk of dropping out of school.

The program includes preparation for high school equivalency exams, high school transfer credit courses, job-seeking and job-keeping skills, self-esteem enhancement, computer familiarity, parenting skills and vocational skills. The goal for all students is high school completion through a diploma or high school equivalency.

Pathways has five sites located in Casey, Marshall, Mattoon, Effingham, and Shelbyville. There is no cost to the student.

For more information contact the Director of Adult and Alternative Education at the Workforce Development Center, 217-238-8383.

ADULT ED

Adult Education provides students with a variety of services including school equivalency (HSE) preparation classes, at no cost. Students age 17 and older, who are separated from a high school, may attend free HSE preparation classes at the Workforce Development Center in Mattoon, the Kluthe Center for Higher Education and Technology in Effingham, the Eastern Region Center in Marshall, the Western Region Center in Pana, as well as sites in Arthur, Charleston, Paris and Shelbyville.

Many adult students find that earning a HSE diploma is the first step in preparation for returning to school or entering the job market. A HSE graduation ceremony, complete with caps and gowns, is also held each year. Adult Education also provides vocational classes in nursing, welding, computers and food sanitation throughout Lake Land's district.

For more information on the offerings of the Adult Education program, contact Adult Education at 217-238-8292 or adulthoodeducation@lakelandcollege.edu.

EXTENSION CENTERS

Lake Land College's three extension centers allow students to take classes in their own communities.

EASTERN REGION CENTER AT THE FORSYTHE CENTER, MARSHALL

Located in Marshall, the Eastern Region Center at the Forsythe Center offers area residents a variety of general education, welding and technical career courses, as well as business and industry training.

The 8,000-square-foot facility hosts a spacious multipurpose vocational skills lab and classroom, two traditional classrooms, a computer lab and a computer resource area for the community. In addition, area high school dual credit automotive and small engines classes meet at the Center.

Located at 224 S. Sixth St., in Marshall, the facility is available for businesses and community organizations to use for meetings or training opportunities. For more information call 217-826-8490.

KLUTHE CENTER FOR HIGHER EDUCATION AND TECHNOLOGY, EFFINGHAM

Located in Effingham, the Kluthe Center for Higher Education and Technology serves more than 2,000 students each year. Students can choose from general education, Transfer Ready, and Workforce Ready courses that are offered during the day, evening and weekend. The Kluthe Center is one of the largest extension centers in the state and is located at 1204 Network Centre Blvd., off of I-57/70 and exit 162.

The two-story, 24,000-square-foot structure houses full-time programs including: practical nursing, associate degree in nursing, physical therapist assistant, massage therapy, business administration, criminal justice and public safety telecommunicator. The certified nurse assistant program is also offered at the center.

Students may also complete several other certificates or degrees by taking classes only at the Kluthe Center or with a combination of online courses. The center has seven classrooms, a multi-media lab for distance education classes, nursing labs, a physical therapist assistant/massage therapy lab, a science lab, a conference room, a student lounge, computer labs, a resource room, and several offices.

Students can register for classes, meet with a counselor, complete assessment, obtain a student ID and use library resources at the Kluthe Center. Tutoring and online test proctoring services are also available. Adult Education offers GED, English as a Second Language, Pathways alternative high school courses, basic computer and food service sanitation courses. Classrooms and labs are also used for trainings and meetings by area business and community organizations.

The college Student Activity Board sponsors monthly events such as Welcome Day, student elections, mini health fair, Spring Carnival and chair massages at the Kluthe Center.

The college partners with Effingham Unit 40 to offer a short-term welding program in Effingham. Students can complete the program by taking classroom training at the Kluthe Center and welding classes in the evening at the Effingham High School. Office hours are 8 a.m. until 5 p.m. Monday

through Friday. The center is also open evenings Monday through Thursday for online test proctoring. The Resource Room is located on the first floor and is equipped with eight computer stations which are available for public use during normal office hours. Summer hours vary.

For more information, call the Director of the Kluthe Center at 217-540-3555 or email kluthe@lakelandcollege.edu.

WESTERN REGION CENTER, PANA

The Western Region Center offers general education and technical courses to residents living on the western edge of the college district. Courses in basic nursing assisting, practical nursing, English, computers, history, literature and math, psychology and sociology are offered on a regular basis at the Center.

The more than 6,000-square-foot facility, located at 600 E. First St., Pana, shares space with the Pana Adult Education Center and houses six classrooms, a resource area, an administrative assistant's office, and an adjunct faculty office. One classroom is equipped as a computer lab, one is equipped as a nursing lab, one is a CNA classroom for the Adult Education Center, while the rest are larger traditional classrooms. Proctoring services for students taking on-line courses and photo IDs are also available.

A community resource area is available to residents who need access to a computer. Community organizations are welcome to use the Western Region Center for meetings or training opportunities.

For more information call 217-562-5000.



COURSE DESCRIPTIONS

COURSE NUMBERING SYSTEM

The following is a list of courses to be offered at Lake Land College. Courses are listed in alphabetic order by course prefix and catalog number. Departments or areas are listed in alphabetical order with the department or area number indicated in parenthesis. *Numbers represent the following courses:*

001 to 009	Developmental Courses
010 to 039	General Studies Courses
040 to 075	Freshman Vocational and Technical Courses
076 to 099	Sophomore Vocational and Technical Courses
100 to 199	Freshman College Transfer Courses
200 to 299	Sophomore College Transfer Courses

Any exceptions to the numbering system will be noted in the specific curriculum description and at the beginning of the course descriptions for that particular program.

Most courses below 040 do not qualify for Federal Title IV or Illinois Monetary Award (MAP). Contact the Financial Aid office for specific details.

Courses which could come under more than one program are placed in the highest-numbered category possible. Many technical courses are as rigorous as college transfer courses and cover material which parallels a college transfer course offered at four-year colleges and/or universities. It is anticipated that when students who have technical courses listed on their transcripts matriculate to a four-year college or university, personnel in that institution will check the course title and course description and allow the student college transfer credit for such courses if they are parallel. Lake Land College will furnish information regarding specific technical courses when and if needed to verify that the courses are parallel.

The number of semester hours credit is indicated for each course. Courses which require laboratory meetings have the number of class periods and number of laboratory periods indicated under the course title. The time schedule should be checked for the days and times when classes meet.

DEPARTMENTS OR AREAS OF STUDY

Courses are offered in the following departments or areas of study. Each department or area of study has been assigned a prefix.

Department/Area of Study	Prefixes	Department/Area of Study	Prefixes
Adult Education – ABE/GED	AED	Independent Study	INS
Agriculture	AGR	Industrial Maintenance	IND
Allied Health	AHE	Information Literacy	LIB
Anthropology	ANT	Information Technology Training	ITT
Art	ART	Intensive English Language	IEL
Associate Degree Nursing	ADN	John Deere Tech	JDA
Automotive Technology	AUT	Journalism	JOR
Bio-science	BIO	Law Enforcement	CJS
Building Construction Technology	BCT	Literature	LIT
Business	BUS	Machine Tool Technology	MTT
Chemistry	CHM	Manufacturing Maintenance	MMP
Civil Engineering Technology	CET	Massage Therapy	MAS
Commercial Drivers License	CDL	Mathematics	MAT
Computer Aided Drafting	CAD	Mechanical Electrical Technology	MET
Computer Information Systems	CIS	Medical Assistant	MAP
Computer Integrated Manufacturing	CIM	Medical Coding Specialist	MCS
Cosmetology	COS	Music	MUS
Criminal Justice	CJS	Philosophy	PHI
Dental Hygiene	DHY	Physical Education	PED
Early Childhood Education	ECE	Physics	PHY
Earth Science	ESC	Physical Therapist Assistant	PTA
Economics	ECO	Political Science	POS
Education	EDU	Practical Nursing	PNC
Electronics Engineering Technology	EET	Print Technology	PMT
Emergency Medical Services	EMS/EMT	Programmable Logic Controller	PLC
English	ENG	Psychology	PSY
English As a Second Language	ESL	Radio-TV Broadcasting	RTV
Esthetics	EST	Reading	RDG
Foreign Language	FLG	Recreation	REC
Geography	GEO	Service Learning	SLN
Geospatial Information Systems	GIS	Social Science	SOS
Health Education	HED	Sociology	SOC
Heating, Ventilation, A/C and Refrig. Technology	HVC	Strategies for Success	SFS
History	HIS	Study Abroad	STA
Horticulture	HRT	Speech-Theatre Arts Technology	SPE
Human Services	HSP	Telecommunications	TEC
Humanities	HUM	Tutoring and Testing	TEL
		Welding	TUT
		Wind Technology	WEL
			WND

COURSE FEES

Some courses require payment of a course fee. Course fee levels are listed below while specific course fee levels are listed with the course description.

Course fee levels are subject to change.

Level 1 ♦ Fees start at \$25

Applied to courses using limited equipment and/or supplies with equipment not rapidly becoming obsolete.

Level 2 ♦ Fees start at \$50

Applied to most courses using computers or other highly specialized equipment in a rapidly changing technology and courses using large amounts of supplies.

Level 3 ♦ Fees start at \$75

Applied to courses requiring very expensive equipment or very high usage of supplies.

Level 4 ♦ Fees start at \$76

Applied to courses requiring very expensive equipment and very high usage of supplies, rental of facilities and equipment, great distances traveled to visit S.O.E. students, etc.

▼ Courses with this symbol are repeatable. See page 201 for more information.

ADULT BASIC EDUCATION (ABB---) AND (ABB---)

A complete list of Adult Education classes is available by calling 217-238-8292.

AGRICULTURE (AGR---)

AGR 014

Agriculture Update

Study of current agricultural trends and techniques in the areas of agronomy, agribusiness, animal science, and agricultural mechanization. (1 credits, 1 Lecture)

AGR 019

Cert Crop Advisor Test Prep

This course is designed to prepare individuals to take the State and National Written Exams so they may be Certified Crop Advisor (CCA) Certified. (1.5 credits, 1.5 Lecture)

AGR 040

Agricultural Mathematics

Applications of mathematics as it applies to the operation of grain and livestock farms, agriculture business and agriculture mechanization. (2.5 credits, 2.5 Lecture)

AGR 041▼

Supervised Occupational Exp I

On the job experience as a full-time employee in selected agriculture occupation. Must be in curriculum that degree is awarded. (Repeatable 3 Times) Course Level Fee 3 (3.5 credits, 17.5 Lab/Lab-Discussion)

AGR 042▼

Supervised Occupational Exp II

On the job experience as a full-time employee in selected agriculture occupation. Must be in curriculum that degree is awarded. (Repeatable 3 Times) Course Level Fee 3 (2.5 credits, 12.5 Lab/Lab-Discussion)

AGR 043▼

Supervised Occupational Experience III

On the job experience as a full-time employee in selected agriculture occupation. Must be in curriculum that degree is awarded. (Repeatable 3 Times) Course Level Fee 3 (3 credits, 15 Lab/Lab-Discussion)

AGR 044▼

Supervised Occupational Experience IV

On the job experience as a full-time employee in selected agriculture occupation. Must be in curriculum that degree is awarded. (Repeatable 3 Times) Course Level Fee 3 (3.5 credits, 17.5 Lab/Lab-Discussion)

AGR 046

Introduction to Agricultural Occupations

An introduction to the vast, complex business of agriculture, ways of doing business, guides for success of a person in the agricultural business of farm machinery technology, and familiarizes the student with the preparation for agricultural production, business, and mechanics jobs. (1 credits, 1 Lecture)

AGR 049

OSHA/Ag Mach Safety

Provides an intensified study into agricultural machinery safety. Focuses on why agriculture machinery accidents happen, how they can be prevented, and how to create a safe working

environment. Visual aids are utilized to display effect. (1 credits, 1 Lecture)

AGR 050

Soils

Planned learning activities and experiences designed to cover soil development, functions of soil minerals, soil types, and their class. A major study of soil types in Illinois and Indiana and their conservation practices are included. Course Level Fee 2 (3.5 credits, 3 Lecture, 1 Lab/Lab-Discussion)

AGR 051

Soil Fertility

Enables those involved with soils and crops to make intelligent and efficient use of fertilizer materials available. (2.5 credits, 2.5 Lecture)

AGR 052

Principles of Crop Production

Designed to develop needed skills involved in production of the major field crops in central Illinois and Indiana. Plant growth, crop choice, tillage, planting and sowing for maximum yields are emphasized. Course Level Fee 1 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

AGR 053

Integrated Pest Management

Designed to develop a working knowledge of agricultural chemicals as they are related to herbicides and insecticides. Students should have a working knowledge of calibration and maintenance of agricultural chemical equipment. Identification of major weed species in this area and their control is emphasized. Course Level Fee 1 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

AGR 054

Crop Harvesting/Drying/Storage

Fundamentals of harvesting, drying, and storage. Opportunities of various systems are explored through visitations at different sites and systems. Course Level Fee 1 (2.5 credits, 2 Lecture, 1 Lab/Lab-Discussion)

AGR 060

Animal Husbandry

Prepares students with a basic understanding of livestock care, production and management from selection through breeding and marketing of beef and dairy cattle, swine and sheep. Emphasis is placed on confinement plans and new trends. Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

AGR 061

Livestock Evaluation

Detailed study of beef cattle, dairy cattle, swine, sheep, and horse selection. This laboratory oriented course allows students to appraise livestock, viewing positive and negative selection points, and pays particular attention to judging. Course Level Fee 2 (3 credits, 1 Lecture, 4 Lab/Lab-Discussion)

AGR 062

Advanced Livestock Evaluation

Provides an advanced study of beef, swine, and sheep selection. Both live animal and performance record analysis will be incorporated utilizing a combination of visual and genetic potential appraisal. Special emphasis will be placed on oral reasons. Course Level Fee 2 (3 credits, 1 Lecture, 4 Lab/Lab-Discussion)

AGR 063

Animal Nutrition

Covers fundamental principles of livestock nutrition with an understanding of the mono-gastric and ruminant digestive system, essential nutrients, feed ingredients and additives, and balancing of rations. Private and commercial feed sales implications are included. (2.5 credits, 2.5 Lecture)

AGR 064

Beef/Dairy Production Skills

Prepares students with the necessary skills required in modern cattle production, the different methods and tools used to perform these skills and a close inspection of handling facilities. Course Level Fee 1 (1.5 credits, 1 Lecture, 1 Lab/Lab-Discussion)

AGR 065

A.I. Management-Cattle

Provides a basic understanding of reproductive physiology and trains individuals to artificially inseminate beef or dairy cattle. Explains and gives hands-on experience in actual insemination producers. Course Level Fee 4 (1.5 credits, 1 Lecture, 1 Lab/Lab-Discussion)

AGR 066

Meat Science

Provides a basic understanding of meat classification and grading. Emphasis is placed on the live evaluation of beef, pork, and lamb. Following harvest the carcasses will be evaluated for consumer acceptability. Course Level Fee 2 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

AGR 067

Livestock Merchandising I

This course is a study in the planning and execution of a successful online livestock sale including topics on the diverse options of merchandising purebred and commercial livestock. Course Level Fee 1 (1.5 credits, 1.5 Lecture)

AGR 071

Swine Reproduction and A.I.

Trains individuals to understand reproductive physiology, semen collection and artificial insemination. Course Level Fee 1 (1 credits, 1 Lecture)

AGR 078

Equine Care and Management

A survey of issues for the horse owner addressing basic equine care and management including health, farrier science, nutrition, stable management, equine equipment, and buying, selling, riding and training horses. Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

AGR 079

Equine Training Techniques

Prerequisite: Previous Riding Experience

Focuses on the psychology and physiology involved in training and riding. Study includes progressive training schedules, motivation and response to rider cues. The course examines various equine training techniques and exercises. Course Level Fee 2 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

AGR 080**Ignition & Electrical Systems**

Designed to develop a working knowledge of the concepts and components of farm power and machinery electrical systems. Discusses basic electrical principles of electromagnetism and use of electrical test meters including the repair of ignition and charging systems. Course Level Fee 1 (3.5 credits, 2 Lecture, 3 Lab/Lab-Discussion)

AGR 082**Advanced Electrical Systems**

Prerequisite: AGR 080

Designed to increase knowledge in electrical systems. After completion of this course, students will be able to properly use service equipment to diagnose electronically controlled monitor systems and components on tractors and harvesting equipment. Course Level Fee 3 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

AGR 083**Small Engines**

Designed to develop a working knowledge of types of gas engines, systems in a gas engine, components of systems, principles of operations, care, maintenance, repair, and adjustment of gas engines. Course Level Fee 3 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

AGR 086**Adjusting New and Used Mach**

Designed to teach the basic fundamentals of the operating principles and adjustments of combines and bailers. Course Level Fee 3 (2.5 credits, 1.5 Lecture, 3 Lab/Lab-Discussion)

AGR 087**Diesel Fuel Systems**

Prerequisite: AGR 083

Provide basic understanding of diesel engine fuel systems and operation. Students will learn diagnosis, removal of diesel pumps, and injector repair. Course Level Fee 3 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

AGR 088**Ag Trans & Power Trains**

Covers standard and automatic transmissions, their gears and gear ratios, application and use, service requirements, and adjustments in farm power equipment and machinery units. Course Level Fee 3 (3.5 credits, 2 Lecture, 3 Lab/Lab-Discussion)

AGR 089**Tractor Overhaul**

Prerequisite: AGR 083

Designed to develop students' skills necessary to successfully overhaul a gas, liquid propane, or diesel farm equipment engine. Students will be able to accomplish disassembly and assembly procedures, measure parts for wear, engine overhaul, and tune-up and break-in procedures. Course Level Fee 3 (6 credits, 3 Lecture, 6 Lab/Lab-Discussion)

AGR 090**Principles of Agri Mechanics**

Covers the fundamentals of basic preventive maintenance for tractors and familiarizes the student with setting and adjusting sprayers, tillage equipment, planters, and combines. Course Level Fee 2 (2.5 credits, 2 Lecture, 1 Lab/Lab-Discussion)

AGR 091**Hydraulics**

Covers theory and principles involved in hydraulics and their application to the mechanization and maintenance of farm power machinery. Course Level Fee 3 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

AGR 092**Advanced Hydraulics**

Prerequisite: AGR 091

Provides an in-depth study of hydraulics and its functions in mechanization. This course looks specifically at John Deere, Case-IH, Deutz-Allis, and Ford systems. Emphasis will be placed on theory of operation, diagnosis, and repair of machinery manufacturers' equipment. Course Level Fee 3 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

AGR 094**Ag Machinery Air Conditioning**

Focuses on the theory of air conditioning, diagnosis of problems, and the safe handling of air conditioning material. Extensive hands-on is provided for diagnosis, service procedures, and agricultural air conditioning component repair. Equipment that will be covered will be two and four-wheel drive tractors, combines, and fertilizer applicator trucks. Course Level Fee 3 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

AGR 095**Agriculture Institute I**

Designed for elementary and secondary teachers to provide for an essential background in the agriculture industries. The course focuses on the development of lesson plans to meet required learning standards and implementation within curricula. (2 credits, 2 Lecture)

AGR 096**Agriculture Institute II**

An extension of Ag Institute I, it is once again designed for elementary and secondary teachers. This course focuses intensively on the impact of agriculture industries and new technologies on society. Lesson plans and methods for delivering information will be discussed. (2 credits, 2 Lecture)

AGR 097**Planting and Tillage Equipment**

Covers the theory and principles of operation, set-up and adjustment, troubleshooting, and repair of major brands of planters, drills, field cultivators, and primary tillage equipment. Course Level Fee 1 (3 credits, 1.5 Lecture, 3 Lab/Lab-Discussion)

AGR 098▼**Agriculture Institute III**

An extension of Ag Institutes I & II this course focuses intensively on the impact of urban agriculture and its industries, agriculture communications, and alternative energy. Lesson plans and implementation within curricula will be discussed. (Repeatable 2 Times) (2 credits, 2 Lecture)

AGR 111**Intro to Agriculture Software**

Use of computers in farm and agri-business management with emphasis on commercially available software for accounting, budgeting,

record keeping and market analysis. Course Level Fee 2 (2 credits, 2 Lecture)

AGR 112**Computer Applic/Agriculture****IAI AG 913**

Covers the effective use of keyboard, manipulating agriculture files, using word processors, spreadsheets, database and presentation software, and discovering available agriculture software for accounting, budgeting, record keeping, and market analysis. Course Level Fee 2 (3 credits, 3 Lecture)

AGR 120**Agriculture Economics**

An introduction to basic economic concepts of the agricultural sector with emphasis on costs, revenue, price determination, supply and demand, and farm policy. (3 credits, 3 Lecture)

AGR 121**Farm Business Records**

An introduction into basic farm record keeping. Prepares students to compile records associated with specific farm enterprises. Record analysis is emphasized for farm efficiency measures. (2.5 credits, 2.5 Lecture)

AGR 122**Farm Management**

Economics principles applied directly to the organization and operation of midwest farms are discussed. Management effectiveness in cropping and livestock systems and resource utilization for maximum profit are stressed. (2.5 credits, 2.5 Lecture)

AGR 123**Marketing of Ag Products**

An introductory course covering farm marketing strategies, futures markets, cash markets for livestock and grain, and general problems in pricing major agricultural commodities. (2.5 credits, 2.5 Lecture)

AGR 124**Farm Credit and Finance**

An introduction to financing statements, capital and credit needs of farmers, sources of credit, and problems of borrowers and lenders. (2 credits, 2 Lecture)

AGR 131**Agriculture Business Financing**

Covers the use, sources, and methods of obtaining credit as it applies to farming and the farm supply business. (2 credits, 2 Lecture)

AGR 132**Retailing/Agri Supplies**

Covers the practical application of retailing as it affects farm business supplies by divisions merchandising, sales, promotion, personnel control and operation. (2 credits, 2 Lecture)

AGR 133**Agriculture Salesmanship**

Covers the basic principles underlying the sales process in agricultural farm supply and practical application and development of sales techniques. Basic to the course is an understanding of the salesperson's obligation to self, his or her company, and his or her customer. (2.5 credits, 2.5 Lecture)

AGR 134**Business Analysis/Records**

An analytical approach to financial statements and records of agricultural business, implications and decisions made on the basis of these records. (2 credits, 2 Lecture)

AGR 141**Introduction to Agroecology**

This course introduces ecological principles as they relate to agriculture, and includes sustainable food production systems and concepts of agroecology. Also emphasized is discussion of population ecology and plant demographics, as well as the conversion from conventional to alternative production. (3 credits, 3 Lecture)

AGR 143**Organic Crop Production**

Organic crop production will explore the history, production, harvesting, storage, and marketing of products. State and federal laws as they relate to organic crop production will also be discussed. Course Level Fee 1 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

AGR 145**Biological Pest Management**

Biology of pest management will discuss the pest concerns of an organic production system. The discussion will include identification, prevention, and approved control measures within an organic system. Course Level Fee 1 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

AGR 151**GPS/Applications in Ag**

This class is designed to provide students the opportunity to become familiar with global positioning systems as they relate to agriculture and develop a working knowledge of variable rate systems. Course Level Fee 1 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

AGR 152**Intensive Crop Scouting**

Scouting skills are taught with emphasis on insects and plant diseases. Life cycles, prevention and control measures are discussed. Course Level Fee 1 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

AGR 154**CDL Training**

This class will prepare students to take the CDL drivers license exam. Rules and regulations including the performing of safety checks will be covered. (2 credits, 2 Lecture)

AGR 174▼**Agriculture Institute IV**

An extension of Ag Institutes I, II, & III this course focuses intensively on renewable energy and the impact on agriculture and the growing energy needs of our society. Lesson plans and implementation within curricula will be discussed. (Repeatable 3 Times) (2 credits, 2 Lecture)

AGR 201**Intro/Agriculture Education****IAI AG 911**

A general introduction into the various aspects and natures of the teaching profession. Opportunities and responsibilities are

explored through individual work and site visitations. Evaluations are made to evaluate an individual's potential to teach. (3 credits, 3 Lecture)

AGR 204**Prin/Field Crop Science****IAI AG 903**

Designed to develop a working and scientific knowledge of modern crop production as a germination, growth, reproduction, tillage, and weed control of agricultural field crops. Emphasis is also placed on fertility, diseases and insects. Course Level Fee 2 (4 credits, 3 Lecture, 2 Lab/Lab-Discussion)

AGR 205**Intro/Soil Science****IAI AG 904**

Application of the basics in the physical, chemical, and biological aspects in soils. Soils of Illinois and Indiana are emphasized along with concepts of fertility, conservation, and field descriptions. Course Level Fee 2 (4 credits, 3 Lecture, 2 Lab/Lab-Discussion)

AGR 206**Intro/Animal Science****IAI AG 902**

Focuses on a study of beef, swine, sheep, poultry, and horses; and the scientific factors affecting nutrition, selection and genetics, products, environment, and physiology. Course Level Fee 2 (4 credits, 3 Lecture, 2 Lab/Lab-Discussion)

AGR 207**Intro/Ag Economics****IAI AG 901**

Principles of economics applied to problems in agriculture, marketing of agricultural products, agricultural policy, and the role of agriculture in the U.S. and world economies. (4 credits, 4 Lecture)

AGR 208**Intro/Ag Mechanization****IAI AG 906**

Study of problems and laboratory exercises pointing to present and potential engineering applications in agriculture are presented. Emphasis is placed on farm power and machinery, soil and water control, electricity, and structures. Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

ALLIED HEALTH (AHE---)**AHE 040****Basic Nurse Assisting**

This course is approved by the Illinois Department of Public Health (IDPH) to provide instruction in basic nursing skills in the classroom, laboratory and clinical settings. Students who successfully complete the course will be eligible to take the State of Illinois certified nursing assistant (CNA) examination. Course Level Fee 2 (8 credits, 6 Lecture, 4 Lab/Lab-Discussion)

AHE 041**Medical Terminology**

Focuses on basic vocabulary used in medicine, nursing and allied health occupations. (3 credits, 3 Lecture)

AHE 042**Advanced Medical Terminology**

Prerequisite: AHE 041 or consent of instructor

Builds and enlarges on basic medical vocabulary used in medicine, nursing and allied health occupations. (3 credits, 3 Lecture)

AHE 043**Alzheimer's Disease-Upgrade**

Prerequisite: Nurse Aide Certificate or consent of instructor

Prepares students for nurse assistant roles. Meets requirements for Illinois Department of Public Health for Alzheimer's Disease Time Requirements. (1 credits, 1 Lecture)

AHE 044**Pathophysiology**

This course provides basic concepts of both structural and functional changes caused by disease in tissues and organs as a basis for understanding clinical manifestations and principles of treatment. (3 credits, 3 Lecture)

AHE 045▼**Professionalism in Health Care**

This course provides students with the skills essential in developing and strengthening professional traits and behaviors. This course will advance students' understanding of professional, ethical, legal aspects as they apply in the health care setting. (2 credits, 2 Lecture)

AHE 047**Phlebotomy Techniques**

This course prepares students for the role of a phlebotomist including all aspects of specimen collection and processing while maintaining high standards of professionalism. (4 credits, 4 Lecture)

AHE 048**Phlebotomy Practicum**

Prerequisite: AHE 047

This course provides intense clinical training in a patient care environment to achieve the skills required to become a competent and professional phlebotomist. Upon completion, student is eligible to take the PET (ASCP) certification exam. Course Level Fee 3 (2 credits, 2 Lab/Lab-Discussion)

AHE 050▼**Physical Therapy Aide**

This course will prepare a CNA to work under the supervision of a PT or PTA and assist them in the care of a patient in a rehabilitation/physical therapy setting. (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

AHE 051▼**Health Science Careers**

This course will explore in-depth, health career pathways, educational and aptitude requirements and occupational opportunities needed by health care workers. (Repeatable 1 time) (3 credits, 3 Lecture)

AHE 052▼**Acute Care for the CNA**

This course is for students who are currently listed on the IDPH Healthcare Worker Registry as a CNA. This course will prepare a student to work in a hospital based acute care setting. (Repeatable 1 time). (3 credits, 1.5 Lecture, 3 Lab/Lab-Discussion)

AHE 054▼

Home Health Care

This course is for students who are currently listed on the IDPH Healthcare Worker Registry as a CNA. This course will provide students with the skills and knowledge needed for employment as a home health care aide. (Repeatable 1 time). (4 credits, 4 Lecture)

AHE 055

Math for Meds

This course will prepare the student to perform drug calculations safely and accurately. Students will be introduced to identification and administration of oral and parenteral medications. (2 credits, 2 Lecture)

AHE 057

Pharmacology for Coders

This course provides an overview of pharmacology and assists the medical coder to recognize drug forms, identify administration routes, and therapeutic uses, read the prescription, and identify drug categories, generic and trade names and associate drugs with clinical applications. (3 credits, 3 Lecture)

AHE 086

Exploring Allied Health Careers

Designed for elementary and secondary teachers to provide information about the careers available in Allied Health. Will include information about new technologies in health careers. (3 credits, 3 Lecture)

ANTHROPOLOGY (ANT---)

ANT 200

General Anthropology

IAI S1 900N

The course provides an introduction to cultural and physical anthropology. Human and animal behavior is studied by using the comparative method. Some of the topics covered are: religion, magic, kinship, sex roles, human evolution, race, archeology and primates. (3 credits, 3 Lecture)

ART (ART---)

ART 100

Drawing I

Fundamental concepts and application of techniques of drawing, using a variety of media. Studies from nature and life-leading to an interpretative approach to understanding the visual environment. Course Level Fee 3 (3 credits, 6 Lab/Lab-Discussion)

ART 105

Photography I

An introductory course that covers the basic principles and techniques of black and white photography including: equipment use, exposure control, film processing and printing, and the aesthetic concerns as a fine art medium. Course Level Fee 3 (3 credits, 0 Lecture, 6 Lab/Lab-Discussion)

ART 110

2-D Design

A comprehensive study of the elements and principles of a two-dimensional design. Experience with a variety of materials and techniques. Course Level Fee 3 (3 credits, 6 Lab/Lab-Discussion)

ART 111

3-D Design

A foundation studio course concerned with understanding how to manipulate basic elements and principles of design to develop visual images that exist in real space. A variety of experiences using different tools and media will be used to understand both the processes and products of 3-D design. Course Level Fee 3 (3 credits, 6 Lab/Lab-Discussion)

ART 161

Printmaking I

Prerequisite: ART100 is required; ART 110 is recommended

Introductory Printmaking course covering various printmaking techniques, such as: Woodcut, Linocut, Etching, Monotype/Monoprint, Collagraph and Silkscreen. Lectures and demonstrations will cover printmaking history and current trends. Competency in drawing and design required, in order to achieve concepts, compositions and craftsmanship. Course Level Fee 3 (3 credits, 6 Lab/Lab-Discussion)

ART 165

Fundamentals of Art

A comprehensive overview of vocabulary and theories involving the elements and principles of design used in creating visual art with a studio experience geared to students pursuing a child care or elementary education degree. Course Level Fee 3 (3 credits, 1 Lecture, 4 Lab/Lab-Discussion)

ART 200

Drawing II

Prerequisite: ART 100

Continued study of concept and technique of drawing; emphasis on developing individual expression through a conceptual approach and drawing from life. Course Level Fee 3 (3 credits, 6 Lab/Lab-Discussion)

ART 205

Painting

Prerequisite: ART 100

Introduction and application to opaque painting media; color mixing, canvas stretching and framing, composition, techniques, and styles of expression. Course Level Fee 3 (3 credits, 6 Lab/Lab-Discussion)

ART 206

Painting II

Prerequisite: ART 205

This course is a continued study of conceptual and technical aspects of opaque painting media, canvas stretching and framing, composition and styles of expression. Emphasis will be on individual expression through abstracting from observation and utilizing painting as expressive communication. Course Level Fee 3 (3 credits, 3 Lecture, 6 Lab/Lab-Discussion)

ART 225

Ceramics I

A studio art course which explores different methods of working with the media clay. The basic hand building methods of pinch, coil, slab and mold and an introduction to throwing pottery on the wheel will be covered as well as instruction on different methods of surface decoration. Developing good craftsmanship as well as creative inventiveness will also be explored. Course Level Fee 3 (3 credits, 6 Lab/Lab-Discussion)

ART 240

Art and Gender

IAI F2 907 D

Prerequisite: ENG 120

This course will examine the expression of the visual arts through gender, history and culture. The study of art and gender is covered to better understand and define the intent and creation of art forms from ancient to contemporary culture. (3 credits, 3 Lecture)

ART 250

Understanding Art

IAI F2 900

A survey of the visual arts from Ancient to contemporary times, an understanding of the major cultural and historical relationships to the art forms. (3 credits, 3 Lecture)

ART 260

Art History I

IAI F2 901

The primary focus of this course will involve an understanding of the historical developments of the visual arts (painting, sculpture, architecture) from Pre-historic through the Gothic period. Works of art will be examined as expressions of ideas, beliefs and practices of artists, cultures and societies. The relationship between the style, symbolism and function of art; the political, religious and philosophical ideas supporting them; and the ideals of the culture that produced them will also be explored. (3 credits, 3 Lecture)

ART 261

Art History II

IAI F2902

The study of the historical development of art from Pre-Renaissance through the 21st Century. Beliefs and practices of cultures and societies will be examined. Style and symbolism combined with political, religious and philosophical traits will be explored through art. (3 credits, 3 Lecture)

ASSOCIATE DEGREE NURSING (ADN---)

ADN 040

Nursing I

Prerequisite: Admission to the ADN Program

This course introduces the role of registered nurse as care provider and interprofessional healthcare team member. A concept-based approach introduces the novice student to knowledge, skills, and attitudes necessary to develop clinical judgment in providing care for diverse populations. Course Level Fee 3 (8 credits, 5 Lecture, 8 Lab/Lab-Discussion)

ADN 042**Nursing II**

Prerequisite: ADN 040

This course further develops the RN role. Nursing concepts are explored at a deeper level. Clinical experiences progress providing students the opportunity to apply knowledge, skills, and attitudes to make sound clinical judgments in providing care for diverse populations. Course Level Fee 3 (9 credits, 6 Lecture, 8 Lab/Lab-Discussion)

ADN 051**Transition to ADN**

Prerequisite: LPN license and Admission into the second level of ADN Program

This course is designed for LPN's transitioning into the associate degree (RN) program. Introduces the LPN to concept-based learning, the Simulation Learning System, care-mapping, and learning at the associate degree level. A skills review is included. Course Level Fee 3 (2 credits, 1.5 Lecture, 0.5 Lab/Lab-Discussion)

ADN 053**Pharmacology I**

Prerequisite: Currently enrolled in ADN 042

Utilizing a concept-based approach, this course introduces the nursing process and the clinical application of drug therapy in prevention and treatment of disease. (1 credits, 1 Lecture)

ADN 060**Nursing Seminar**

Prerequisite: ADN 076
or consent of instructor

Prepares the student for the transition to the role of the graduate associate degree nurse. Employment issues, legal implications, nursing organizations, continuing education, nursing management and current issues in nursing are identified and discussed. (1 credits, 1 Lecture)

ADN 061**Health Assessment**

Prerequisite: BIO 225 and BIO 226

Enhances basic physical assessment skills needed in the healthcare setting. Body systems are examined individually. (2 credits, 2 Lecture)

ADN 074**Pharmacology II**

Prerequisite: Successful completion of Pharmacology I ADN 053

Prerequisite: Currently enrolled in ADN 076

Continuation of ADN 053. Building upon previous knowledge, the nursing process is utilized to apply pharmacology concepts for patients with increasingly complex health conditions. (1 credits, 1 Lecture)

ADN 075**Pharmacology III**

Prerequisite: Successful completion of Pharmacology II ADN 074

Prerequisite: Currently enrolled in ADN 078

Continuation of ADN 074. The nursing process is utilized to apply pharmacology concepts for patients in increasingly complex health conditions to prepare students for entry-level practice. (1 credits, 1 Lecture)

ADN 076**Nursing III**

Prerequisite: ADN 042

This course continues RN role development. Nursing concepts are emphasized as students engage in complex care situations in laboratory and clinical settings to promote knowledge, skills, and attitudes needed to make sound clinical judgments in providing care for diverse populations. Course Level Fee 3 (10 credits, 6 Lecture, 11 Lab/Lab-Discussion)

ADN 078**Nursing IV**

Prerequisite: ADN 076

This course advances RN role development. Synthesis of curricular concepts in the care of complex clients is the focus in the laboratory and clinical settings. Prioritization, delegation, and management are emphasized to prepare students for the nursing workforce. Course Level Fee 3 (10 credits, 6 Lecture, 11 Lab/Lab-Discussion)

AUTOMOTIVE TECHNOLOGY (AUT---)**AUT 048****Intro to Automotive Technology**

This course is a study of chemicals, shop safety and operations, tools and equipment, and careers in automotive technology. Techniques associated with electrical/electronics, heating and air conditioning, engine repair, brakes, steering and suspension, and engine performance will be discussed. Course Level Fee 3 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

AUT 049[▼]**Intro Med/Heavy Truck Maintenance**

Prerequisite: AUT 048

This course is an introduction to medium and heavy duty truck repair. It will focus on safety, hand tools, and general knowledge on how to inspect and do basic maintenance services on trucks and trailers. Course Level Fee 2 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

AUT 050**Engine Repair**

This course is a study of engine design, diagnosis, removal, cylinder head and valve train repair. Short block repair, lubricating systems, cooling systems will be discussed and hands on reassembly of the engine is included. Course Level Fee 2 (5 credits, 2 Lecture, 6 Lab/Lab-Discussion)

AUT 051**Electrical Systems I**

This course is a study of the principles of electricity and electrical circuit design and diagnosing. Covers battery diagnosis and service. Starting Systems diagnosis and repair will be discussed. Course Level Fee 1 (4 credits, 2 Lecture, 4 Lab/Lab-Discussion)

AUT 052**Engine Performance I**

This course is a study of computerized engine control system operation and diagnosis. Focusing on computer networks, sensors and ignition systems beginning with and building on basic ignition systems and culminating

with computerized unit ignition systems. Course Level Fee 2 (5 credits, 3 Lecture, 4 Lab/Lab-Discussion)

AUT 053**Brake Systems**

This course is a study of the hydraulic principles of drum, disc, and ABS brake systems. Diagnosis and repair of power assisted, drum, disc, and antilock brake systems will be discussed. Course Level Fee 1 (4 credits, 2 Lecture, 4 Lab/Lab-Discussion)

AUT 054**Heating and Air Conditioning I**

Prerequisite: AUT 048 and AUT 051
or consent of instructor

A study of heating and air conditioning fundamentals as used on current automobiles, trucks and farm equipment. Practical experience will be provided in diagnosis, repair and service of various types of components. Course Level Fee 2 (3 credits, 1 Lecture, 4 Lab/Lab-Discussion)

AUT 059**Electrical Systems II**

Prerequisite: AUT 048 and AUT 051
or consent of instructor

This course is a study of diagnosis and repair of the charging and lighting systems. A discussion of accessories, including air bags, gauges, will also be covered. Course Level Fee 1 (4 credits, 2 Lecture, 4 Lab/Lab-Discussion)

AUT 075**Supervised Occupational Experience**

Prerequisite: Sophomore standing with at least one year in the automotive program

Designed to promote on the job experience in automotive technology and applying skills & knowledge learned in the program. The employers & supervising instructors work closely with the student in an off campus job site during the summer session. (Variable Credit 0.5/5 credits, 15 Lab/Lab-Discussion)

AUT 076**Auto Transmissions/Transaxles**

Prerequisite: AUT 048 or consent of the instructor

This course is a study of automatic transmissions/transaxles maintenance, diagnosis and adjustment. On board and off board hydraulic control operations and repair are discussed. Course Level Fee 2 (5 credits, 2 Lecture, 6 Lab/Lab-Discussion)

AUT 080**Steering and Suspension**

Prerequisite: AUT 048 and AUT 053
or consent of instructor

This course is a study of steering systems, front and rear suspension systems. It also covers basic wheel alignment, diagnosis and repair culminating in complete four wheel computerized alignment. Course Level Fee 2 (4 credits, 2 Lecture, 4 Lab/Lab-Discussion)

AUT 081**Engine Performance II**

Prerequisite: AUT 051 and AUT 052
or consent of instructor

This course is a study of fuel and exhaust systems, including TBI, PFI, SFI and direct fuel injection. Diesel fuel injection and turbo-

chargers will also be discussed. Course Level Fee 1 (5 credits, 3 Lecture, 4 Lab/Lab-Discussion)

AUT 082

Manual Dr Train and Axles

Prerequisite: AUT 048 or consent of instructor

This course is the study of the diagnosis and repair of clutches, manual transmissions, transaxles and differentials. CV joints, drive shafts, front-wheel drive and four-wheel drive operations will be discussed. Course Level Fee 1 (5 credits, 3 Lecture, 4 Lab/Lab-Discussion)

AUT 083

Engine Performance III

Prerequisite: AUT 081 or consent of instructor

This course is a study of emission control systems. Individual emission control devices including EGR, PCV, AIR, Particulate Filters, DEF systems, catalytic converters, and spark timing controllers are discussed. Course Level Fee 1 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

AUT 089

ASE Test Review

Review of subject material covered by National Institute Automotive Service Excellence Certificate Tests. Assists the technician in psychology of how to take the tests. (2 credits, 2 Lecture)

BIO-SCIENCE (BIO--)

BIO 050

Basic Anatomy & Physiology

This course provides an understanding of anatomical structures and functions of the human body. Course Level Fee 1 (4 credits, 4 Lecture)

BIO 085▼

Special Topics in Bio Science

Designed for elementary and secondary teachers to provide an essential background in the Application of science to a topic of societal interest. Course may be repeated for credit if a different topic is taught. (Repeatable 3 Times) (Variable Credit 0.5/3 credits, 3 Lecture)

BIO 100

Bio Science I

IAI L1 900L

This course provides an introduction to the fundamental processes and structures common to all living things along with their applications to society. Course Level Fee 1 (4 credits, 3 Lecture, 2 Lab/Lab-Discussion)

BIO 111

General Botany

IAI BIO 910

Prerequisite: BIO 100

A survey of the plant kingdom with emphasis on evolutionary advancements and the structure and function of plants and their economic importance. Course Level Fee 1 (4 credits, 3 Lecture, 2 Lab/Lab-Discussion)

BIO 116

General Zoology

IAI BIO 910

Prerequisite: BIO 100

An introduction to the basic concepts of animal life and its diversity. Including: taxonomy, cellular and organismic structure and function, development and economic importance. Course Level Fee 1 (4 credits, 3 Lecture, 2 Lab/Lab-Discussion)

BIO 120

Natural Science

Designed to give practical science experience to students of child care, elementary and special education. Application of course content involved many activities that can be utilized in child care and elementary school settings. Course Level Fee 1 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

BIO 130

Environmental Science

IAI L1 905L

An introductory course dealing with the principles that govern natural environments including man's relationship to them. Part of the course will be conducted in the field observing and measuring various aspects of ecology. Course Level Fee 1 (4 credits, 3 Lecture, 2 Lab/Lab-Discussion)

BIO 150

Biotechnology in Society

IAI L1 906

This course explores the field of biotechnology in a comprehensive overview. Material covered includes the following: history of biotechnology; basic techniques used in biotechnology; current and future impacts of biotechnology; and ethical issues within biotechnology. (3 credits, 3 Lecture)

BIO 160

Introduction to Genetics

IAI L1 906

An introduction to the principles of genetics with emphasis on human heredity. Included are Mendelian genetics, hereditary disorders, gene expression, genetic engineering and population genetics. (3 credits, 3 Lecture)

BIO 212

Vertebrate Zoology

Prerequisite: BIO 100 and BIO 116

Laboratory and field course. An in-depth study of North American vertebrates with emphasis on Illinois species. Includes taxonomy, distribution, habitats, adaptation, and economic importance. Course Level Fee 1 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

BIO 225

Human Anatomy and Physiology I

Prerequisite: BIO 100 or consent of instructor

This course employs the regional approach to human structure and function using human cadavers. First of a two course sequence for allied health majors. Course Level Fee 3 (4 credits, 3 Lecture, 3 Lab/Lab-Discussion)

BIO 226

Human Anatomy and Physiology II

Prerequisite: BIO 225

Continuation of BIO225, Human A & P I.

Emphasis on human anatomy and physiology through the regional approach using human cadavers. Course Level Fee 3 (4 credits, 3 Lecture, 3 Lab/Lab-Discussion)

BIO 235

Microbiology

Prerequisite: BIO 100

This course covers a survey of microorganisms with detailed study of the biology, metabolism, growth, death, genetics, and methods of differentiation of bacteria. Also classification, control of organisms by physical and chemical methods, immunology and diseases are covered. Course Level Fee 3 (4 credits, 3 Lecture, 3 Lab/Lab-Discussion)

BUILDING CONSTRUCTION TECH (BCT--)

BCT 041

Post Frame Construction

Prerequisite: BCT 050 and BCT 045

This course is designed to teach the students proper building construction techniques using a combination of lecture and hands-on experience. Emphasis is placed on job-site safety, framing techniques, window & door installation, roof installation, and siding. Course Level Fee 1 (Variable Credit 2/4 credits, 1 Lecture, 6 Lab/Lab-Discussion)

BCT 045

Plans and Specifications

Enables the student to interpret architectural and engineering working drawings and specifications for residential and commercial construction. Incorporates site visits when possible. (3 credits, 3 Lecture)

BCT 054

Basic Carpentry I

A combination of hands-on experience and classroom activities are utilized to teach the students basic rough carpentry skills including the proper use of tools and modern framing techniques. Course Level Fee 4 (4 credits, 0.5 Lecture, 7 Lab/Lab-Discussion)

BCT 055

Basic Carpentry II

This course further develops the skills learned in BCT 054 and places more emphases on finishing the interior and exterior of residential construction projects. Course Level Fee 4 (4 credits, 0.5 Lecture, 7 Lab/Lab-Discussion)

BCT 062

Architectural Drafting II

Prerequisite: BCT 045 and BCT 050 and TEC 045

Emphasis is placed on residential and small commercial design. Problems presented have varied materials and structural systems. Some emphasis is placed on building code requirements. CAD Incorporated. Enables the student to interpret architectural and engineering working drawings and specifications for residential and commercial construction. Incorporates site visits when possible. Course Level Fee 1 (4 credits, 1 Lecture, 7 Lab/Lab-Discussion)

BCT 064▼

Construction Surveying Layout

Prerequisite: CET 060 and TEC 052

This course will focus on the fundamentals of building layout, grade staking, topographic surveying, the use of a laser level, cut and fill calculations, checking square, and will further develop the leveling and angular measurement skills learned in Surveying I. (Repeatable 3 times). Course Level Fee 2 (3 credits, 1.5 Lecture, 3 Lab/Lab-Discussion)

BCT 076

Architectural Design

Prerequisite: BCT 062

The study of architectural design considerations which influence the energy efficiency of structures. Including project site integration, window orientation, framing techniques, material selection, and HVAC design. Heating and cooling load calculations, labs and computer aided drafting will be utilized. Course Level Fee 1 (4 credits, 1 Lecture, 6 Lab/Lab-Discussion)

BCT 078

Architectural S.O.E.

Enables the student to gain on the job experience in the construction industry. Enables the student to interpret architectural and engineering working drawings and specifications for residential and commercial construction. Incorporates site visits when possible. (Variable Credit 0.5/5 credits, 25 Lab/Lab-Discussion)

BCT 089

Construction Estimating

Prerequisite: BCT 045 and BCT 050

Prepares students to do quantity take offs on material, equipment and labor estimates for building construction. Incorporates computer estimating. Enables the student to interpret architectural and engineering working drawings and specifications for residential and commercial construction. Incorporates site visits when possible. Course Level Fee 1 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

BUSINESS (BUS --)

BUS 056

Marketing Seminar

Corequisite: BUS 057

Enables the student to participate in discussions relating to successful employment. The student must complete a project relating to his/her job. This course is repeatable for credit. (1 credits, 1 Lecture)

BUS 057

Marketing Internship

Corequisite: BUS 056

Provides employment experience in a position consistent with the career objective of the student. The position must be approved by the program director. This fall or spring semester course may be taken as the first or second student internship and is repeatable for credit. (4 credits, 2 Lab/Lab-Discussion)

BUS 059

Medical Insurance and Coding

Introduction to types of medical insurance and procedural and diagnostic coding. Includes preparation of insurance forms, ICD-10-CM

coding, procedural coding using HCPCS system, common insurance carriers and claims processing guidelines, Medicare, Medicaid, and workers' compensation. (3 credits, 3 Lecture)

BUS 060

Automated Ofc Procedures

Students manage office activities using computer software and equipment in a simulated office environment. Students use word processing, electronic mail and calendaring, and other specialized software. Course Level Fee 2 (3 credits, 3 Lecture)

BUS 061

Office Transcription

Prerequisite: BUS 113

Designed to develop skill in transcribing recorded dictation for a variety of business sectors in an efficient manner using proper formats, spelling, and grammar. (2 credits, 2 Lecture)

BUS 062

Legal Transcription

Prerequisite: BUS 113

Designed to develop skills in transcribing recorded legal dictation in an efficient manner using proper formulas, spelling, grammar, and legal terminology. (1 credits, 1 Lecture)

BUS 063

Medical Transcription

Prerequisite: BUS 113 and AHE 041

Designed to develop skills in transcribing recorded medical dictation in an efficient manner using proper formats, grammar, spelling, and medical terminology. (1 credits, 1 Lecture)

BUS 065

Legal Terminology

Gives knowledge and understanding of terms commonly used in the legal profession. (1 credits, 1 Lecture)

BUS 074

Management Seminar

Corequisite: BUS 076

Enables the student to participate in discussions relating to successful employment. The student must complete a project relating to his/her job. This course is repeatable for credit. (1 credits, 1 Lecture)

BUS 076

Management Internship

Corequisite: BUS 074

Provides employment experience in a position consistent with the career objective of the student. The position must be approved by the program director. This fall or spring semester course may be taken as the first or second student internship and is repeatable for credit. (4 credits, 2 Lab/Lab-Discussion)

BUS 078

Management/Marketing Capstone

Prerequisite: Completion of 46 hours in either the Management Degree or Marketing Degree, or by consent of the Management/Marketing Program Coordinator.

Designed as a capstone class for both Management and Marketing majors. Areas of concentration will include current topics

in business, job seeking and keeping skills, organizational politics and diplomacy, and an in depth examination of management/marketing concepts. (1 credits, 1 Lecture)

BUS 079

Professional Development

Designed as a pre-employment course. Areas of study include job search, professionalism, and communications. Course Level Fee 1 (3 credits, 3 Lecture)

BUS 080

Office Professional Seminar

This course is designed to enhance and promote soft skills related to successful employment. Students will also discuss workforce and personal behaviors. (1 credits, 1 Lecture)

BUS 081

Office Assistant Internship

Corequisite: BUS 080

Prerequisite: BUS 079

Designed to provide employment experience in a position using specialized skills. Field experience: minimum of 312.5 hours required of Office Assistant (Executive and Legal) and Office Manager majors. (5 credits, 25 Lab/Lab-Discussion)

BUS 082

Medical Transcriptionist Internship

Prerequisite: Take BUS 063 and BUS 079 and BUS 084 and minimum typing speed of 55 words per minute

Corequisite: BUS 080 speed of 55 words per minute

Designed to provide employment experience in a position that will utilize the specialized skills of the student. Placements will include positions in doctors' offices, hospitals, medical clinics, etc. (3 credits, 15 Lab/Lab-Discussion)

BUS 083

Ofc Asst Internship-Med

Prerequisite: BUS 079 and BUS-115; should be taken concurrently with BUS 080

Designed to provide employment experience in a position that will utilize the specialized skills of the student. Placements will include positions in medical offices, hospitals, and clinics. Field experience: minimum of 312.5 hours. (5 credits, 5 Lab/Lab-Discussion)

BUS 084

Adv Medical Transcription

Prerequisite: BUS 063

Designed to develop skills with realistic dictation with comprehensive terminology in 13 specialties by medical professionals from various ethnic groups. (1 credits, 1 Lecture)

BUS 085

Accounting Process

Develops a foundation and a working knowledge of the basic accounting procedures. Students will work through the accounting cycle. (1 credits, 1 Lecture)

BUS 086

Statistics for Business

Develops a working knowledge of some of the statistical tools used in business analysis and decision making. (3 credits, 3 Lecture)

BUS 087**Accounting Internship**

Prerequisite: Completion of 24 semester hours of credits in the program with a minimum of 2.0 GPA.

Designed to provide employment experience in a position that will utilize the specialized skills of the student. The position must be approved by the accounting program coordinator before the student registers for the course. (3 credits, 15 Lab/Lab-Discussion)

BUS 089**Small Business Management**

Covers entrepreneurship opportunities and challenges facing small business managers including how to conceptualize a feasible business concept, develop a comprehensive business plan, obtain start-up capital, execute the firm's strategy, and maintain financial and inventory control. (3 credits, 3 Lecture)

BUS 090**Prin of Retailing**

Designed for those owning or planning to become owners of a retail business, those involved or planning to become involved in the management function of a retail business, and/or those desiring a general knowledge of retailing as an institution. (3 credits, 3 Lecture)

BUS 091**Prin of Advertising**

Provides an overview of integrated marketing communications, promotional strategy, research, creativity, the role of an advertising agency and other support organizations, media selection and assessment, ethical and regulatory considerations, and budgetary allocations. (3 credits, 3 Lecture)

BUS 092**Principles of Selling**

Covers the various aspects of the personal selling process including organizational buying motives, consumer behavior, approaching the customer, making the presentation, handling objections, techniques for closing the sale, and managing the salesforce. (3 credits, 3 Lecture)

BUS 093**Securities/Investment**

Designed to increase knowledge in investment activities by providing basic information needed for sound personal investment through exploring a variety of investing fields and tools. (3 credits, 3 Lecture)

BUS 094**Business Math**

Covers basic applications of mathematics in the business world percentages, elementary algebra, purchasing, selling, interest, future value, present value, etc. It is designed to reinforce and expand business concepts held by the student through the use of mathematics. (3 credits, 3 Lecture)

BUS 095**Fundamentals of Accounting**

An introduction to basic accounting principles and techniques designed to give the student a general knowledge of accounting practices and terminology. Students will work through the accounting cycle for both a service and retail business. (3 credits, 3 Lecture)

BUS 096**Federal Tax Accounting**

Focuses on a practical study of the fundamentals of taxation and the current federal revenue act as it relates to individuals. (3 credits, 3 Lecture)

BUS 097**Principles of Cost Accounting**

Prerequisite: BUS 151 with grade of C or higher

A study of job order, process and standard cost systems and management's uses of cost information for planning and control. (3 credits, 3 Lecture)

BUS 098**Intermediate Accounting**

Prerequisite: BUS 151 with grade of C or higher

Provides an in-depth study of accounting theory and current practice. Includes the development of accounting theory, the format and content of the financial statements, and emphasizes revenue recognition and assets. (3 credits, 3 Lecture)

BUS 099**Computerized Accounting**

Prerequisite: BUS 095 or BUS 151

A capstone course which reinforces financial accounting concepts and procedures through the use of personal computers and popular commercial software. A comprehensive study of computerized accounting systems in both service and merchandising environments. Course Level Fee 3 (3 credits, 3 Lecture)

BUS 113**Keyboarding**

Development of keyboarding skills on letters, numbers, and symbols keys. Students learn to format and print business letters, memos, reports, and tables using word processing features. Course Level Fee 1 (3 credits, 3 Lecture)

BUS 114**Advanced Formatting**

Prerequisite: BUS 113

Development of skill in formatting business correspondence, reports, forms, and tables to meet mailability and production standards. Instruction on word processing software is integrated throughout the course. Course Level Fee 1 (3 credits, 3 Lecture)

BUS 115**Processing Info**

Prerequisite: BUS 114

Development of skill in processing information using word processing software and applying critical thinking from a variety of office simulations. Advanced formatting skills are further developed through application to specialized office situations. Course Level Fee 1 (3 credits, 3 Lecture)

BUS 120**Business Career Development**

This course covers career development from targeting and researching a business career to preparing employment communications and interviewing. The course also covers business writing techniques, e-mail and memorandum

communication, teamwork, professional development, and business etiquette. Course Level Fee 3 (3 credits, 3 Lecture)

BUS 123**Notetaking**

Develops skills using abbreviated writing in order to take notes quickly and accurately. Provides instruction for beginners who transcribe business letters, memos, and reports quickly in acceptable formatted copy meeting strict mailability standards. (4 credits, 4 Lecture)

BUS 134**Principles of E-Marketing**

This course is a study of how an organization develops and uses its website, e-mail, wireless communication, and social media efforts as part of an effective integrated marketing communication strategy. (3 credits, 3 Lecture)

BUS 141**Business Communications**

Provides students a practical strategy for creating successful communication products used in business. (3 credits, 3 Lecture)

BUS 142**Introduction to Business**

Covers the objectives, organization, and role of business in the free-enterprise system. The course is designed to provide an overview of the field of business and to provide a framework into which specialized fields may be studied. (3 credits, 3 Lecture)

BUS 151**Financial Accounting****IAI BUS 903**

Prerequisite: High School Accounting or BUS 085 or BUS 095 or consent of instructor

A study of the financial statements, the accounting process and the principles and procedures underlying items on the financial statements. (3 credits, 3 Lecture)

BUS 152**Managerial Accounting****IAI BUS 904**

Prerequisite: BUS 151

Designed to use accounting information to help management make decisions concerning product costing, planning and controlling operations in an ever-changing business environment. (3 credits, 3 Lecture)

BUS 200**Legal Environ/Business**

An introduction to legal systems and law, especially the U.S. legal system. Business-legal relationships in the areas of criminal law, torts, product liability, and contracts are examined. Consumer, labor, and environmental law are studied. (3 credits, 3 Lecture)

BUS 247**Principles of Marketing**

Covers the selection of target markets; the controllable variables of the marketing mix including product, place, price and promotion; and the uncontrollable variables including legal environment, economic environment, resources and objectives, cultural environment and the existing business structure. (3 credits, 3 Lecture)

BUS 251

Principles of Management

Provides an overview of how managers utilize planning, organization, leadership, and control in order to ensure that a firm achieves its goals in the most efficient way possible. (3 credits, 3 Lecture)

BUS 281

Business Statistics

IAI BUS 901

Prerequisite: MAT 130

Designed to provide a useful and working knowledge of data analytical skills involving interpretation and communication of descriptive measures, probability theory, correlation, interval estimation, hypothesis testing, simple linear regression, chi-square tests and ANOVA. Includes review of applicable computer software. (3 credits, 3 Lecture)

BUS 285

Labor Relations

Prerequisite: BUS 142 or consent of instructor

A study of the labor and employment laws that have the greatest impact on the relationship between employers and employees, and the strategies managers utilize to maintain an effective level of employee satisfaction. Transfers as elective credit only. (3 credits, 3 Lecture)

BUS 287

Intro to International Business

Prerequisite: BUS 142 or consent of instructor

An introduction to international trade theory and practice, with special emphasis on cultural diversity in the areas of marketing, management, finance, economics, and the environment in which businesses function. Transfers as elective credit only. (3 credits, 3 Lecture)

BUS 290

Human Resource Management

Prerequisite: BUS 142 or consent of instructor

Examines the managerial processes of planning, developing, and controlling human resources within the organization. Special emphasis will be placed on the areas of recruiting, selection, training, labor relations, salary, and benefit administration. Transfers as elective credit only. (3 credits, 3 Lecture)

CHEMISTRY (CHM---)

CHM 085▼

Special Topics in Chemical Science

Designed for elementary and secondary teachers to provide an essential background in the application of science to a topic of societal interest. The course may be repeated for credit if a different topic is taught. (Repeatable 3 Times) (3 credits, 3 Lecture)

CHM 101

Physical Science II

IAI P1 903L

An introductory discussion of chemical principles. Presents a balance between basic knowledge needed to understand the uses

of chemicals and applications of chemicals in everyday life. Course Level Fee 3 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

CHM 111

Concepts of Chemistry

IAI P1 903L

An introduction to the concepts of chemistry where information is presented to students with little background or no prior interest in chemistry and those students who are not interested in abstract or mathematical theories. Course Level Fee 3 (4 credits, 3 Lecture, 2 Lab/Lab-Discussion)

CHM 120

General, Organic and Biochemistry I

IAI P1 902L

Fundamentals of inorganic chemistry including history, atomic theory, bonding, stoichiometry, gases, solids, solutions, chemical equilibria, acids, bases, salts, pH, and electrochemistry. Course Level Fee 3 (4 credits, 3 Lecture, 2 Lab/Lab-Discussion)

CHM 121

General, Organic and Biochemistry II

Prerequisite: CHM 120

Study of organic and biological chemistry for students in allied health programs, agriculture, forestry, and other majors with comparable requirements. Course Level Fee 3 (5 credits, 4 Lecture, 2 Lab/Lab-Discussion)

CHM 150

General Chemistry I

IAI P1 902L, CHM 911

Prerequisite: Take 1 Year of High School Chemistry or CHM 111 or consent of Division Chair

General principles of chemistry for students majoring in chemistry, engineering or science professions. Topics include atomic theory, bonding, stoichiometry, gas laws and thermochemistry. Course Level Fee 3 (4 credits, 3 Lecture, 3 Lab/Lab-Discussion)

CHM 151

General Chemistry II

IAI CHM 912

Prerequisite: CHM 150

Continuation of the General principles of chemistry for students majoring in chemistry, engineering or science professions. Topics include solids/liquids, solutions, kinetics, equilibrium, thermodynamics and electrochemistry. Course Level Fee 3 (4 credits, 3 Lecture, 3 Lab/Lab-Discussion)

CHM 243

Organic Chemistry I

IAI CHM 913

Prerequisite: CHM 151

Corequisite: CHM 253

Fundamental introduction to organic chemistry including a study of hydrocarbons and alcohols with spectroscopy, stereochemistry, and reaction mechanisms. (4 credits, 4 Lecture)

CHM 244

Organic Chemistry II

IAI CHM 914

Prerequisite: CHM 243

Corequisite: To be taken concurrently with CHM 254

This course is a continuation of Organic Chemistry I (CHM243) with focus on carbonyl chemistry, oxidation and reduction, and biomolecules. (4 credits, 4 Lecture)

CHM 253

Organic Chemistry Lab I

Corequisite: CHM 243

Prerequisite: CHM 151

Laboratory course introduces synthesis and the basic techniques for the separation, isolation, purification and identification of organic compounds. Course Level Fee 3 (1 credits, 3 Lab/Lab-Discussion)

CHM 254

Organic Chemistry Lab II

Corequisite: Course is designed for concurrent registration in CHM 244.

Prerequisite: CHM 243 and CHM 253

Laboratory experiments in organic chemistry with a focus on multi-step synthesis. Course Level Fee 3 (1 credits, 3 Lab/Lab-Discussion)

CIVIL ENGINEERING TECHNOLOGY (CET---)

CET 051

Civil Construction I

Study of civil construction including types of projects, personnel, equipment, materials, and methods. Blue print reading and specification interpretation for heavy construction is also emphasized. (3 credits, 3 Lecture)

CET 052

Civil Construction II

Prerequisite: CET 051

Familiarizes the student with basic concepts of construction management with special emphasis on contracts, cost estimating, progress scheduling, engineering economics, and quality control. (3 credits, 3 Lecture)

CET 054

Soils + Aggregates

Prerequisite: TEC 050

A laboratory oriented study of soil and aggregate testing procedures that identify and classify. Course Level Fee 1 (4 credits, 2 Lecture, 4 Lab/Lab-Discussion)

CET 056

PCC Theory and Design

Prerequisite: CET 054 or BCT 054

Discussion of concrete through all stages of design, mix, delivery, placement, and curing with special emphasis on design, proportioning, and field testing. Course Level Fee 2 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

CET 057

Asphalt Theory and Design

Prerequisite: CET 054

Discussion of asphalt paving from plant to paver with special emphasis on testing and proportioning. Course Level Fee 2 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

CET 060

Surveying I

Fundamentals of basic surveying operations such as chaining, leveling and use of the transit and the basic calculations associated with these operations. Course Level Fee 1 (3 credits, 1.5 Lecture, 3 Lab/Lab-Discussion)

CET 062

Surveying II

Prerequisite: CET 060 and TEC 052

Designed to apply the skills learned in Surveying I to practical problems such as closed traverse, area calculations, land surveying, topographic mapping, stadia surveys, and difficult level circuits. Course Level Fee 1 (3 credits, 1.5 Lecture, 3 Lab/Lab-Discussion)

CET 064

Surveying III

Prerequisite: CET 062

Analysis of horizontal and vertical curves, precise control traverses and leveling, and the use of proper surveying coding. Emphasizes the use of total stations, electronic data collection, GPS equipment and engineering software, primarily Microstation. Course Level Fee 2 (3 credits, 1.5 Lecture, 3 Lab/Lab-Discussion)

CET 065

Data Collection for GIS Mapping

Prerequisite: ESC 106 or CET 060

This class is designed to familiarize students with the theory of the global positioning system and data collection methods associated with geographic information systems. Course Level Fee 2 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

CET 075

Supervised Occupational Exp

Enables the student to gain on the job experience in Civil Engineering Technology during the summer session. Course Level Fee 2 (Variable Credit 0.5/5 credits, 25 Lab/Lab-Discussion)

CET 076

Supervised Occupational Exp

Prerequisite: Enrollment in the CO-OP version of the Civil Engineering Technology Program

Enables the student to gain on the job experience in Civil Engineering Technology. (5 credits, 30 Lab/Lab-Discussion)

CET 077

Supervised Occupational Experience

Prerequisite: CET 076

Enables the student to gain on the job experience in Civil Engineering Technology. (6 credits, 30 Lab/Lab-Discussion)

CET 078

Supervised Occupational Experience

Prerequisite: CET 077

Enables the student to gain on the job experience in Civil Engineering Technology. (6 credits, 30 Lab/Lab-Discussion)

CET 079

Supervised Occupational Exp

Prerequisite: CET 078 and sophomore standing in C.E.T.

or Permission of Instructor

Designed to provide the student with work experience in the field while maintaining contact with an instructor for review and assistance. (3 credits, 15 Lab/Lab-Discussion)

CET 081

CAD for Civil Engineering

Prerequisite: CET 082

Basic and Advanced use of Microstation Geopak focusing on 3D drawing use and processing. Along with processing and creating data for Terrain models, Proposed and Existing cross sections for plans, and other Civil Engineering applications. Course Level Fee 1 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

CET 082

Civil Drafting

Prerequisite: CAD 056

Focuses on developing the competence in drafting detailed drawings and the basics of Microstation with special emphasis on interpreting field data to produce highway construction drawings and survey drawings. Course Level Fee 1 (3 credits, 1 Lecture, 4 Lab/Lab-Discussion)

CET 087

Hydraulics/Drainage

Prerequisite: TEC 052

Fundamentals of statics kinematics and dynamic flow; drainage area and volume of flow calculations. (3 credits, 3 Lecture)

COMMERCIAL DRIVERS LICENSE (CDL---)

CDL 010

CDL Recertification

Prerequisite: CDL 040

Designed for the student who has previously passed CDL 040 and who has not driven during the 60-days immediately following graduation. Student will be reissues a current completion certificate as required by most employers to be eligible for entry level employment. (0.5 Credits, 1 Lab/Lab-Discussion)

CDL 011

Illinois Class B Driver License Prep

This course prepares the student with core knowledge and skills needed to pass Illinois Secretary of State Class B written and behind-the wheel licensing tests. Course Fee of \$333. (2 Credits, 1 Lecture, 2 Lab/Lab-Discussion)

CDL 040

Commercial Truck Driver Training

Prerequisite: Be able to read and write the English language well enough to be able to communicate. Must be 18 years of age or older. Must be able to meet the Federal Department of Transportation physical requirements. Have a valid regular driver's license.

As a result of participating in this course, the student will: Illustrate and operate backing up procedures, inspections, and other yard activities. Demonstrate and operate road driving procedures. Course Fee \$1,150. (7 Credits, 3 Lecture, 8 Lab-Lab Discussion)

COMPUTER AIDED DRAFTING (CAD---)

CAD 052

Microstation CAD I

Prerequisite: One semester drafting or instructor consent

Student will learn to use the Integraph Microstation Computer-Aided Drafting system to create simple to moderately complex technical drawings. Course Level Fee 1 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

CAD 056▼

CAD I

Basic Theory of CAD. Student will learn to use a Computer Aided Drafting system to create simple to moderately complex technical drawings. (Repeatable 1 Time) Course Level Fee 2 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

CAD 057

CAD II

This course is a continuation of CAD I (CAD056). Such subjects as Symbol Libraries, Block Attributes, 3 D Design and Solid Modeling. Course Level Fee 3 (3 credits, 1 Lecture, 4 Lab/Lab-Discussion)

CAD 058

CAD Drafting Systems

This course familiarizes the student with the setup, use and features of various CAD systems. Such subjects as operating systems, file management and customizing AutoCAD are also studied. Course Level Fee 2 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

CAD 059

Special Applications of CAD

Prerequisite: CAD 056 or concurrent enrollment

This course is a more in depth study of computer aided design. The student will explore specific architectural and civil applications of CAD and industry requirements using Revit and AutoCad. Course Level Fee 3 (3 credits, 1 Lecture, 4 Lab/Lab-Discussion)

CAD 060

3D Solid Modeling

Prerequisite: CAD 057

This course is an in depth study of three-dimensional solid modeling using different computer aided design programs. The student will learn to create, view, render and plot 3D models, parts and assemblies. Course Level Fee 3 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

CAD 061

3D Parametric Design

Prerequisite: CAD 060

This course is study of three dimensional parametric design and prototype creation. The student will learn to create a family of part designs using parametric modeling CAD software. Creating design prototypes will also be covered. Course Level Fee 3 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

CAD 062▼

Introduction to Solidworks

Prerequisite: CAD 057 or consent of the instructor

This course is a study of three-dimensional solid modeling using the Solidworks system. The student will learn to create, view, render and plot 3D models and assemblies. (Repeatable 3 Times) Course Level Fee 1 (2 credits, 2 Lecture)

CAD 063▼

Wind Energy Design

Prerequisite: CAD 057 or consent of instructor

This course is an in depth study of the mechanical design of wind turbine components. The student will learn to design, prototype, test and improve turbine blades and towers. (Repeatable 3 Times) Course Level Fee 2 (3 credits, 3 Lecture, 2 Lab/Lab-Discussion)

CAD 075▼

Supervised Occupational Exp

Prerequisite: Must have completed 16 semester hours of CAD Certificate Program or CA A.A.S. degree or CAD A.A.S. degree and approval of instructor
Designed to promote on the job experience in CAD technology while applying skills and knowledge learned in the program. The employers and supervising instructors work closely with the student in an off campus job site. (Repeatable 2 Times) (3 credits, 15 Lab/Lab-Discussion)

COMPUTER INFORMATION SYSTEMS (CIS---)

CIS 040▼

Introduction to Computers

An operational oriented course which involves student experience using hardware, software, peripherals, operating procedures, and internet. Designed for novice computer users. (Repeatable 3 Times) Course Level Fee 1 (1 credits, 1 Lecture)

CIS 047▼

Graphic Design Capstone

Prerequisite: CIS 160 and CIS 098 and CIS 092 and CIS 088 and CIS 090 and CIS 051 and CIS 056

This capstone course will integrate InDesign, Illustrator, Photoshop, and Web Page Design concepts. The course features a simulated work environment. Students will complete graphic design applications in print and on the web for a simulated business. (Repeatable 3 Times) Course Level Fee 3 (3 credits, 3 Lecture)

CIS 049▼

Content Management Systems

Corequisite: CIS 099

This course covers the creation and maintenance of a website using a content management system. The course will include, but is not limited to, business content, adding widgets and plugins, blogging, commenting, theme development, and user account setup. (Repeatable 3 Times) Course Level Fee 3 (2 credits, 2 Lecture)

CIS 051▼

Designing for the Web

Prerequisite: CIS 099 and CIS 088 or equivalent experience

Tools, techniques, and design theory for creating well-designed web sites. (Repeatable 3 Times) Course Level Fee 3 (3 credits, 3 Lecture)

CIS 052▼

Visual Basic

Prerequisite: CIS 156 or consent of instructor

Continuation of fundamentals of programming including selection, iteration, and condition structures. Introduction to graphical interface(s) and object-oriented, event-driven applications requiring the use of events, arrays, classes, inheritance, file handling, error handling and more. Also includes ASP.NET applications and ADO.NET applications. (Repeatable 3 Times) Course Level Fee 2 (4 credits, 3 Lecture, 2 Lab/Lab-Discussion)

CIS 053▼

Wireless Networking

Prerequisite: CIS 081

An overview course of wireless LAN technologies and implementations. Course of study includes both theory and configuration of current wireless devices, details of 802.11 standards and discussions of security implementations and concerns. (Repeatable 3 Times) Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

CIS 054▼

PowerPoint

Introduction to the graphic presentation software PowerPoint. The basics of PowerPoint will be covered including creating, editing, and formatting slides. Adding graphic elements, animation and illustrations will also be covered. (Repeatable 3 Times) Course Level Fee 2 (2 credits, 2 Lecture)

CIS 055▼

Word

An introduction to the word processing software package Word that includes creating, editing, and formatting documents. Using tables, graphics, and mail merge will also be covered. (Repeatable 3 Times) Course Level Fee 2 (2 credits, 2 Lecture)

CIS 056▼

Advanced Software Applications

Prerequisite: CIS 160

Advanced instruction in an office suite program with emphasis on advanced topics in word processing, spreadsheet, and presentation software. (Repeatable 3 Times) Course Level Fee 2 (3 credits, 3 Lecture)

CIS 058▼

Specialized Software Applications

Students handle office activities and use career-related software such as a computerized accounting system, desktop publishing, powerpoint, form management, calculator, medical scheduling and invoicing, and legal document preparation. (Repeatable 3 Times) Course Level Fee 3 (3 credits, 3 Lecture)

CIS 060▼

Project Management

An overview of project management as it applies to information technology projects. Project management software will be introduced. (Repeatable 3 Times) Course Level Fee 2 (2 credits, 2 Lecture)

CIS 062▼

Computer Game Development

A practical exploration of video game development using both original programming and modification of existing game code. A variety of game types will be explored and created with the focus being on understanding, exploration and creativity in the development process. (Repeatable 3 Times) Course Level Fee 3 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

CIS 063▼

3-D Computer Animation

An overview and exploration of the different applications and techniques used in the development of 3D models for game, video and web animation. The course will explore a variety of commonly used tools and will identify their strengths and capacities. (Repeatable 3 Times) Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

CIS 065▼

Advanced Game Development

Prerequisite: CIS 062

An in-depth examination of the different game genres available and how to create appropriate content for each. Integration of basic programming and animation skills with more advanced topics will be discussed and developed through several individual and group projects. (Repeatable 3 Times) Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

CIS 066▼

Digital Video Production

An overview course discussing the development of digital video including planning and shooting, editing, titling, effects and animation, soundtrack creation and audio editing and output in DVD, video and the Web. Streaming output will also be discussed. (Repeatable 3 Times) Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

CIS 067▼

Advanced Digital Video Production

Prerequisite: CIS 066

Advanced training in the many aspects of video production will be covered from concept development through final editing and delivery. Emphasis is placed on preproduction skills and techniques and live action direction of talent and crew. (Repeatable 3 Times) Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

CIS 068▼

Computer Appl-Special Topics

Familiarizes the student with a word processing package and a spreadsheet package with emphasis on special topics pertinent to the student population. (Repeatable 3 Times) Course Level Fee 2 (2 credits, 2 Lecture)

CIS 069▼

Advanced Animation and Modeling

Prerequisite: CIS 063

Advanced features of modeling and animation software will be covered including building and character creation, texturing and animation. Emphasis will be placed on the importing of models from the environment and exporting of completed models to other

applications. (Repeatable 3 Times) (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

CIS 070▼

Network Security

Prerequisite: CIS 081

An overview course of security topics as it applies to a typical Server-based network. Course of study includes Security+ Exam content: authentication, remote access, external attacks, intrusion detection, web and email security, and disaster recovery. (Repeatable 3 Times) Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

CIS 071▼

Introduction to Networking

An overview of computer hardware, software, networks, Internet, web applications, systems, security and troubleshooting. To be used as an introduction to the Network Administration program or to supplement another computer-related degree. (Repeatable 3 Times) Course Level Fee 2 (2 credits, 2 Lecture)

CIS 073▼

Survey of Operating Systems

An overview study of Operating Systems from command line systems through 32-bit and 64-bit GUI interface Operating Systems. The broad exposure is appropriate for the beginner, but the depth of study also makes it appropriate for the advanced student. (Repeatable 3 Times) Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

CIS 074▼

IT Seminar

Corequisite: Completion of internship or concurrent enrollment

Places emphasis on the student's on-the-job experiences. Job related aptitude tests as well as job hunting techniques are discussed. (Repeatable 3 Times) Course Level Fee 1 (1 credits, 1 Lecture)

CIS 079▼

Client Operating System

A comprehensive examination of Client Operating Systems. Course of study includes, but is not limited to, Microsoft client operating systems. Topics include installation, configuration, optimization, administration, network integration and other support issues. (Repeatable 3 Times) Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

CIS 081▼

Networking Essentials

An introduction to networking technology for Local Area Networks (LANs), Wide Area Networks (WANs) and the Internet. Designed for those seeking a career in network administration and support or those seeking professional certification. Leads toward Network+ Certification. (Repeatable 3 Times) Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

CIS 083

Systems Design

Prerequisite: CIS 095 and CIS 156 and CIS 052 and CIS 162 and CIS 164

Study of the Systems Development Life Cycle including documentation standards, software packages, data communications and systems conversions will be covered. Emphasis is

placed on analyzing, designing, implementing and documenting a complete system. (Repeatable 3 Times) Course Level Fee 2 (4 credits, 3 Lecture, 2 Lab/Lab-Discussion)

CIS 084▼

Server Operating Systems

Prerequisite: CIS 079

A comprehensive examination of server operating systems. Course of study includes, but is not limited to, Microsoft server operating systems. Topics include installation, configuration, optimization, administration, network integration and other support issues. (Repeatable 3 Times) Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

CIS 085▼

Adv Server Operating System

Prerequisite: CIS 084

An advanced course in the design, installation, configuration, and support of a Local Area Network using the server operating systems and their tools. (Repeatable 3 Times) Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

CIS 087▼

TCP/IP and Routing

Prerequisite: CIS 081

An in-depth study of the TCP/IP protocol and router technology. Topics include installation, configuration, optimization, and administration of routers in an Internet, intranet or LAN environment. Troubleshooting, network integration and other support issues will also be discussed. (Repeatable 3 Times) Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

CIS 088▼

Adobe Photoshop

This course introduces the basics of Photoshop, an image-editing program. These basics include working with layers, selections, color adjustment, paint tools, filters, and type transforming. Images can be downloaded from the web, scanned, created using a digital camera, or created in Photoshop. (Repeatable 3 Times) Course Level Fee 3 (3 credits, 3 Lecture)

CIS 089▼

Advanced Routing

Prerequisite: CIS 087

An in-depth look at the components of the Routing and Switching and the tools that are used in the implementation, configuration, optimization, and troubleshooting of the LAN/WAN environment. (Repeatable 3 Times) Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

CIS 090▼

Adobe InDesign

Adobe InDesign is a desktop publishing software used to create design layouts. Students will integrate text, graphics, charts, and other elements to create documents. (Repeatable 3 Times) Course Level Fee 3 (3 credits, 3 Lecture)

CIS 092▼

Adobe Illustrator

Adobe Illustrator software, a PostScript-based drawing program, is used to create sophisticated artwork which can be imported

into other programs for further manipulation. (Repeatable 3 Times) Course Level Fee 3 (3 credits, 3 Lecture)

CIS 093▼

Access

An introduction to Microsoft Access, a database management application designed to operate in the Windows environment. (Repeatable 3 Times) Course Level Fee 2 (2 credits, 2 Lecture)

CIS 094▼

Excel

The basics of the Excel software package will be covered. This includes spreadsheet basics, formulas, functions, charting, data management, and collaborative tools. (Repeatable 3 Times) Course Level Fee 2 (2 credits, 2 Lecture)

CIS 095▼

Database Management

Prerequisite: CIS 160 or instructor consent

Structured Query Language will be used to design and manage a database. (Repeatable 3 Times) Course Level Fee 3 (3 credits, 3 Lecture)

CIS 098▼

Advanced Desktop Skills

Prerequisite: CIS 088 and CIS 090 and CIS 092

InDesign, Illustrator, and Photoshop are used to create advanced graphic designs. Emphasis is placed on creating your own styles, graphics, and layouts. Pre-press and printing techniques are also covered. (Repeatable 3 Times) Course Level Fee 3 (3 credits, 3 Lecture)

CIS 099▼

Introduction to Web Technology

Prerequisite: Type 30 words per minute

This introductory course focuses on creating and maintaining web pages using HTML5 and CSS3 Code. Course Level Fee 2 (3 credits, 3 Lecture)

CIS 101▼

Internet Systems and Applications

An introduction to networking basics through the Internet. Students will learn about Internet services, etiquette, searches, E-mail, and other internet skills. (Repeatable 3 Times) Course Level Fee 2 (2 credits, 2 Lecture)

CIS 156▼

Computer Logic

Familiarizes the student with techniques and problem-solving aids necessary for the solution of computer programming. The exercises will use a programming language to develop the skills needed for solving problems. (Repeatable 3 Times) Course Level Fee 1 (3 credits, 3 Lecture)

CIS 160▼

Practical Software Applications

IAI BUS 902

Provides an opportunity for the student to work with various types of computer software. These learning activities include MS Windows, word processing, spreadsheet design, database management, Internet access, and presentation software. (Repeatable 3 Times) Course Level Fee 4 (3 credits, 3 Lecture)

CIS 162▼

Object-Oriented Programming I

Prerequisite: CIS 156 or consent of instructor

This course teaches the fundamentals of object-oriented programming. It develops an understanding of data types, methods, classes, objects, programming structures, functions, and arrays. (Repeatable 3 Times) Course Level Fee 2 (3 credits, 3 Lecture)

CIS 164▼

Object-Oriented Programming II

Prerequisite: CIS 162

This course teaches advanced concepts in object-oriented programming. It develops an understanding of Windows programming, events, inheritance, data files, databases, debugging, exceptions, and Web-based applications. (Repeatable 3 times) Course Level Fee 2 (3 credits, 3 Lecture)

CIS 170▼

Java Programming

Prerequisite: CIS 156 or instructor consent

A study of object oriented programming using the Java language. Includes statements, expressions, methods, libraries, classes and objects. Development of objects including the concepts of polymorphism, encapsulation and inheritance are covered. (Repeatable 3 times) Course Level Fee 2 (3 credits, 3 Lecture)

COMPUTER INTEGRATED MANUF (CIM---)

CIM 044▼

Industrial Robotics

A comprehensive study of industrial robotics used in computer integrated manufacturing systems. Some areas of study include history, classification, tooling, sensors, safety and justification of robotic systems. The student will learn robotics related to manufacturing, and fundamental robotic programming. (Repeatable 3 Times) (2 credits, 2 Lecture)

CIM 050▼

CNC Machine Operator

Prerequisite: MTT 050

A study designed to highlight the theory and application of CNC machining centers, machine configuration, fixture and tool offsets/compensations, production runs, setup and cycle time reductions. Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

CIM 060

CNC Machining

Prerequisite: MTT 050 and CAD 056

Introduction to computer numerical controlled (CNC) machine tool operation, programming and processes. Manual and computer assisted part programming with machine tool verification. Course Level Fee 3 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

CIM 075▼

Supervised Occupational Experience

Prerequisite: Must have completed 12 semester hours of CNC Certificate Program
Designed to promote on the job experience in CNC technology while applying skills and knowledge learned in the program. The

employers and supervising instructors work closely with the student in an off campus job site. (3 credits, 15 Lab/Lab-Discussion)

CIM 092

Computer-Aided Manufacturing

Prerequisite: CIM 060 and CAD 056

An introduction to the use of a CAD/CAM system. Student will learn to use a computer for design and to automatically create programs to control manufacturing equipment. Course Level Fee 3 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

CIM 094

Computer Integrated Manuf

Prerequisite: CIM 092 and CIM 044

An introduction to Computer Integrated Manufacturing. Student will learn to setup, program and troubleshoot a CIM system. This is the final course in the Automation and Robotics degree program. Course Level Fee 3 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

CONTINUING EDUCATION (CNC---)

CNC 021▼

Special Topics in Exploring Careers

Participants learn the basics of exploring careers. This course will provide an essential background and application of career exploration. (Repeatable 3 Times) (Variable Credit 0.5/2.5 credits, 2.5 Lecture)

COSMETOLOGY (COS---)

COS 050

Cosmetology I

This course focuses on professional rules and regulations, shampooing, basic chemistry, hair shaping, bacteriology, facials, scalp treatments, sanitation and safety for students and clients. Course Level Fee 2 (6 credits, 3 Lecture, 15 Lab/Lab-Discussion)

COS 052

Cosmetology II

Prerequisite: COS 050

This course focuses on thermal designing, permanent waving, manicuring, pedicuring, make-up techniques, and hair coloring. Course Level Fee 2 (6 credits, 3 Lecture, 15 Lab/Lab-Discussion)

COS 054

Cosmetology III

Prerequisite: COS 050 and COS 052

This course consists of advanced hair coloring, decolorizing, hair styling, superfluous hair, artificial nails, pH chemistry, and chemical relaxing. Course Level Fee 2 (6 credits, 3 Lecture, 15 Lab/Lab-Discussion)

COS 056

Cosmetology IV

Prerequisite: COS 050 and COS 052 and COS 054

This course focuses on nail structure, including disorders and diseases, dermatology, disorders of the skin and scalp, electricity, artificial hair and advanced chemistry. Course Level Fee 2 (7 credits, 4 Lecture, 15 Lab/Lab-Discussion)

COS 058

Cosmetology V

Prerequisite: COS 050 and COS 052 and COS 054 and COS 056

This course is a study of basic anatomy and the related areas; also retailing, job marketing skills and student-salon internship. Course Level Fee 2 (7 credits, 4 Lecture, 15 Lab/Lab-Discussion)

COS 059

Cosmetology Clinic

Prerequisite: COS 050 and COS 052 and COS 054 and COS 056 and COS 058

Designed for Lake Land College Cosmetology students who have not completed the state required 1500 hours during the regular modules. (Variable Credit 0.5/3 credits, 9 Lab/Lab-Discussion)

COS 060

Salon Management

Covers areas of opportunity and the outlook for small business managers, success and failure patterns, capital needs and sources, organizing, directing, controlling, finance, locations, facilities, marketing, and inventory control. (3 credits, 3 Lecture)

COS 061

Computer Appl for Cosmetology

Provides an opportunity for the student to work with various types of software on the microcomputer. These learning activities include MS Windows, word processing, spreadsheet design, database management, Internet access, and cosmetology specific software. Course Level Fee 2 (3 credits, 3 Lecture)

COS 076

Cosmetology Teacher I

Prerequisite: Current Illinois Cosmetology License

This course is designed to develop basic cosmetology teaching skills; a study of basic theory and fundamental principles of teaching. Course Level Fee 2 (6 credits, 3 Lecture, 9 Lab/Lab-Discussion)

COS 077

Cosmetology Teacher II

Prerequisite: Current Illinois Cosmetology License and COS 076

This course provides supervised student teaching; preparation and presentations of lesson plans, evaluation of subject matter, business procedures related to the operation of a cosmetology school. Course Level Fee 2 (6 credits, 3 Lecture, 9 Lab/Lab-Discussion)

COS 078

Cosmetology Teacher III

Prerequisite: Current Illinois Cosmetology License and COS 076 and COS 077

This course is a continuation of presenting various educational methods: testing student and completing a teaching portfolio. Course Level Fee 2 (5 credits, 3 Lecture, 4 Lab/Lab-Discussion)

CRIMINAL JUSTICE (CJS---)

CJS 054

Correction Officer/Cycle Trng

Cycle training consists of 40 clock hours of mandatory refresher topics provided by the Department of Corrections. Topics may include: review of administration directives, first aid & safety, security, report writing and legal issues, substance abuse and other related topics. (2.5 credits, 2.5 Lecture)

CJS 056

Illinois Concealed Carry Handgun

Prerequisite: Be at least 21 years of age; have a valid FOID card if a non-resident; not have any disqualifiers as described under the Illinois Firearm Concealed Carry Act.

This course provides required training to individuals who want to pursue a concealed carry permit under Illinois Public Act 98-0063. This is the complete 16 hour course which includes classroom and practical experience on a firing range. Course Level Fee 4 (1 credits, 1 Lecture)

CJS 057▼

IL Concealed Carry Supplement

Prerequisite: Successful completion of an approved training course as illustrated in Public Act 98-0063; be at least 21 years of age; have a valid FOID card (if Illinois resident) or be eligible for a FOID card if a non-resident; not have any disqualifiers as described under the Illinois Firearm Concealed Carry Act.

This course provides the supplemental eight hour training to individuals who want to pursue a concealed carry permit under Illinois law and have successfully completed an approved training course per Public Act 98-0063. Course Level Fee 4 (0.5 credits, 0.5 Lecture)

CJS 064

Spec Prob in Law Enforcement

This course focuses on controversial issues facing the criminal justice and correctional systems such as corruption, brutality, politics, crime prevention, high risk situations, hostage negotiations, protective custody and many others. (4 credits, 4 Lecture)

CJS 071

Orientation to Corrections

A study of the history of corrections, criminal law, rights of the convicted offender, types of detentions, correctional management, release from prison and juvenile corrections. (3 credits, 3 Lecture)

CJS 080

Introduction to Policing

This course provides an introduction to the police profession by examining the history of policing, the mental and physical requirements for a police officer, and police operational issues. Consideration is also given to current policing trends. (3 credits, 3 Lecture)

CJS 081

Police Report Writing

This course provides an understanding of the fundamental principles of good writing and

effective police reporting by developing a practical, basic understanding to the types of reports and forms commonly used in the field of criminal justice. (2 credits, 2 Lecture)

CJS 090

Community Policing

This course examines the relationship between police and the community and provides information on how to strengthen that relationship. Strategies for effective community policing are examined. (3 credits, 3 Lecture)

CJS 091

Ethics in Criminal Justice

This course analyzes various aspects of ethics in the criminal justice system, including the police, the court system, and the correctional system. (3 credits, 3 Lecture)

CJS 092

Police Management & Supervision

This course focuses on organizational and managerial roles in law enforcement. Emphasis is placed on organizational structure, administrative procedures, and enforcement responsibilities. (3 credits, 3 Lecture)

CJS 101

Special Topics Correction Mgt

Allows students to identify a current issue in correctional management and develop techniques for improvement. (1 credits, 1 Lecture)

CJS 104▼

Criminal Justice Seminar & Internship

Prerequisite: Sophomore standing; 12 credit hours of CJS classes. Off-campus work experience in the criminal justice field.

Students will be assigned to a criminal justice agency(s) and observe the criminal justice field. Open to criminal justice majors only. Subject to internship coordinator and agency approval, including background check. Course Level Fee 3 (Variable Credit 0.5/4 credits, 1 Lecture, 15 Lab/Lab-Discussion)

CJS 150

Intro/Criminal Just

IAI CRJ 901

Focuses on an overview of the justice system with emphasis on the total system of police, courts, and corrections. (3 credits, 3 Lecture)

CJS 152

Criminal Investigation I

Focuses on the fundamentals of investigation, crime scene applications, and investigative techniques and procedures. Upon completion of this course, the student will understand the theory and practicality of investigation from crime scene to courtroom. (3 credits, 3 Lecture)

CJS 153

Police Operations

Prerequisite: Take CJS-150

This course focuses on the duties and responsibilities of the patrol officer. Topics covered will include routine patrol, traffic enforcement, and officer survival. (3 credits, 3 Lecture)

CJS 156

Criminal Law

A study of the concept of social order, examining criminal law. Crime is defined and examined as is criminal responsibility, mental state, physical act and other fundamental legal doctrines. (3 credits, 3 Lecture)

CJS 158

Juvenile Justice

IAI CRJ 914

Designed to familiarize the student with development and trends in the juvenile justice system. It includes delinquency prevention, causation of juvenile crime, and treatment and control of the juvenile delinquent. (3 credits, 3 Lecture)

CJS 160

Criminal Evidence and Procedure

Prerequisite: CJS 150

Focuses on the application of Constitutional law. Procedural responsibilities of the police as they apply to the constitutional rights of the individual will be emphasized. (3 credits, 3 Lecture)

CJS 166

Corrections

IAI CRJ 911

Enables the student to develop an understanding of the current problems in correctional institutions. Sentencing trends, alternatives to incarceration, inmate life of population, and their effect on the system will be examined. (3 credits, 3 Lecture)

CJS 250

Criminology

This course analyzes criminological theories. Crime in relation to physical and psychological factors, to cultural areas, to the family and to other social institutions will be examined. Consideration is given to professional crime and white collar crime. (3 credits, 3 Lecture)

DENTAL HYGIENE (DHY---)

DHY 035

Pit and Fissure Sealants

This course is designed to meet the educational requirements and lab experience necessary for the Dental Assistant to be certified to place pit and fissure sealants in the office. (0.5 credits, 0.5 Lecture)

DHY 036

Coronal Polishing/Dental Asst

This course will meet the legal requirements regarding coronal polishing by Dental Assistants. This course will include a minimum of four hours of didactic study in anatomy, physiology, pharmacology, dental emergencies, and two hours of clinical instruction. (0.5 credits, 0.5 Lecture)

DHY 039

Nitrous Oxide-Dental Assistant

The Illinois Dental Practice Act identifies nitrous oxide sedation monitoring as a dental assisting duty. The Dental Assistant will receive didactic and clinical training that will qualify him/her to monitor this form of pain control. (1 credits, 1 Lecture)

DHY 041**Dental Terminology**

This course prepares the student to enter the dental hygiene program by introducing terms commonly used in the practice of dentistry and dental hygiene. The student will also be exposed to basic numbering systems and charting methods. Course Level Fee 1 (0.5 credits, 0.5 Lecture)

DHY 043**Dental Hygiene Board Review**

Generalized review of dental hygiene curriculum that helps to prepare the student to take the National Dental Hygiene Board Examination. Course Level Fee 1 (0.5 credits, 0.5 Lecture)

DHY 044**Admin of Local Anesthetics**

This course is designed to educate and give clinical experience to the Dental Hygienist in the administration of local anesthesia, in compliance with the Dental Practice Act. (2.5 credits, 2.5 Lecture)

DHY 045**Radiology**

This course is designed to include the principles and biological effects of radiation and safety measures used in dental radiology. Correct methods of exposing, processing, and mounting intraoral radiographs for diagnostic purposes will be stressed. Course Level Fee 4 (4 credits, 2 Lecture, 6 Lab/Lab-Discussion)

DHY 060**Dental Assisting**

This course is an 8-week module in Dental Assisting to prepare the student in those areas pertinent for employment in the dental office. Does not qualify for Federal Title VI financial aid or Illinois Monetary Award (MAP). Course Level Fee 4 (8 credits, 5 Lecture, 6 Lab/Lab-Discussion)

DHY 066▼**Dental Histology & Embryology**

This course is designed to increase the student's knowledge of the early embryonic development of the face and oral cavity and the process of tooth development. Included is the study of the microscopic structure of the tissues of the dentition and its supporting structures. Course Level Fee 2 (2 credits, 2 Lecture)

DHY 067**Dental Anatomy**

Prerequisite: Admission into Dental Hygiene Program

This course is designed to provide a thorough knowledge of the head, neck, teeth, and related structures. Course Level Fee 3 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

DHY 068**Dental Hygiene I**

Prerequisite: Admission into Dental Hygiene Program

This course is designed to acquaint the beginning dental hygiene student with the duties and responsibilities in the clinical aspect of the profession and the role the hygienist plays in today's health. (3 credits, 3 Lecture)

DHY 069**Pre-Clinic Hyg I**

Prerequisite: Admission into Dental Hygiene Program

An introduction to the duties and basic skills the dental hygienist uses in daily clinical practice. Course Level Fee 4 (3 credits, 9 Lab/Lab-Discussion)

DHY 071**Dental Hygiene II**

Prerequisite: DHY 068

This course is a continuation of Dental Hygiene I, advanced instrumentation and evaluation of the patient's oral health are given greater attention. An introduction to emergencies in the dental office and a continuation of preventive dentistry and patient education are included. (3 credits, 3 Lecture)

DHY 072**Preclinical Hygiene II**

Prerequisite: DHY 069

This course is a continuation of the development of clinical skills. Emphasis will be placed on prevention through patient education. The student will provide treatment for live patients. Course Level Fee 4 (2.5 credits, 7.5 Lab/Lab-Discussion)

DHY 080**Pathology**

This course gives a brief insight into general principles of pathology with heavy emphasis on specifics of oral pathology. Terminology will be taught in addition to description of oral diseases, lesions and their treatment and immunologic factors. (3 credits, 3 Lecture)

DHY 081**Periodontology**

Prerequisite: DHY 071

This course focuses on the clinical aspects of the different forms of periodontal disease, and philosophy of treatment, the role of the dental hygienist in patient education for the prevention of periodontal problems, and the chairside management of these pathological conditions. (3 credits, 3 Lecture)

DHY 082**Dietary Analysis for the DH/Seminar I**

This 1 1/2 credit hour course further introduces the dental hygiene student to clinical responsibilities required in providing patient treatment and nutrition. (1.5 credits, 1.5 Lecture)

DHY 083**Clinic I**

Prerequisite: DHY 072

Requires the student to perform under supervision, a specific number of oral prophylaxis on child and adult patients. Some advanced skills will be introduced and experience is gained in sterilization and reception responsibilities. Course Level Fee 4 (3 credits, 9 Lab/Lab-Discussion)

DHY 084▼**Dietary Analysis for the DH/Seminar II**

This course broadens the dental hygiene student's clinical skills focusing on individual patient needs and assessment and dietary analysis. Course Level Fee 1 (1.5 credits, 1.5 Lecture)

DHY 086**Pharmacology**

This course focuses on the study of drugs affecting the practice of dentistry. (2 credits, 2 Lecture)

DHY 087**Special Needs**

This course provides for continuing advancement in clinical and community settings. Content includes treatment of special needs patients, the development of a pre-school educational model. (2 credits, 2 Lecture)

DHY 088**Clinic II**

Prerequisite: DHY 083

This course is designed to improve the clinical skills of the dental hygiene student. Focus is on total assessment of individual patient needs, advanced instrumentation procedures and the special needs patient. Course Level Fee 4 (4 credits, 12 Lab/Lab-Discussion)

DHY 089**Lab Proced/Dent Hyg**

This course is a comprehensive study of the science of dental materials and their application in dental hygiene. Course Level Fee 3 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

DHY 091▼**Pain Management for Dental Hygienist**

This course is designed to provide the dental hygiene student with the skills to manage patient discomfort. This includes topical anesthesia, local anesthesia, and nitrous oxide analgesia during dental hygiene services. This course complies with the Illinois Dental Practice Act. Course Level Fee 3 (2 credits, 1 Lecture, 3 Lab/Lab-Discussion)

DHY 092**Dent Public Health**

This course is designed to apply the dental hygiene process of care (assessment, diagnosis, planning, implementation, and evaluation) learned in DHY 096 to the clients of the extended care facilities and to the students of the schools receiving the dental health presentations during dental health month. Course Level Fee 3 (1 credits, 3 Lab/Lab-Discussion)

DHY 093**Ethics and Jurisprudence**

Prerequisite: DHY 087

This course is designed to give insight into the applications of dental hygiene practice. The development of professionalism, the Illinois Dental Practice Act, ethical principles, jurisprudence, employment and the organization of the American Dental Hygienists' Association are topics that will be introduced and discussed. (3 credits, 3 Lecture)

DHY 094**Clinic III**

Prerequisite: DHY 088

This course provides continued advancement of clinical competencies. The student is required to perform additional functions in clinical settings to broaden clinical skills. Treatment will, also, be provided for patients

from selected outside agencies. Course Level Fee 4 (4 credits, 12 Lab/Lab-Discussion)

DHY 095

Seminar III

The purpose of this course is to expand the dental hygiene student's knowledge base and skills in preparation for clinical practice as an entry level registered dental hygienist. (1 credits, 1 Lecture)

DHY 095

Dietary Analysis for the DH/Seminar III

The purpose of this course is to expand the dental hygiene student's knowledge base and skills in preparation for clinical practice as an entry level registered dental hygienist with a focus on nutrition and dietary analysis/counseling. (1.5 credits, 1.5 Lecture)

DHY 096

Community Dental Health

This course provides a study of the principles and methods in assessing, planning, implementing, and evaluating community dental health programs. Topics include epidemiology, research methodology, biostatistics, preventative dental care, dental health education, program planning, financing and utilization of dental services. (1.5 credits, 1.5 Lecture)

EARLY CHILDHOOD EDUCATION (ECE---)

ECE 041▼

The Creative Play Classroom

The emphasis in this course is on developing hands-on materials that enhance play in a creative learning environment. (Repeatable 3 Times) Course Level Fee 1 (1 credits, 1 Lecture)

ECE 051

Infant/Toddler Environment

This courses emphasizes the characteristics of high quality infant/toddler caregivers, curriculum, indoor/outdoor space and play equipment/toys vital for developmental learning. Course requirements include 20 hours of hands-on practicum in a community setting. Course Level Fee 3 (3 credits, 3 Lecture)

ECE 052

Heads Up! Reading

This course focuses on developmentally appropriate methods for enhancing literacy development in young children from birth through age five, analyzing and selecting literature for diverse groups, the teacher's role in promoting language and literacy, and applying these methods in early childhood settings. (3 credits, 3 Lecture)

ECE 081

Early Childhood Clinical

Prerequisite: ECE 100 or approval by program coordinator

This course provides students experience in preparing and implementing developmentally appropriate activities. Students gain understanding of classroom management techniques and areas of focus when planning. The course includes 30 hours of practical experience in an approved child care facility. Course Level Fee 3 (1 credits, 2 Lab/Lab-Discussion)

ECE 083

Instructional Methods

This course enables students to do total program planning consistent with the developmental needs of children. Course Level Fee 1 (3 credits, 3 Lecture)

ECE 086

Nanny/Family Relations

Focuses on specific responsibilities of the nanny as a profession, as well as interpersonal relationships and personal adjustment within the live-in family setting. (2 credits, 2 Lecture)

ECE 087

Organization/Mgt of Preschools

This course focuses on state rules and regulations for operating a licensed child care facility. Room layout of an efficient facility, arrangement of outside playground areas, and the selection of furniture and equipment will also be discussed. (3 credits, 3 Lecture)

ECE 095

Creative Activities for Children

This course provides students an understanding of the value of and practical experience in preparing creative activities and experiences for children. The student is given many opportunities to explore, develop, and appreciate various types of creative media for preschool children. Course Level Fee 3 (4 credits, 4 Lecture)

ECE 100

Intro to Early Childhood Educ

This course focuses on an overview of early childhood care and education that includes basic values, professional disposition, program operation, historical influences, assessment, and structure. Includes 20 hours of practicum. Course Level Fee 3 (3 credits, 3 Lecture)

ECE 102

Health/Safety/Nutri/Yng Child

This course focuses on the health, safety, and nutritional needs of children in group settings as well as the personal health of the individual. Emphasis is placed on preventive health through education and the development of healthy habits. Course Level Fee 1 (3 credits, 3 Lecture)

ECE 110

Child Behavior Management

This course focuses on the use of positive redirective techniques in shaping behavior so children can learn self discipline and self control. Observation of discipline problems and analyzation of procedures are required of the student. (3 credits, 3 Lecture)

ECE 120

Field Experience Seminar

Prerequisite: Mod prior to ECE 125 or approval of program coordinator

This course prepares the student for the Field Experience practicum (ECE125) and includes preparation of credentials for seeking employment. (1 credits, 1 Lecture)

ECE 125

Field Experience

Prerequisite: Enrolled in ECE 120 and approval by program coordinator. A 'C' average in ECE and EDU prefix courses is required.

Supervised practicum designed for Early Childhood and Child & Family Services and Paraprofessional Education majors to provide on-the-job experience. Practicum will include application of: program and classroom management skills, managing daily routines, curriculum development, agency policies and regulations, and enhancement of family involvement. Course Level Fee 3 (Variable Credit 0.5/4 credits, 20 Lab/Lab-Discussion)

EARTH SCIENCE (ESC---)

ESC 085▼

Special Topics in GIS Science

Designed to provide an essential background in the application of geospatial science to a topic of societal interest. May be repeated for credit if a different topic is taught. (Repeatable 3 Times) (3 credits, 3 Lecture)

ESC 100

Physical Geology

IAI P1 907L

Physical geology stresses the basic geologic concepts and processes that are responsible for creating and shaping the Earth. Materials covered include the topics of: rocks, minerals, volcanoes, earthquakes, stream erosion, wind erosion, glaciers, groundwater, Earth interior, plate tectonics and gravity. Course Level Fee 1 (4 credits, 3 Lecture, 2 Lab/Lab-Discussion)

ESC 102

Weather and Climate

IAI P1 905L

This course emphasizes the dynamics of the atmosphere with focuses on atmospheric evolution, seasonal controls of climate, human impacts, atmospheric humidity, air pressure, severe weather, and climate classification. Extensive use of Internet resources and software will be required. Course Level Fee 2 (4 credits, 3 Lecture, 2 Lab/Lab-Discussion)

ESC 104

Physical Geography

IAI P1 909L

Stresses the physical environment of earth. Emphasis is placed upon basic concepts in geography with a focus on the biosphere, lithosphere, atmosphere, and hydrosphere. Extensive use of Internet resources and software will be required for this course. Course Level Fee 1 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

ESC 106

Introduction to Geographic Info Systems

Introduction to basic Geographic Information Systems (GIS) concepts, using the ArcView GIS software program. Course will focus on developing both a theoretical background in the technology and real world applications using GIS techniques. Course Level Fee 4 (4 credits, 3 Lecture, 2 Lab/Lab-Discussion)

ECONOMICS (ECO---)

ECO 130

The American Economy

Combines Macroeconomics and Microeconomics and focuses on basic supply and demand analysis, national income accounting, business cycles, inflation,

unemployment, fiscal and monetary policy, and international economic problems. (3 credits, 3 Lecture)

ECO 231

Principles of Economics I (Macro)

IAI S3 901

Focuses on the nature and method of economics, basic supply and demand analysis, national income accounting, business cycles, inflation and unemployment, fiscal policy, money and banking, and monetary policy. (3 credits, 3 Lecture)

ECO 232

Principles of Economics II (Micro)

IAI S3 902

Prerequisite: ECO 231

Focuses on free enterprise and the economic functions of government, advanced supply and demand analysis, pricing in competitive/non-competitive markets, and pricing in resource markets. (3 credits, 3 Lecture)

EDUCATION (EDU---)

EDU 025

Paraprofessional Test Prep

This course is as a refresher/review course for paraprofessionals that have learned the subject matter earlier in their educational experience in order to prepare for the Paraprofessional Certification test mandated by the No Child Left Behind (NCLB) Act. (0.5 credits, 0.5 Lecture)

EDU 100

Introduction to Education

An overview of the American education system. Social, historical and philosophical foundations give perspective to an examination of current issues, policies and trends in the field of education, including cultural diversity. A 30 hours practical lab is required for this course. Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

EDU 103

Teaching/Learning W/Technology

Prerequisite: CIS 040 or

HS computer application class

This course features practical ways to use various types of technology for the K-12 classroom teacher. This is a basic course in microcomputers, their operation, and utilization in K-12 classrooms. (3 credits, 3 Lecture)

EDU 190

Introduction/Special Education

This course is designed to introduce the student to the study of exceptional children, including a survey of the child's developmental traits and examination of appropriate intervention techniques. (3 credits, 3 Lecture)

EDU 200

Educational Psychology

The application of psychology principles to education. Special emphasis on understanding growth and development, the learning process, motivation, intelligence, evaluation, measurement, creativity and the impact of culture on learning styles. (3 credits, 3 Lecture)

EDU 210

Diversity in Schools and Societies

This course is a study of how schooling is shaped by and ought to respond to the social contexts in which it occurs, particularly in multicultural and global contexts. (3 credits, 3 Lecture)

ELECTRONIC ENGINEERING TECH (EET---)

EET 040

Applied D.C. Circuits

Develops an understanding of the basic DC electricity concepts such as voltage, current, resistance, power and energy. The course covers resistive circuits through series-parallel circuits. Laboratory work includes use of analog and digital meters and circuit construction. Course Level Fee 1 (2.5 credits, 1.5 Lecture, 2 Lab/Lab-Discussion)

EET 045

Active Devices

Fundamentals of basic solid state components through the most common and popular devices and their applications are presented. Course Level Fee 1 (5 credits, 3 Lecture, 4 Lab/Lab-Discussion)

EET 048

Digital Circuits

Prerequisite: EET 076

Applications of digital circuits and devices to consumer products. Advanced application or digital logic fundamentals in design operation of digital circuits & systems. Course Level Fee 1 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

EET 049

Robotics Fundamentals

Introduces the concepts of robotics, automation, and guided vehicles by looking at various applications, types, classifications and operation. Operator and safety precautions are stressed. (1 credits, 1 Lecture)

EET 050

Applied A.C. Circuits

Prerequisite: EET 040

with minimum grade of 'C'

Introduces the student to the sin wave and the relative parameters such as frequency, period, rms and ave values. Capacitance and inductance are introduced and their effect in sin wave circuits are studied. Lab work includes familiarization with the oscilloscope. Course Level Fee 1 (2.5 credits, 1.5 Lecture, 2 Lab/Lab-Discussion)

EET 052

Solid State Circuits

Prerequisite: EET 050

Study of basic solid state devices and associated circuits. Devices included will be general purpose diodes, zener diodes, bipolar junction transistors, field effect transistors. Integrated circuits will be introduced. Circuit applications will include rectifiers, transistors, switching circuits, and linear amplifiers. Course Level Fee 1 (4 credits, 3 Lecture, 2 Lab/Lab-Discussion)

EET 053▼

A+ Technician Preparation

Prerequisite: EET 060

Preparation for the Computing Technology Industry Association A+ Operating Systems. This course is designed to cover the Operating System Component of the A+ Exam. Some of the topics discussed are Operating Systems, System Administration Tools, Network Management, and System Maintenance. (Repeatable 2 Times) Course Level Fee 2 (2 credits, 2 Lecture)

EET 056

Electronic Circuit Design/Fabrication

Designed to present through actual practice the elements of electronics drafting and fabrication. Course Level Fee 1 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

EET 060

Computer Hardware

This course is designed to teach the fundamentals of computer hardware and give students hands on experience in assembling, upgrading and troubleshooting basic computer systems and hardware. Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

EET 061▼

Advanced Computer Hardware

Prerequisite: EET 060 or consent of instructor

This course is designed to teach advanced concepts and architectural design of computer hardware. Students will examine and analyze the major PC components, study the different standards and platforms available and experiment with custom PC and peripheral additions and modifications. (Repeatable 3 Times) Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

EET 064

A+ Computer Essentials

Prerequisite: EET 060 and CIS 079 or consent of instructor

Preparation for the Computing Technology Industry Association A+ test. This course is designed to cover both the Core and DOS/Windows modules. Some of the topics discussed are installation, upgrading, troubleshooting, hardware, networks, and DOS, Windows 3.X, and Windows 95. (2 credits, 2 Lecture)

EET 065▼

Home Technology Integration

Corequisite: EET 040 or consent of instructor

This course is designed for students interested in the field of home technology integration. Focuses on background knowledge and hands-on skills to prepare for the CompTIA DHTI+ Exam. (Repeatable 3 Times) Course Level Fee 3 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

EET 066

Network Pro

Prerequisite: EET 060 and CIS 081 or consent of instructor

This course covers material needed to pass the Computing Technology Industry Association Net+ and Electronics Technicians Association

CNST exam. Topics include an in-depth look at data transmission and covers basic telephony, LAN, Satellites, modems, error control and data security. (4 credits, 4 Lecture)

EET 067

Computer Servicing Techniques

Prerequisite: EET 060

This lab is dedicated to advanced configuration and trouble shooting and is designed to simulate problems in home or business computers. Student will be given a description of the problem from an operators viewpoint and will correct the problems encountered. Course Level Fee 1 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

EET 068▼

Photovoltaic Systems

Prerequisite: EET 040 and EET 050

This course is designed to provide a technical foundation for design, installation, and evaluation of residential and commercial photovoltaic systems. Concepts of system advantages and disadvantages, site evaluation, system design and sizing are assessed. (Repeatable 3 Times) Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

EET 069▼

Residential Wiring I

This course provides students with an understanding of residential wiring. Topics include safety, planning, and installation of residential wiring systems according to the National Electrical Code®. (Repeatable 3 Times) Course Level Fee 1 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

EET 070▼

Photovoltaic Technician

Prerequisite: EET 068

This course is designed to provide a technical foundation for system design, systems implementation, electrical codes, and hardware installation. Maintaining and troubleshooting systems are performed. (Repeatable 3 Times) Course Level Fee 3 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

EET 071

Routing & Switching Fundamentals

Prerequisite: EET 050 and EET 056 and EET 076

Provides the student with practical skills needed to configure and connect routers and switches. It also discusses trunking, access list, and WANS. Connectivity to other electronic controls systems. Course Level Fee 1 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

EET 072

Relays and Control Circuits

This course provides the student with an understanding of industrial electrical and electronic power systems. Topics covered include three phase circuits, motors wiring, ladder logic, transformers, and electronic motor controllers. Course Level Fee 1 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

EET 074▼

Supervised Occupational Experience

Prerequisite: Sophomore standing in Electronics

Designed to provide the student with work experience in field while maintaining contact with the occupational instructor for review and assistance. (Repeatable 1 Time) (Variable Credit 0.5/5 credits, 25 Lab/Lab-Discussion)

EET 075

HMI-Human Machine Interface

Prerequisite: EET 086 or consent of instructor

This course covers basic HMI operation and programming using Wonderware - InTouch software. Topics include: Designing HMI windows, interfacing to the PLC, basic animation, using and creating logic scripts, using DDE, setting alarms, charts and trending, and security. Course Level Fee 1 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

EET 076

Digital Logic

The study of basic digital systems principles and techniques. Binary, Hexidecimal, BCD, logic theory, AND,OR, NOT, NAND, and NOR gates as well as combination gate, Flip Flops and hardware are covered. Course Level Fee 1 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

EET 077▼

PC Pro

Prerequisite: EET 060 or consent of instructor

This course prepares students for the TESTOUT PC Pro exam and the Computing Technology Industry Association A+ Exams. (4 credits, 4 Lecture)

EET 078

Applied Amplifier Circuits

Prerequisite: EET 052

A study of linear electronic circuits. Combines theory of passive and active circuits into operational units. Topics include amplifiers frequency response, feedback, oscillators, high frequency, operational and instrumentation amplifiers, linear and switching regulators. Course Level Fee 1 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

EET 079

R.F. Communication Licensing

Prerequisite: EET 046 or concurrent entollment in EET 080

Corequisite: EET 080 and EET 047

Preparation for NABER, NARTE, SBE and F.C. - General Radiotelephone License tests. Radio low, R.C.C. rules and regulations related to licensing and review of basic electronics and radio theory pertinent to tests. (1 credits, 1 Lecture)

EET 081

Physical Computing W/ Rasp Pi

Prerequisite: EET 076

Principles of micro controllers. Topics include: Flow charting, Input-output devices and interfacing, Signal conditioning, Programming, and basic process control using a micro controller. Class stresses using the micro controllers to control I/O devices. Course Level Fee 1 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

EET 085▼

Electronic Projects

Corequisite: Take EET 080 and EET 081

Prerequisite: EET 076, EET-078, EET 081

Instructor approved and student selected electronic project providing experience in design, fabrication and testing of an electronic unit. The project should coincide with student's occupational goal and area of electronic work interest. (Communications, computers, industrial, etc.) (Repeatable 3 Times) Course Level Fee 1 (2 credits, 1 Lecture, 3 Lab/Lab-Discussion)

EET 086

Prog Logic Controllers I

Prerequisite: EET-072 or consent of instructor

This course covers basic PLC operation and programming using Rslogix500 software and Allen Bradley PLC's. Topics include: Basic ladder design, Input Output, Timers, Counters, Batch Processes, Shift registers, Word compare, and Math. Course Level Fee 1 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

EET 087

Prog Logic Controllers II

Prerequisite: EET 086 or consent of instructor

This course covers advanced topics of the Micrologix 1000 PLC operation and programming using Rslogix500 software and Allen Bradley PLC's. Topics include Analog I/O, Math and Data handling instruction, program flow, message instructions, and communication protocols. Course Level Fee 1 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

EET 094

Supervised Occupational Exp

Prerequisite: Sophomore standing in Electronics or consent of instructor

Designed to provide the student with work experience in the field of major while maintaining contact with the instructor for review and assistance. (3 credits, 15 Lab/Lab-Discussion)

EMERGENCY MEDICAL SERVICES (EMS---)

EMS 050▼

Emergency Medical Tech-Basic

Prerequisite: At least 18 years of age, high school diploma or GED and a current AHA BLS CPR card.

Immunizations: Hepatitis B., TB, DT/Tetanus, MMR (if you have immunizations, a copy of what you have is acceptable), physical exam, copy of current Driver's License or State I.D., Background check non-refundable online application Cost of \$34, Drug Screening at Sarah Bush Lincoln Health Center Occupational Health. (\$30) This course provides the student with an understanding of his/her roles and responsibilities within the EMS system, including operations, patient assessment, and emergency medical care. Students successfully completing this course will be eligible to take the EMT-Basic licensing examination. (Repeatable 3 Times) Course Level Fee 2 (7.5 credits, 6 Lecture, 3 Lab/Lab-Discussion)

EMS 055▼

Introduction to First Response

Introduction to First Response provides an introduction to the basic knowledge and skills necessary for emergency medical training. This course is designed for persons who are first on the scene of an injury or medical illness. (Repeatable 3 Times) (3 credits, 3 Lecture)

EMS 062▼

EMS Pharmacology

Prerequisite: EMS 056, EMS 057 and EMS 065

This course provides the paramedic student with the knowledge and skills to integrate pathophysiological principles of pharmacology and the assessment findings to formulate a field impression and implement a pharmacologic management plan. (Repeatable 3 Times) (2 credits, 2 Lecture)

EMS 063

Paramedic I

Prerequisite: Concurrently enrolled in EMS 067; Current EMT-B or EMT-I license and BIO 050 or BIO 225

This course provides the beginning paramedic student with an understanding of the role and responsibilities within the EMS system including safety, medical-legal issues, EMS operations, and specialized scene responses. (6 credits, 6 Lecture)

EMS 067

Paramedic Skills I

Prerequisite: Concurrently enrolled in EMS 063; Current EMT-B or EMT-I license and BIO 050 or BIO 225

This course provides the beginning paramedic student with the skills needed for patient assessment and medical history, airway management and ventilation, IV therapy, and management of hazardous incidents. Course Level Fee 3 (2 credits, 0.5 Lecture, 3 Lab/Lab-Discussion)

EMS 070▼

First Responder

Provides basic emergency medical training to those persons who might be first on the scene of an injury or medical illness. Students successfully completed the course will be registered as First Responders with the Illinois Department of Public Health. (Repeatable 3 Times) (4 credits, 3 Lecture, 2 Lab/Lab-Discussion)

EMS 073

Paramedic II

Prerequisite: Concurrently enrolled in EMS 063 & 067

This course provides the beginning paramedic student with the knowledge to integrate the principles of kinetics, pathophysiology, and assessment findings to formulate a field impression and implement a treatment plan for the trauma patient. Course Level Fee 3 (6 credits, 6 Lecture)

EMS 075

Paramedic Internship I

Co-Requsite: Concurrently enrolled in EMS 066 and EMS 073

This course is designed to provide employment experience in a position that will utilize the specialized skills of the student. Course Level Fee 3 (1 credits, 1 Lecture, 5 Lab/Lab-Discussion)

EMS 077

Paramedic Skills II

Prerequisite: EMS 063, & 067; Concurrently enrolled in EMS 057

This course provides the paramedic student with the skills needed to manage a trauma patient including immobilization and splinting techniques, airway management, extrication techniques, and bleeding control. Course Level Fee 3 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

EMS 083

Paramedic III

Prerequisite: EMS 073, 075, 077; Concurrently enrolled in EMS 087

This course provides the beginning paramedic student with the knowledge to integrate pathophysiological principles and assessment findings to formulate a field impression and implement a treatment plan for the medical patient. Observation time is required. Course Level Fee 3 (6 credits, 6 Lecture)

EMS 085

Paramedic Internship II

This course is designed to provide employment experience in a position that will utilize the specialized skills of the student. Course Level Fee 3 (1 credits, 5 Lab/Lab-Discussion)

EMS 087

Paramedic Skills III

Prerequisite: EMS 073, 075, 077; Concurrently enrolled in EMS 083

This course provides the paramedic student with the skills needed to manage a medical patient including all of the body systems. Course Level Fee 3 (3 credits, 1 Lecture, 4 Lab/Lab-Discussion)

EMS 091

Public Safety Telecommunicator

This course provides students with information and practical skills pertaining to the functions required to perform tasks in the Public Safety Telecommunications/ 911 Dispatch Profession. (3 credits, 2.5 Lecture, 1 Lab/Lab-Discussion)

EMS 095

Paramedic Internship III

Prerequisite: EMS 083, EMS 085 and EMS 087, concurrently enrolled in EMS 093 and EMS 097

This course is designed to provide employment experience in a position that will utilize the specialized skills of the student. Course Level Fee 3 (4 credits, 20 Lab/Lab-Discussion)

EMS 097

Paramedic Skills IV

Prerequisite: EMS 083, 085, 087; Concurrently enrolled in EMS 093

This course provides a paramedic student with advanced skills needed to manage patients experiencing life threatening conditions across the lifespan. Course Level Fee 3 (2 credits, 4 Lab/Lab-Discussion)

EMERGENCY MEDICAL TECH (EMT---)

EMT 012▼

Special Topics in EMS

Provide the students with information and/or practical skills pertaining to the functions required in the manner in which they perform their jobs in the Emergency Medical Services profession. (Repeatable 3 Times) (Variable Credit 0.5/2.5 credits, 2.5 Lecture)

EMT 013▼

Special Topics in EMS II

Provide the students with information and/or practical skills pertaining to the functions required in the manner in which they perform their jobs in the Emergency Medical Services profession. (Repeatable 3 Times) (Variable Credit 0.5/2.5 credits, 2.5 Lecture)

EMT 020▼

BLS Instructor Course

Prerequisite: Current Healthcare Provider CPR card. Regional Faculty & CTC recommendation

Provides the student with the knowledge and skills needed to serve as faculty for AHA BLS and PBLIS Provider courses. Those successfully completing the course will receive instructor recognition from the American Heart Association. (Repeatable 3 Times) (1.5 credits, 1 Lecture, 0.75 Lab/Lab-Discussion)

ENGLISH (ENG---)

ENG 005▼

Foundations in Composition

This course enables students to upgrade writing skills through a concentration on grammar and sentence structure. Areas included are parts of speech, parts of sentence and punctuation. (Repeatable 3 Times) Course Level Fee 2 (3 credits, 3 Lecture)

ENG 007▼

Composition Skills

Prerequisite: Must assess into ENG 007 or take ENG 005 with a minimum grade of "C". Students will review the basics of spelling, grammar, and the components of the short essay. Students will, by the end of the term, produce thoroughly revised essays that are free of all major grammar and readability errors. (Repeatable 3 Times) Course Level Fee 2 (3 credits, 3 Lecture)

ENG 020

Composition Co-Req

Students will review the basics of grammar, the components of the short essay, and revision. Students will produce thoroughly revised essays that are free of all major grammar and readability errors. (Repeatable 3 Times) Course Level Fee 2 (2 credits, 2 Lecture)

ENG 050

Writing for Industry

Students will learn strategies for writing essays, instructions manuals, proposals, reports, career documents as well as deliver oral presentations to prepare them for a profession in industry. Students will practice research strategies by using library resources and the Internet. Course Level Fee 2 (3 credits, 3 Lecture)

ENG 095

Business English

Using critical thinking skills, students will study and reinforce the basics of the English language as they apply to business communications. Emphasis is placed on grammar, punctuation, spelling, word usage, and sentence structure. Course Level Fee 2 (3 credits, 3 Lecture)

ENG 098

Communications I

Students will learn the principles of communications by listening, speaking, and writing. Emphasis is placed on communication skills related to the demands of the student's career area. Course Level Fee 2 (3 credits, 3 Lecture)

ENG 099

Communications II

Prerequisite: ENG 098

Students will continue to enrich the listening, speaking, and writing skills introduced in Communications I. Emphasis is placed on research, report writing, and communication skills for the upwardly mobile career student. Course Level Fee 2 (2 credits, 2 Lecture)

ENG 110

Manual Comm-Deaf

Instruction in methods of communication with the deaf through signing. (3 credits, 3 Lecture)

ENG 111

Advanced Signing

Prerequisite: ENG 110

A continuation of Manual Communication for the Deaf. Advanced vocabulary and signing. (3 credits, 3 Lecture)

ENG 112

Conversational Sign Language

Prerequisite: ENG 111

This course prepares students for signing conversations and stories with a focus on building narrative skills, moving from an informal setting to a more formal presentation by incorporating American Sign Language structure and grammar and exposure to deaf culture. (3 credits, 3 Lecture)

ENG 120

Composition I

IAI C1 900

Prerequisite: Must assess into ENG-120 or take ENG-007 with minimum grade of "C".

Students will study the writing process by reading essays that illustrate a variety of rhetorical strategies, analyzing writing tasks and texts, and writing, revising, and editing short essays. Course Level Fee 2 (3 credits, 3 Lecture)

ENG 121

Composition II

IAI C1 901R

Prerequisite: Complete ENG-120 with a minimum grade of "C".

Students will learn how to find, use, assess and document research sources, producing an extended writing project based primarily on library research. Course Level Fee 2 (3 credits, 3 Lecture)

ENG 223

Creative Writing - Fiction

Prerequisite: ENG 120 and ENG 121 advised

Students will understand the structure and elements of fiction and the writing process, produce fully-developed works of fiction, and demonstrate an understanding of the critical terminology of the creative writer. Course Level Fee 1 (3 credits, 3 Lecture)

ENG 224

Creative Writing - Poetry

Prerequisite: ENG 120

Students will understand the structure and elements of poetry and the writing process, produce fully developed works of poetry and demonstrate an understanding of the critical terminology of the creative writer. (3 credits, 3 Lecture)

ENGLISH AS A SECOND LANGUAGE (ESL---)

ESL 014▼

ESL-Entry Level I

Prerequisites: Placement is based on formal and informal assessment. (Repeatable 3 Times) (Variable Credit 0.5/4 credits, 4 Lecture)

ESL 015▼

ESL-Entry Level II

Prerequisites: Placement is based on formal and informal assessment. (Repeatable 3 Times) (Variable Credit 0.5/4 credits, 4 Lecture)

ESL 016▼

ESL-Entry Level III

Prerequisites: Placement is based on formal and informal assessment. (Repeatable 3 Times) (Variable Credit 0.5/4 credits, 4 Lecture)

ESL 017▼

ESL-Intermediate Level I

Prerequisites: Placement is based on formal and informal assessment. (Repeatable 3 Times) (Variable Credit 0.5/4 credits, 4 Lecture)

ESL 018▼

ESL-Intermediate Level II

Prerequisites: Placement is based on formal and informal assessment. (Repeatable 3 Times) (Variable Credit 0.5/4 credits, 4 Lecture)

ESL 019▼

ESL-Intermediate Level III

Prerequisites: Placement is based on formal and informal assessment. (Repeatable 3 Times) (Variable Credit 0.5/4 credits, 4 Lecture)

ESL 020▼

ESL-Advanced Level I

Prerequisites: Placement is based on formal and informal assessment. (Repeatable 3 Times) (Variable Credit 0.5/4 credits, 4 Lecture)

ESL 021▼

ESL-Advanced Level II

Prerequisites: Placement is based on formal and informal assessment. (Repeatable 3 Times) (Variable Credit 0.5/4 credits, 4 Lecture)

ESL 022▼

ESL-Advanced Level III

Prerequisites: Placement is based on formal and informal assessment. (Repeatable 3 Times) (Variable Credit 0.5/4 credits, 4 Lecture)

ESTHETICS (EST---)

EST 041

Esthetics I

Introduction to the principles and applications of basic skin care. The student is introduced to the history of skin care, professional ethics, sanitation, anatomy and physiology, and cosmetic chemistry. Course Level Fee 3 (6.5 credits, 5 Lecture, 4.5 Lab/Lab-Discussion)

EST 042

Esthetics II

Prerequisite: EST 041

Focuses on histology of the skin, disorders and diseases, skin analysis, correct product selection and treatment room preparation. Course Level Fee 3 (6.5 credits, 5 Lecture, 4.5 Lab/Lab-Discussion)

EST 043

Esthetics III

Prerequisite: EST 041 and EST 042

This course is designed to introduce the esthetician to facial massage techniques, hair removal, make-up application, basic facials and other skin treatments. Course Level Fee 3 (6 credits, 5 Lecture, 5 Lab/Lab-Discussion)

EST 044

Esthetics IV

Prerequisite: EST 041 and EST 042 and EST 043

Focuses on the basics of electricity, light therapy, implements and electrical current used with facial machines and microdermabrasion. Course Level Fee 3 (6 credits, 5 Lecture, 5 Lab/Lab-Discussion)

EST 045

Esthetics V

Prerequisite: EST 041 and EST 042 and EST 043 and EST 044

Continuation of Esthetics IV. Concentrated toward advanced esthetics, salon/spa business, retailing products and career planning. Course Level Fee 3 (6 credits, 5 Lecture, 5 Lab/Lab-Discussion)

FOREIGN LANGUAGE (FLG---)

FLG 130

Elem French I

Focuses on principles of grammar, phonetics, pronunciation and drill in rhythm and intonation. Reading of simple French text and conversation. (3 credits, 3 Lecture)

FLG 131

Elem French II

Prerequisite: FLG 130

Continued emphasis on grammar, phonetics, and pronunciation with exercises in speaking, reading of simple French text and conversation. (3 credits, 3 Lecture)

FLG 140

Elem Spanish I

Fundamentals of Spanish grammar, oral communication, reading and writing and introduction to cultures of various Spanish speaking countries. (3 credits, 3 Lecture)

FLG 141**Elem Spanish II**

Prerequisite: FLG 140

Continued study of basic grammar, oral communication, reading and writing. Includes cultural aspects of various Spanish speaking countries. (3 credits, 3 Lecture)

FLG 150**Beginning German I**

This course is an introduction to the basic concepts of the German language. It focuses on the fundamentals of German grammar, pronunciation, phonetics, drill in rhythm and intonation, reading, writing as well as an introduction to German culture. (3 credits, 3 Lecture)

FLG 151**Beginning German II**

Prerequisite: FLG 150

This course is a continuation of Beginning German, building upon the basic language concepts. It expands abilities in the fundamentals of German grammar, pronunciation, phonetics, drill in rhythm and intonation, reading, writing as well as an introduction to German culture. (3 credits, 3 Lecture)

FLG 230**2nd Year French I**

Prerequisite: FLG 131

Grammar and exercises in composition, conversation and reading. Reading of advanced literacy works. (3 credits, 3 Lecture)

FLG 231**2nd Year French II**

Grammar and exercise in composition, conversation and reading. Readings of advanced literary works. (3 credits, 3 Lecture)

FLG 240**2nd Year Spanish I**

Prerequisite: FLG 141

Will further comprehension of grammar, conversation and composition. Study of Spanish cultures through reading and discussion of selected literary works. (3 credits, 3 Lecture)

FLG 241**Second Year Spanish II**

Prerequisite: FLG 240

Study of advanced grammar, composition and conversation. Reading and discussion of selected literary works and cultural orientation. (3 credits, 3 Lecture)

FLG 251**Intermediate German I**

Prerequisite: FLG 151

This course is designed for students to expand and deepen their knowledge of German grammar, pronunciation, phonetics, rhythm and intonation, reading, writing and German culture. Instruction will emphasize the four modes of expression as well as culture. (3 credits, 3 Lecture)

FLG 252**German Conversation II**

Prerequisite: FLG 251

This course is designed for students to continue to expand and deepen their

knowledge of German grammar, pronunciation, phonetics, rhythm and intonation, reading, writing and German culture. Instruction will emphasize the four modes of expression as well as culture. (2 credits, 2 Lecture)

GEOGRAPHY (GEO---)**GEO 140****World Geography****IAI S4 900N**

This course is about the world's great realms, surveyed and discussed in geographic perspective. It links human society and culture to the world's natural environment and climates. (3 credits, 3 Lecture)

GEOSPATIAL INFORMATION SYSTEMS (GIS---)**GIS 090****Introduction to Geospatial Technology**

Introduction to basic Geographic Information Systems (GIS) concepts, using the ArcGIS-ArcView GIS software program. Course will focus on developing both a theoretical background in the technology and real world applications using GIS techniques. Course Level Fee 4 (4 credits, 3 Lecture, 2 Lab/Lab-Discussion)

GIS 091**Advanced GIS**

Prerequisite: GIS 090 or ESC 106 or Consent of instructor

This course provides an introduction to advanced applications of Geographic Information Systems (GIS) using ArcView and ArcInfo. Focus will be placed on technician level issues associated with data capture and associated quality control issues associated with developing accurate information. Course Level Fee 1 (3 credits, 1.5 Lecture, 3 Lab/Lab-Discussion)

GIS 095**Geospatial Technology Internship**

Prerequisite: GIS-090 and GIS-091

A directed field study program whereby students will apply classroom instruction to real-world Geographic Information Systems (GIS) projects in the community. Students should complete GIS-090 and GIS-091 and arrange for an advisor prior to enrolling in an internship. (3 credits, 15 Lab/Lab-Discussion)

HEALTH EDUCATION (HED---)**HED 046****Food Service Sanitation**

This course covers the principles of food microbiology, sources, and types of foodborne illness, personal hygiene, and all other rules and regulations for the safe handling of food. (Variable Credit 0.5/2 credits, 2 Lecture)

HED 102**Nutrition**

A course in nutritional education including: food groups, diet goals, energy nutrients,

digestion, absorption and metabolism. Water, vitamins, and minerals will be studied. Diet analysis and disease of digestion will be covered. (3 credits, 3 Lecture)

HED 177**First Aid Review**

Prerequisite: HED 178 or HED 179 or CPR card

A review of the latest methods used in cardiopulmonary resuscitation. A renewed CPR card will be given at the successful completion of the course. (0.5 credits, 0.5 Lecture)

HED 178**Responding to Emergencies**

The purpose of the American Red Cross Responding to Emergency course is to provide the citizen responder with the knowledge and skills necessary in an emergency to help sustain life. Course Level Fee 3 (2 credits, 2 Lecture)

HED 179**Advanced 1st Aid and CPR**

Studies all phases of advanced first aid and safety. Also includes Cardiopulmonary resuscitation (CPR). Students receive an Advanced First Aid card and a CPR card with the successful completion of the course. Course Level Fee 3 (3 credits, 3 Lecture)

HED 200**Principles of Health**

This course is designed to explore the most important health issues current and past. Helping students to make responsible decisions that will affect them throughout their life. Focus will be on interrelating behavior with one's own health decisions. (3 credits, 3 Lecture)

HED 270**Community Health**

A study of public health, school health, occupational health, social and recreational services and self-care. (3 credits, 3 Lecture)

HED 290**Disease Processes**

Prerequisite: BIO 100

The course details with the epidemiology of the major communicable diseases and the causative factors of the degenerative diseases. Historical aspects of diseases are studied. The system of human immunity is the second unit covered. (2 credits, 2 Lecture)

HEAT VENT AIR COND REFG (HVC---)**HVC 060****HVACR Blueprint Reading**

This course prepares students to read and interpret blueprints for heating, ventilation, air conditioning and refrigeration systems. Students learn how to employ proper drafting techniques to develop a set of plans and prepare an estimate of cost for a project. Course Level Fee 1 (4 credits, 2 Lecture, 4 Lab/Lab-Discussion)

HVC 062**Intro to HVACR Electricity**

This course covers principles of electricity as used in the HVACR industry including circuits, electrical theory and schematic interpretation.

Students learn to use hand tools and test equipment. Safety and application of math skills are stressed. Employability skills are introduced. Course Level Fee 1 (4 credits, 3 Lecture, 2 Lab/Lab-Discussion)

HVC 064

Refrigeration I

This course covers the basic refrigeration cycle, as well as refrigeration components and types of refrigerants. Students work with tools and gauges, measure temperatures and pressures and practice refrigeration safety procedures. Course Level Fee 1 (3 credits, 1.5 Lecture, 3 Lab/Lab-Discussion)

HVC 066

Refrigeration II

Prerequisite: IND 043

This course covers compressors, valves, and metering devices. The course also covers domestic refrigerator and freezer systems. The student will gain hands on training installation, trouble shooting, service, and repair of domestic refrigerators. Reclaiming procedures are also covered. Course Level Fee 1 (4 credits, 3 Lecture, 2 Lab/Lab-Discussion)

HVC 068

Air Conditioning I

Prerequisite: HVC-066

This course covers air: movement, quality, distribution, and ventilation. Course Level Fee 1 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

HVC 070

Air Conditioning II

Prerequisite: HVC-068

This course covers: ductless and central air-conditioning, absorption and evaporative cooling, humidity control, thermostats, heating and cooling loads, air conditioning installation and troubleshooting/service. Course Level Fee 1 (5 credits, 2 Lecture, 6 Lab/Lab-Discussion)

HVC 072

Heat Generating Systems

Prerequisite: HVC 066

This course covers: forced-air heating fundamentals, hydronic heating fundamentals, heat pumps, gas-fired heating systems, oil-fired heating systems, electric heating systems, and heating system installation/service. Course Level Fee 1 (5 credits, 2 Lecture, 6 Lab/Lab-Discussion)

HVC 074

Pipe & Ductwork Installation

This course covers ductwork fabrication and installation. An introduction to fabrication practices and procedures, layout, and heating and refrigeration piping is provided. Safety practices are stressed. Course Level Fee 1 (4 credits, 1 Lecture, 6 Lab/Lab-Discussion)

HISTORY (HIS---)

HIS 150

History of Illinois

Describe Indian cultures, French rule, and problems of early statehood; assess patterns of settlement; describe impact of Civil War and trace the economic transition to an industrial power; assess 20th Century changes and current states problems. (3 credits, 3 Lecture)

HIS 153

History/Culture of Third World

IAI H2 903N

The course will introduce the student to history and culture in the third world from ancient civilizations to the modern era. This course will focus upon broad themes in history and culture and will examine those themes in each major historical era. (3 credits, 3 Lecture)

HIS 155

History of the U.S. I

IAI S2 900

A survey of early American history viewed with an emphasis on the political, social, economic, and ideological foundations of the Republic. Major topics include colonialism, revolution, federalism, nationalism, sectionalism, expansion, slavery, religion, Civil War. (3 credits, 3 Lecture)

HIS 156

History of the U.S. II

IAI S2 901

Views U.S. History since the end of Reconstruction with emphasis on how the domestic and international conflicts helped shape our modern society. (3 credits, 3 Lecture)

HIS 250

Western Civil to 1660

IAI H2 901

A survey of the political, economic, cultural and social development of Western Civilization to 1660. Topics include prehistory, ancient near east, Greco-Roman world, Germanic migrations, middle ages, Renaissance and Reformation, and the beginnings of the Modern World. (3 credits, 3 Lecture)

HIS 252

West Civil/1660-Present

IAI H2 902

Survey of Western Civilization with topics including absolutism, the rise of modern science, the French Revolution, the Industrial Revolution, the Age of Ideology, Imperialism, the Russian Revolutions, World War I, the Rise of Totalitarianism, World War II and the Contemporary Age. (3 credits, 3 Lecture)

HORTICULTURE (HRT---)

HRT 061

Woody Plants Identification

A study in the identification of deciduous trees and shrubs used primarily in landscaping. Emphasis is placed on cultural requirements of the plants, their natural habitat, and plant usage. Course Level Fee 1 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

HRT 062▼

Vegetable Crop Production

Prepares students for successfully growing vegetable crops. Course will include each crop's botany, origin, history, and economic importance, optimum production practices, diseases, insect pests and nutritional requirements, plant breeding objectives. Soil health, cover crops, rotation, handling and marketing covered. (Repeatable 3 times). (3 credits, 3 Lecture, 2 Lab/Lab-Discussion)

HRT 063

Evergreen/Vines & Ground Cover

A study in the identification, selection, use, propagation, and cultural requirements of woody and herbaceous ground covers, vines, needled evergreens, and broad-leaved evergreen plants. Course Level Fee 1 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

HRT 066

Turf Management

Methods of establishment and maintenance of turfgrass for lawns, public grounds, and recreational areas. Also includes the identification and management of plant and soil materials in different environments. Course Level Fee 1 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

HRT 071

Herbaceous Perennial Plants

A study in the identification, selection, and use of herbaceous plants primarily used in the landscape, including perennials, biennials, ornamental grasses, wildflowers and specialty annuals. Emphasis is placed on cultural requirements of the plants, propagation, and plant usage. Course Level Fee 1 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

HRT 072

Herbaceous Annual Plants

Covers the identification and use of flowering (bedding) annuals, specialty annuals, and tropical plants used for outdoor displays. Improvement in selection, changes in marketing and branding, and new trends are discussed. Emphasis is placed on use in the Illinois landscape. Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

HRT 076

Greenhouse Mgt and Production

A study of the commercial production of floricultural crops, including greenhouse construction, management and operation. Attention will be given to the production of better plants through the study of temperature, light, soil, nutrition, scheduling, propagation methods, and plant breeding. Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

HRT 081

Landscape Design

This class will cover the basic principles of landscape design, methods and techniques of the landscape design process for residential and commercial settings, including an appreciation of various landscape theories and objectives, art in landscape design, and special landscape problems. Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

HRT 082

Landscape Construction & Maint

Students will learn construction methods for residential and small commercial landscapes; selection and installation of plants; techniques and uses of materials related to various landscape features; prepare cost estimates; control of landscape diseases and pests; and maintenance of landscape areas. Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

HRT 083

Landscape Design II-Layout/Graphics

This course reviews the design processes and techniques as they apply to residential landscape designs and integrates them into landscape projects. Course will include pen and ink graphic design techniques, freehand sketching, preparing quick designs, perspective sketching, and color drawing. Course Level Fee 1 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

HRT 091

Supervised Occupational Experience I

This course provides introductory on the job experience as a full-time employee in selected horticulture production or landscaping. Course Level Fee 3 (3.5 credits, 0 Lecture, 17.5 Lab/Lab-Discussion)

HRT 092

Supervised Occupational Experience II

This course provides intermediate level on the job experience as a full-time employee in selected horticulture production or landscaping occupation. Course Level Fee 3 (2.5 credits, 0 Lecture, 12.5 Lab/Lab-Discussion)

HRT 093

Supervised Occupational Experience III

This course provides advanced on the job experience as a full-time employee in selected horticulture production or landscaping occupation. Course Level Fee 3 (3 credits, 0 Lecture, 15 Lab/Lab-Discussion)

HRT 201

Introduction to Horticulture

IAI AG 905

A study and introduction to the principles and practices involved in the development, production, and use of horticultural crops (fruits, vegetables, greenhouse, turf, nursery, floral, and landscape). Course will include a broad overview of the green industry including propagation, production and design. Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

HUMAN SERVICES (HSP---)

HSP 053

Work Experience Seminar I

This course accompanies the field experience class. These seminars give opportunity to provide individual assessment and assist with job competence. (1 credits, 1 Lecture)

HSP 054

Field Experience I

This course provides 150 hours of supervised employment in various human service agencies. Course Level Fee 3 (2 credits, 10 Lab/Lab-Discussion)

HSP 055

Work Experience Seminar II

Prerequisite: HSP 053 and HSP 054

This course accompanies the field experience class. Seminars give opportunity to provide individual assessment and assist with job competence. (1 credits, 1 Lecture)

HSP 056

Field Experience II

Prerequisite: HSP 053 and HSP 054

This course provides 150 hours of supervised employment in various human service agencies. Course Level Fee 3 (2 credits, 10 Lab/Lab-Discussion)

HSP 057

Work Experience Seminar III

Prerequisite: HSP 055 and HSP 056

This course accompanies the field experience class. These seminars give opportunity to provide individual assessment and assist with job competence. (1 credits, 1 Lecture)

HSP 058

Field Experience III

Prerequisite: HSP 055 and HSP 056

This course provides 150 hours of supervised employment in various human service agencies. Course Level Fee 3 (2 credits, 10 Lab/Lab-Discussion)

HSP 065

Intro to Substance Abuse

This course encompasses social, psychological, and medical views of drug use. The historical evolution of drug use and regulation, the differences between drug use, misuse, and abuse and their consequences. (3 credits, 3 Lecture)

HSP 101

Dynamics of Domestic Violence

Study of dynamics of Domestic Violence, focusing on program philosophy, cultural diversity, direct relation of substance abuse, crisis intervention, understand IL Domestic Violence Act, criminal aspects, battering treatment & how Domestic Violence affects children & our society. (3 credits, 3 Lecture)

HSP 102

Behavior Management

This course introduces the learning principles of behavior modification, measurement and strategies to change human behaviors in educational and clinical settings. (3 credits, 3 Lecture)

HSP 103

Foundations of Human Services

Foundations in the discipline of human services, including: Historical origins, ethics and values, skill development, roles of the profession, Career opportunities, challenges, examination of diverse and at-risk populations, and policy issues in human services. (3 credits, 3 Lecture)

HSP 120

Introduction to Social Work

An introduction to generalist practice: Historical origins, values and ethics, practice methods, research considerations, and policy issues in social work. Examination of diverse and at-risk populations; the wide variety of problems workers confront, knowledge and skills of the worker. (3 credits, 3 Lecture)

HSP 122

Social Welfare

A study of the history, purpose, philosophy, methods and values governing social welfare, with an overview of the American social welfare system, programs and structure of service delivery. Examination of the relationships among social welfare systems and institutional structures. (3 credits, 3 Lecture)

HUMANITIES (HUM---)

HUM 120

Myths and Legends

IAI H9 901

Prerequisite: ENG 120; minimum grade of "C"

An introduction to major myths and legends spanning from Ancient Greece to Modern America with an emphasis on how the motifs, archetypes, and themes are consistently revived in popular culture. (3 credits, 3 Lecture)

HUM 150

Humanities Through the Arts

IAI HF 900

Students will survey the human condition as revealed through the arts, including an examination of painting, sculpture, architecture, literature, drama, film, photography, and music. (3 credits, 3 Lecture)

HUM 151

Nature in the Humanities

IAI H9 900

Prerequisite: ENG 120 with a minimum grade of 'C'

An interdisciplinary study of literary, philosophical and historical relationships between the natural environment and the human condition. Focus will be placed on the appreciation of nature and its effect on human endeavor. (3 credits, 3 Lecture)

HUM 181

Intro to Film Appreciation

IAI F2 908

Students will enrich their knowledge of film art and their abilities to critically analyze and evaluate films. By viewing and discussing a variety of films, students will understand film techniques, directorial styles, genres, structure, critical approaches, and cultural influences. Course Level Fee 1 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

INDEPENDENT STUDY (INS---)

INS 099

Portfolio Develop

Students will analyze and evaluate their learning, skills, and talents in order to develop a portfolio consisting of transcripts, tests, training programs, workshops which can be evaluated for college credit. In preparing portfolio, students will clarify educational, career, and personal objectives. (2 credits, 2 Lecture)

INS 200▼

Internship Experience

This supervised internship experience at a business or organization is customized to meet the needs of students through collaboration between the supervising faculty member and the Career Services office. (Repeatable 3 Times) (Variable Credit 0.5/4 credits, 20 Lab/Lab-Discussion)

INS 299▼

Independent Study

(Repeatable 3 Times)

For more information about this course or to secure a contract to take an independent

study please contact the Associate Vice President for Educational Services (217) 234-5427.(Variable Credit 0.5/4 credits, 4 Lecture)

INDUSTRIAL MAINTENANCE (IND---)

IND 042

Pipefitting Procedures

Focuses on the basic principles of installation and maintenance of industrial piping systems. Mechanical joining methods are stressed. Course Level Fee 1 (1 credits, 0.5 Lecture, 1 Lab/Lab-Discussion)

IND 043

Refrigeration Fundamentals

Prerequisite: EET 050 or MET 042

This course covers the basic refrigeration cycle, as well as refrigeration components and types of refrigerants. Students work with tools and gauges, measure temperatures and pressures and practice refrigeration safety procedures. Course Level Fee 2 (4 credits, 3 Lecture, 2 Lab/Lab-Discussion)

IND 044

Fluid Power

Provides the mechanic with the basic concepts of pneumatics and hydraulics. It will concentrate on fluid power components and their purpose. Course Level Fee 1 (3 credits, 2.5 Lecture, 1 Lab/Lab-Discussion)

IND 045

Heat Vent A/C II

Prerequisite: IND 043

Continues study of Heating, Ventilating, and Air Conditioning I. Course studies various types of heating, ventilating, and air conditioning systems, applications, load calculations, psychrometric principles, plus maintenance, repair and servicing of refrigeration units. Course Level Fee 1 (4 credits, 2 Lecture, 4 Lab/Lab-Discussion)

IND 046

Basic Electrical Maintenance

Provides the student with the basic electrical theory and hands-on experience using a variety of basic test equipment. Course Level Fee 1 (3 credits, 2.5 Lecture, 1 Lab/Lab-Discussion)

IND 052

Electrical Installation Procedures

Prerequisite: MET 040 and MET 042

Focuses on the methods and materials used in electrical installation, and the problems encountered in construction work. The National Electrical Code is used as a guide. Course Level Fee 1 (2.5 credits, 1 Lecture, 3 Lab/Lab-Discussion)

IND 054

Trouble Shooting and Preventative Maint

Prerequisite: MET 040 and MET 042 and IND 044

Provides those skills and insights necessary to detect and solve problems which occur in industrial machinery. Includes procedures aimed at prevention rather than emergency action. Course Level Fee 1 (Variable Credit 0.5/3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

IND 056▼

Pneumatic Controls

Prerequisite: PPT 050

This course is designed to provide a basic understanding of pneumatic control systems related to power plant technology. Students learn industry-relevant skills including how to operate, install, and analyze performance of basic pneumatic systems. (Repeatable 3 Times) Course Level Fee 2 (3 credits, 1.5 Lecture, 3 Lab/Lab-Discussion)

IND 058▼

Industrial Pumps

This course is designed to provide a basic understanding of repair and maintenance of industrial centrifugal and positive displacement pumps. Students learn industry-relevant skills including how to: install, maintain, troubleshoot, analyze performance, and select centrifugal and positive displacement pumps. (Repeatable 3 Times) Course Level Fee 2 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

IND 060▼

Industrial Valves

This course is designed to provide a basic understanding of industrial control valves and actuators. Students learn industry-relevant skills including how to: operate, install, maintain, and analyze performance of control valves and actuators. (Repeatable 3 Times) Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

IND 062▼

Rigging and Hoisting

This course is designed to provide a basic understanding of hoisting and rigging equipment. Safety regulations will be discussed along with determination of safe working loads and proper care of equipment. (Repeatable 3 Times) Course Level Fee 3 (1 credits, 1 Lecture)

INFORMATION TECHNOLOGY TRAIN (ITT---)

ITT 040▼

IT Computer Applications Crt Internship

Prerequisite: Completion of 15 semester hours in IT Computer Applications certificate with 2.0 minimum GPA

Designed to give Computer Applications students on-the-job experience. The students must work in a computer-related area. (Repeatable 3 Times) (1 credits, 5 Lab/Lab-Discussion)

ITT 041▼

IT Computer Apps Degree Internship

Prerequisite: Completion of 50 semester hours in IT Computer Applications program with 2.0 minimum GPA

Designed to give Computer Applications students on-the-job experience. The students must work in a computer-related area. (Repeatable 3 Times) (2 credits, 2 Lecture, 10 Lab/Lab-Discussion)

ITT 042▼

IT Net Admin Cert Internship

Prerequisite: Completion of 15 semester hours in IT Network

Administration certificate with 2.0 minimum GPA Designed to give Network Administration students on-the-job experience. The students must work in the community in a computer related area. (Repeatable 3 Times) (1 credits, 5 Lab/Lab-Discussion)

ITT 043▼

IT Network Admin Degree Internship

Prerequisite: Completion of 50 semester hours in IT Network Administration program with 2.0 minimum GPA

Designed to give Network Administration students on-the-job experience. The students must work in the community in a computer related area. (Repeatable 3 Times) (2 credits, 1 Lecture, 10 Lab/Lab-Discussion)

ITT 044▼

IT Programming Certificate Internship

Prerequisite: Completion of 15 semester hours in IT Programming Certificate with 2.0 minimum GPA

Designed to give programming students on-the-job experience. The students must work in a computer-related area. (Repeatable 3 Times) (1 credits, 5 Lab/Lab-Discussion)

ITT 045▼

IT Programming Degree Internship

Prerequisite: Completion of 50 semester hours in IT Programming Degree with 2.0 minimum GPA

Designed to give programming students on-the-job experience. The students must work in a computer-related area. (Repeatable 3 Times) (2 credits, 1 Lecture, 10 Lab/Lab-Discussion)

ITT 046▼

IT Web Technology Cert Internship

Prerequisite: Completion of 15 semester hours in IT Web Technology certificate with 2.0 minimum GPA

Designed to give Web Technology students on-the-job experience. The students must work in the community in a computer related area. (Repeatable 3 Times) (1 credits, 5 Lab Lab-Discussion)

ITT 047▼

IT Web Technology Degree Internship

Prerequisite: Completion of 50 semester hours in IT Web Technology degree with 2.0 minimum

Designed to give Web Technology students on-the-job experience. The students must work in the community in a computer related area. (Repeatable 3 Times) (2 credits, 1 Lecture, 10 Lab/Lab-Discussion)

ITT 048▼

IT Digital Media Certificate Internship

Prerequisite: Completion of 15 semester hours in IT Digital Media with 2.0 minimum GPA

Designed to give Digital Media Specialist students on-the-job experience. The students must work in the community doing video, web, or animation production. (Repeatable 3 Times) Course Level Fee 2 (1 credits, 5 Lab/Lab-Discussion)

ITT 049▼**Introduction to Digital Video**

An introductory course covering the basic terminology, techniques, and equipment used in professional and prosumer video productions. The concentration will be on understanding fundamentals as the techniques and editing of the video will be covered in a later class. (Repeatable 3 Times) (2 credits, 2 Lecture)

ITT 050▼**IT Game Development Cert Internship**

Prerequisite: Completion of 15 semester hours in IT Game Development certificate with 2.0 minimum GPA

Designed to give Game Development students on-the-job experience. The students must work in the community in an animation, modeling or programming related area. (Repeatable 3 Times) (1 credits, 5 Lab/Lab-Discussion)

ITT 053**Digital Media Arts**

Prerequisite: CIS 088

An introduction to using digital technology to produce artistic creations on the computer. Students will learn basic art theories of design, color, typography, and visual elements and how to apply them in a digital environment. Course Level Fee 2 (3 credits, 3 Lecture)

ITT 054▼**Mobile Application Development**

Prerequisite: CIS 156 or consent of Instructor

This course is a study of mobile device programming. Development of mobile applications including user interfaces, user input, variables, icons, decision making, lists, arrays, web browsers, audio, pictures, tablets, animation, Google maps, and publishing are covered. (Repeatable 3 times) Course Level Fee 3 (3 credits, 3 Lecture)

ITT 063**Innovation I**

This course examines the history, technology, and progression of innovation and innovative ideas in IT, robotics, electronics, and DIY makerspace environments. The tools and techniques used in the innovation lab will be explored. Course Level Fee 3 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

ITT 064▼**Innovation II**

A practical, lab-based class that concentrates on the design, development, and implementation of physical and electronic computer interfaces. The goal is to extend the reality of computer use and/or game play using both currently available and custom hardware and software. (Repeatable 3 Times) Course Level Fee 2 (3 credits, 6 Lab/Lab-Discussion)

ITT 066▼**Indie Game Development Lab**

This course is a production class that mimics the game development environment in an indie development house. Methods of production will be covered, options will be discussed and assignments will be made based on skill and ability. (Repeatable 3 Times) Course Level Fee 2 (3 credits, 6 Lab/Lab-Discussion)

ITT 068▼**Digital Video Effects**

Prerequisite: CIS 066 or instructor consent

This course is a continuation of post-production techniques that includes but is not limited to compositing, chromakeying, rotoscoping, motion tracking, matte effects, 3D production techniques and motion graphics. (Repeatable 3 Times) Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

ITT 071**Web Scripting I**

Prerequisite: CIS 099 and CIS 156

This course focuses on developing web applications using advanced HTML5, CSS3, and introduces Javascript. Course Level Fee 2 (3 credits, 3 Lecture)

ITT 072**Web Scripting II**

Prerequisite: ITT 071

This course focuses on developing web applications using JavaScript frameworks and introduces PHP. Course Level Fee 2 (3 credits, 3 Lecture)

ITT 073**Web Scripting III**

Prerequisite: ITT 072 and CIS 095

This course focuses on developing web applications using JavaScript frameworks, PHP, and a MySQL Database. Course Level Fee 2 (3 credits, 3 Lecture)

INTENSIVE ENGLISH LANGUAGE (IEL---)**IEL 001▼****Beg Reading/Vocabulary I**

Prerequisite: Placement in the course is based upon formal and informal assessment by Intensive English Language staff.

The course is designed for students with limited knowledge of English reading and vocabulary fundamentals. Students will be taught basic phonics and alphabet skills. Emphasis will be placed on reading simple passages containing basic vocabulary and expressions necessary to function in everyday life. (Repeatable 3 Times)(5 credits, 3 Lecture, 4 Lab/Lab-Discussion)

IEL 003▼**Beg Grammar/Writing I**

Prerequisite: Placement in the course is based upon formal and informal assessment by Intensive English Language staff.

The course is intended for students with limited knowledge of English grammar and writing. Students will be taught sentence structure and rules of grammar and will begin to use English in writing simple sentences and basic paragraphs. (Repeatable 3 Times) (5 credits, 3 Lecture, 4 Lab/Lab-Discussion)

IEL 005▼**Beg Speaking/Listening I**

Prerequisite: Placement in the course is based upon formal and informal assessment by Intensive English Language staff.

The course is designed for students with limited knowledge of spoken English. Student will concentrate on improving oral English skills in order to function in everyday life and in academic settings. Practice will include working with phonics, conversation, and listening. (Repeatable 3 Times)(4 credits, 2 Lecture, 4 Lab/Lab-Discussion)

IEL 007▼**Int Reading/Vocabulary I**

Prerequisite: Placement in the course is based upon formal and informal assessment by Intensive English Language staff.

The course is intended to develop vocabulary and reading at the intermediate level. Students will review phonics, expand vocabulary, practice outlining and summarizing, and increase their comprehension through work on reading for the main idea, and recognizing supporting details. (Repeatable 3 Times)(5 credits, 3 Lecture, 4 Lab/Lab-Discussion)

IEL 009▼**Int Grammar/Writing I**

Prerequisite: Placement in the course is based upon formal and informal assessment by Intensive English Language staff.

The course is designed to increase knowledge of grammar and writing techniques at the intermediate level. Students will review and expand on English grammar rules and sentence structures and will use English to write compound and complex sentences, paragraphs, and short papers. (Repeatable 3 Times) (5 credits, 3 Lecture, 4 Lab/Lab-Discussion)

IEL 011▼**Int Speaking/Listening I**

Prerequisite: Placement in the course is based upon formal and informal assessment by Intensive English Language staff.

The course is designed to improve speaking and listening skills at the intermediate level. Students will expand their ability to converse in English and work on improving their oral skills for everyday interaction and for academic settings. (Repeatable 3 Times) (4 credits, 2 Lecture, 4 Lab/Lab-Discussion)

IEL 013▼**Adv Reading/Vocabulary I**

Prerequisite: Placement in the course is based upon formal and informal assessment by Intensive English Language staff.

The course is designed to improve reading and vocabulary skills for students at the advanced level. Emphasis will be placed on expanding vocabulary and developing the ability to read college level texts, newspapers, magazines, and journals. (Repeatable 3 Times) (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

IEL 015▼**Adv Grammar/Writing I**

Prerequisite: Placement in the course is based upon formal and informal assessment by Intensive English Language staff.

The course is designed to assist the non-native speaker in attaining an advanced knowledge of English grammar and writing. Students will study skills needed in college level composition classes. (Repeatable 3 Times) (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

IEL 017▼

Adv Speaking/Listening I

Prerequisite: Placement in the course is based upon formal and informal assessment by Intensive English Language staff.

The course is designed to improve speaking and listening skills for students at the advanced level. English of a more complex nature will be stressed. Emphasis will be on oral communication skills for academic application. (Repeatable 3 Times) (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

IEL 019

Beg English Non-Native Speaker

Prerequisite: Placement in the course is based upon formal and informal assessment by Intensive English Language staff.

The course is designed for students with limited knowledge of English. Students will be introduced to basic English phonics and alphabet skills and will begin to learn reading, grammar, speaking, and listening in English. (5 credits, 4 Lecture, 2 Lab/Lab-Discussion)

IEL 021

Int English Non-Native Speaker

Prerequisite: Placement in the course is based upon formal and informal assessment by Intensive English Language staff.

The course is intended to develop vocabulary, reading, grammar, and oral English skills at the intermediate level. Students will review and expand reading and writing skills and improve oral English skills. (5 credits, 4 Lecture, 2 Lab/Lab-Discussion)

IEL 023

Adv English Non-Native Speaker

Prerequisite: Placement in the course is based upon formal and informal assessment by Intensive English Language staff.

The course is designed for students at the advanced level. Emphasis will be placed on attaining an advanced proficiency in reading, grammar and writing, speaking, and listening as it relates to academic achievement and success. (5 credits, 4 Lecture, 2 Lab/Lab-Discussion)

JOHN DEERE TECH (JDA---)

JDA 041

John Deere SOE I

Prerequisite: ENG 050 or ENG 120 and JDA 080 and JDA 073 and JDA 091 and JDA 111 and TEC 048 and JDA 071 and JDA 086 and JDA 092 and ECO 130 and JDA 072 and JDA 094 and HED-178 or instructor consent

Students will receive on-the-job experience in a John Deere dealership. This will allow them to practice and utilize the skills and knowledge learned previously. This work will be supervised by the sponsoring dealership and a Lake Land College John Deere Ag Tech instructor. Course Level Fee 3 (2 credits, 20 Lab/Lab-Discussion)

JDA 042

John Deere SOE II

Prerequisite: JDA 041

Students will receive on-the-job experience in a John Deere dealership. This will allow them to practice and utilize the skills and knowledge learned previously. This work will be supervised by the sponsoring dealership and a Lake Land College John Deere Ag Tech instructor. Course Level Fee 4 (4 credits, 20 Lab/Lab-Discussion)

JDA 043

John Deere SOE III

Prerequisite: JDA 042 and JDA 087 and JDA 050 and JDA 051 and SPE 111 and JDA 095 and JDA 082 and JDA-113 or instructor consent

Students will receive on-the-job experience in a John Deere dealership. This will allow them to practice and utilize the skills and knowledge learned previously. This work will be supervised by the sponsoring dealership and a Lake Land College John Deere Ag Tech instructor. Course Level Fee 4 (4 credits, 20 Lab/Lab-Discussion)

JDA 050

John Deere Engine Systems

An introduction to John Deere engines and their systems. Basic theory of engine principles will be discussed along with diagnosis and repair of intake and exhaust, cooling, lubrication systems, cylinder heads, bearings, and crankshafts. Course Level Fee 3 (3 credits, 1 Lecture, 4 Lab/Lab-Discussion)

JDA 051

JD Tillage & Seeding Equipment

This class is an introduction to John Deere tillage and seeding equipment including theory and principles of operation, set-up and adjustment, trouble-shooting, and repair. Course Level Fee 2 (3 credits, 1 Lecture, 4 Lab/Lab-Discussion)

JDA 054

Jd Turf & Utility Equipment

Prerequisite: JDA 080 and JDA 073 and JDA 111

This course is a study of John Deere consumer and commercial equipment. Operation, diagnosis, and repair of internal combustion engines, engine ignition systems, electrical and safety systems, fuel systems, and mowing attachments will be covered. (Repeatable 1 Time) Course Level Fee 2 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

JDA 071

John Deere Power Trains

Theory of power transmission from engine to traction wheels. Includes the function and operation of gears, chains, clutches, planetary gears, drive lines, differentials, and transmissions. Complete disassembly, inspection, and reassembly of John Deere

components will occur. Also, diagnosis, repair, and adjustment of John Deere transmissions will be covered. Course Level Fee 3 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

JDA 072

JD Advanced Power Trains

Prerequisite: JDA 071

Students will put into practice the theories of diagnosis, disassembly, inspection, repair and reassembly of John Deere power train components. These components will include clutches, transmissions, differential, and final drives for both combines and tractors. Course Level Fee 3 (3 credits, 1 Lecture, 4 Lab/Lab-Discussion)

JDA 073

JD Shop Skills & Fundamentals

Procedures with respect to shop safety and organization, identification and proper use of tools, use of measuring equipment, plus orientation to John Deere manuals, warranty procedures, shop tickets, and product identification evolution. (Repeatable 1 Time) Course Level Fee 2 (3 credits, 1.5 Lecture, 3 Lab/Lab-Discussion)

JDA 080

John Deere Electrical Systems

Basic electrical principles and applications of magnetism, electromagnetism, and the safe utilization of electrical test meters. Principles of operation, testing, and repair of ignition systems, cranking systems, and charging systems will be demonstrated and practiced. (Repeatable 1 Time) Course Level Fee 3 (3.5 credits, 2 Lecture, 3 Lab/Lab-Discussion)

JDA 082

Jd Advanced Elect/Electronic Sys

Prerequisite: JDA 080

Designed to develop and strengthen the student's knowledge in electrical/electronic systems. Upon completion the student will be able to properly use service equipment to diagnose electronically controlled components and monitor systems used on tractors, planting, and harvesting equipment. Course Level Fee 3 (3.5 credits, 1.5 Lecture, 4 Lab/Lab-Discussion)

JDA 086

John Deere Combine Production

Prerequisite: JDA 080 and JDA 091 and TEC 048 and JDA 111 and JDA 073

This course is a study of the theory and principles of operation of John Deere conventional and STS combines, corn heads, and grain platforms. Pre-delivery, set-up, and adjustment of combines and headers will be performed. Course Level Fee 3 (2.5 credits, 1.5 Lecture, 2 Lab/Lab-Discussion)

JDA 087

John Deere Fuel Systems

Prerequisite: JDA 042 or instructor consent

Basic understanding of the operating principles of John Deere fuel systems. Students will also learn diagnosis, removal, installation, and repair of John Deere mechanical and electrical-electronic fuel system components. Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

JDA 091**John Deere Hydraulics I**

Prerequisite: Enrolled in John Deere Tech Program

Covers principles and application of theory, construction, fluid flow and testing of components used on John Deere tractors, combines, and consumer and commercial equipment. Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

JDA 092**John Deere Hydraulics II**

Prerequisite: JDA 091

A study of John Deere tractor and combine and sprayer hydraulic systems. Emphasis will be placed on diagnosis and repair of hydraulic and hydrostatic drive systems. Course Level Fee 2 (3 credits, 1 Lecture, 4 Lab/Lab-Discussion)

JDA 094**John Deere Air Cond Systems**

Theory and principles of operation, diagnosis, and repair of John Deere heating and air conditioning systems. Students will also become certified to comply with state and federal laws. Course Level Fee 3 (2.5 credits, 1 Lecture, 3 Lab/Lab-Discussion)

JDA 095**John Deere Equip Diagnostics**

This class will provide the student with an opportunity to develop proper diagnostic skills needed at a dealership. Course Level Fee 3 (3 credits, 1 Lecture, 4 Lab/Lab-Discussion)

JDA 111▼**John Deere Ag Software**

Use of computers as required by John Deere dealership service employees. Emphasis will be on locating service diagnostic and repair information. (Repeatable 1 Time) Course Level Fee 2 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

JDA 113▼**John Deere Apex Software**

Use of computers and machines to become familiar with precision agriculture and global positioning systems installed on farm equipment and proper operation and repair of these units. (Repeatable 3 Times) Course Level Fee 1 (2 credits, 2 Lecture)

JDA 114**John Deere Hay Equipment**

Prerequisite: Enrollment in the John Deere Tech Program

This course introduces students to John Deere Hay equipment. This equipment includes Mower-Conditioners, Hay Rakes, Small Square Balers, and Large Round Balers. Course Level Fee 2 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

JOURNALISM (JOR---)**JOR 251****Intro to Journalistic Photography**

Teaches the student basic photographic techniques, including uses of different types of cameras, principles of the taking of photographs, darkroom procedures for film development and printing, photographic editing, cutline writing, and examination of current trends in journalistic photography. Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

LAW ENFORCE/CRIMINAL JUSTICE (CJS---)**See Criminal Justice****LITERATURE (LIT---)****LIT 130****Intro to Literature****IAI H3 900**

Students will read, examine, and discuss a variety of literary works from different genres as a way to analyze and understand the value, purpose, and components of literature. (3 credits, 3 Lecture)

LIT 144**Introduction to Shakespeare**

Introduction to Shakespeare as a literary and dramatic writer; study of three Shakespeare plays in Elizabethan/Jacobean theater, ideas, culture, politics, modern critical debates and changing styles of production. Examination of individual plays; relationships, cultural, ideological, theatrical contexts and aspects. (3 credits, 3 Lecture)

LIT 147**Introduction to Fiction****IAI H3 901**

Students will read, discuss, and analyze short stories and novels written by different authors from a variety of time periods as a way of appreciating and understanding the purposes, forms, terms, and critical approaches associated with these two literacy modes. (3 credits, 3 Lecture)

LIT 150**Children's Literature**

Study of various forms and types of literature for the intellectual stimulation of the small child and storytelling and oral interpretation techniques. (3 credits, 3 Lecture)

LIT 250**Amer Literature Survey I****IAI H3 914**

Students will read and study American literary works written between 1600 - 1860 that are indicative, reflective of the time period's influential authors and evolving ideas. (3 credits, 3 Lecture)

LIT 251**Amer Literature Survey II****IAI H3 91**

Students will read, study, and examine American Literary works written after the Civil War to the present that are reflective of the time period's significant literary movements

and changing intellectual social, and political perspectives. (3 credits, 3 Lecture)

LIT 252**Multicultural American Lit****IAI H3 910D**

An introduction to the literary and cultural traditions of Native American, African American, and Hispanic American people and to general issues of cultural marginalization of minorities in the American experience. (3 credits, 3 Lecture)

LIT 260**English Lit Survey I****IAI H3 912**

Students will read and study British literary works to 1800 that are indicative and reflective of the time period's influential authors and evolving ideas. (3 credits, 3 Lecture)

LIT 261**English Lit Survey II****IAI H3 913**

Students will read and study British literary works from 1800 to the present that are indicative and reflective of the time period's influential authors and evolving ideas. (3 credits, 3 Lecture)

LIT 270**Literature/Women****IAI H3 911D**

Students will study women as both writers and characters in literature written by women in English. Students will explore important themes and ideas, as well as learn about form, technique, and literary terms. (3 credits, 3 Lecture)

LIT 274**Bible As Literature****IAI H5 901**

Students will read the Old Testament, Apocrypha, and New Testament. By studying in the Bible's many genres and tones, students will discover that after many centuries the Bible remains a compelling literary masterpiece. (3 credits, 3 Lecture)

MACHINE TOOL TECHNOLOGY (MTT---)**MTT 050****Intro to Machining Procedures**

A study designed to highlight the theory and application of cutoff machines, drill press, engine lathe, milling machines, and basic benchmark involving layout and hand tools. Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

MANUFACTURING MAINTENANCE (MMP---)**MMP 040****Manufacturing Maintenance I**

This course provides students with an introduction to the fundamentals of manufacturing and the maintenance associated with manufacturing processes. Topics include safety in the industrial setting, basic shop skills for manufacturing maintenance, and maintenance reliability. (4.5 credits, 3.5 Lecture, 2 Lab/Lab-Discussion)

MASSAGE THERAPY (MAS---)

MAS 055

Massage Therapy I

Prerequisite: Admission to Program

This course serves as an introduction to the basic principles and Swedish massage techniques. This course introduces students to the historical overview of massage therapy and specific areas of massage practice including: draping, body mechanics, centering, and client positioning. Course Level Fee 3 (5 credits, 4 Lecture, 2 Lab/Lab-Discussion)

MAS 060

A & P for Massage Therapist II

Prerequisite: BIO 050

This course provides the basic structure and function of the musculoskeletal system of the human body and basic theory of anatomy & physiology. The students will learn the origin, insertion and action of the major muscles of the human body. (4 credits, 4 Lecture)

MAS 065

Massage Therapy II

Prerequisite: MAS 055

This course is a continuation of a full body massage expanding the basic therapy and techniques of massage therapy. The student will learn alternative methods, introduction to myofascial release, deep tissue, reflexology, pregnancy massage, client assessment and SOAP writing. Course Level Fee 3 (5 credits, 4 Lecture, 2 Lab/Lab-Discussion)

MAS 067

Pathology/Massage Therapist

This is a course of the nature and cause of diseases, which involves changes in structure and function, and the conditions produced by the diseases. Student will understand the effects of specific massage treatments and how to select the most appropriate techniques for the condition. (3 credits, 3 Lecture)

MAS 070

Ethics for Massage Therapist

This course will discuss ethics dealing with a variety of situations that can occur between therapist and client. The Massage Therapist Code of Ethics will be reviewed. Student will learn about state laws and regulations governing massage therapy and licensure. (1 credits, 1 Lecture)

MAS 075

Massage Therapy III

Prerequisite: MAS 065

This course is designed to build on more contemporary and bodywork techniques. Chair massage, hydrotherapy, sports massage, trigger point therapy, spa techniques and others will be discussed and practiced. Course Level Fee 3 (5 credits, 4 Lecture, 2 Lab/Lab-Discussion)

MAS 077

Massage Clinic I

Prerequisite: MAS 065

This course is a supervised in house clinical practicum, in which the students will apply newly acquired skills of therapeutic massage

to clients, including Swedish Massage, Chair Massage, Sports Massage and Reflexology. Course Level Fee 3 (1.5 credits, 3 Lab/Lab-Discussion)

MAS 085

Massage Therapy IV

Prerequisite: MAS 075

This course will introduce the student to Asian bodywork and continue to build on additional contemporary and bodywork techniques. The student will learn new and adaptive massage techniques including floor/table Shiatsu, geriatric massage and polarity. Course Level Fee 3 (5 credits, 4 Lecture, 2 Lab/Lab-Discussion)

MAS 087

Massage Clinic II

Prerequisite: MAS 077

This course is a supervised in house clinical practicum, in which the students will apply new and previously acquired skills of therapeutic massage to clients, including Swedish Massage, Chair Massage, Sports Massage, and Shiatsu. Course Level Fee 3 (1.5 credits, 3 Lab/Lab-Discussion)

MATHEMATICS (MAT---)

MAT 005▼

Beginning Algebra

This course is for students with little or no working knowledge of elementary algebra. Emphasis is placed on manipulative skills with real numbers, solving linear equations and inequalities and systems of equations, functions, and properties of linear functions. (Repeatable 3 Times) (3 credits, 3 Lecture)

MAT 006▼

Intermediate Algebra

Prerequisite: Placement by assessment or MAT-005 grade of 'C' or higher

This course is for students with some working knowledge of elementary algebra. Emphasis is placed on exponents, polynomials, factoring, quadratic functions, rational expressions, roots and radicals. A graphing calculator is required. Ask instructor for calculator recommendation. (Repeatable 3 Times) (4 credits, 4 Lecture)

MAT 008▼

Math Literacy

This course is an introductory course integrating numeracy, proportional reasoning, algebraic reasoning and functions. It is intended for non-math and non-science majors needing MAT 125 Statistics or MAT 116 General Education. Successful completion of this course satisfies the geometry requirement. (Repeatable 3 Times) (6 credits, 6 Lecture)

MAT 009

Geometry

Prerequisite: Placement by assessment or MAT-005

This course is an introductory course in plane geometry for students with less than one year of high school geometry. Topics included, but not limited to, are: lines, angles, proofs, triangles, Pythagorean theorem, circles, various geometrical formulas and coordinate geometry. (3 credits, 3 Lecture)

MAT 016

General Education Math Co-Req

Co-Requisite: MAT 116

This is a co-requisite course for MAT-116 General Education Math that will provide individualized and group instruction on pre-requisite skills and foundational knowledge needed for MAT-116 General Education Math. It is intended for students who don't assess directly into MAT-116 General Education Math. (Repeatable 3 times) (2 credits, 2 Lecture)

MAT 025

Statistics Co-Req

Co-Requisite: MAT 125

This is a co-requisite course for MAT-125 Statistics that will provide individualized and group instruction on pre-requisite skills and foundational knowledge needed for MAT-125 Statistics. It is intended for students who don't assess directly into MAT-125 Statistics. (Repeatable 3 Times) (2 credits, 2 Lecture)

MAT 090

Math for Computer Applications

Prerequisite: Placement by assessment or MAT-005

Covers mathematical concepts used in the computer and business field. Topics include algebra; addition, subtraction, multiplication, division of decimals and fractions; hexadecimal, binary and octal number systems. Problem solving techniques will be used to solve business-related narrative problems. (3 credits, 3 Lecture)

MAT 116

General Education Math

IAI M1 904

Prerequisite: Placement by assessment or MAT-006 grade of 'C' or higher or MAT-008 grade of 'C' or higher; also 1 year HS geometry or MAT-009

Survey of mathematical topics with emphasis on solutions to real life problems. Topics will include set theory, consumer/financial math, measurement, and statistics. Problem solving projects involving detailed written solutions will be required. Calculators and computers will be used. (3 credits, 3 Lecture)

MAT 118

Math for Elem Teachers I

Prerequisite: Placement by assessment or MAT-006 grade 'C' or higher; also 1 year HS geometry or MAT-009

A course designed for Elementary Education majors. Topics include number theory, probability and statistics, development of numeration systems, sets, functions, mathematical reasoning and problem solving. Counts as general education requirement for elementary education majors when taken in sequence with MAT218. (3 credits, 3 Lecture)

MAT 125

Statistics

IAI M1 902

Prerequisite: Placement by assessment or MAT-006 grade 'C' or higher or MAT-008 grade 'C' or higher; also 1 year HS geometry or MAT-009

Application of elementary principles of descriptive statistics including frequency distribution, graphical presentation, measure of location and variation. Elements of probability, sampling techniques, binomial and normal distribution and other topics. (3 credits, 3 Lecture)

MAT 130

College Algebra

Prerequisite: Placement by assessment or MAT-006 grade of 'C' or higher; also 1 year HS geometry or MAT-009

Review of the real number system, radicals, equations, and exponents, relations and functions, logarithms, complex numbers, polynomials, and theory of equations. A graphing calculator is required. A graphing calculator is required. Ask instructor for calculator recommendation. (3 credits, 3 Lecture)

MAT 132

Trigonometry

Prerequisite: MAT-130 with grade of 'C' or higher

Study of trigonometric functions, trigonometric identities, graphing, solving trigonometric equations, inverse trigonometric functions, right triangle trigonometry, application of law of sines and law of cosines, complex numbers and vectors. A graphing calculator is required. Ask instructor for calculator recommendation. (3 credits, 3 Lecture)

MAT 140

Algebra With Trigonometry

Prerequisite: Placement by assessment or MAT-006 grade of 'C' or higher; also 1 year HS geometry or MAT-009

A unified study of the algebraic and trigonometric concepts needed for calculus. Credit not granted for both this course and College Algebra. A graphing calculator is required. Ask instructor for calculator recommendations. (5 credits, 5 Lecture)

MAT 151

C Program W/Engineering Appl

IAI EGR 922

Prerequisite: MAT-241 with grade of 'C' or higher

Introduction to the programming language C. Fundamental principles, concepts, and methods of computing with emphasis on calculus-based problem-solving techniques and applications from engineering and physical science. Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

MAT 210

Finite Mathematics

IAI M1 906

Prerequisite: Placement by assessment or MAT-130 with grade of 'C' or higher; also 1 year of HS geometry or MAT-009

An introduction to Finite Mathematics, matrices, linear systems of equations and inequalities, linear programming, counting theory and probability. (3 credits, 3 Lecture)

MAT 211

Math Analysis

IAI M1 900

Prerequisite: Placement by assessment or MAT-130 with grade of 'C' or higher; also 1 year HS geometry or MAT-009

This course covers mathematical analysis of polynomial calculus with applications to business and social sciences. It includes the mathematics of finance, techniques and applications of differentiation & integration, optimization theory and area. Graphing calculator required. Ask instructor for calculator recommendation. (4 credits, 4 Lecture)

MAT 218

Math for Elem Teachers II

IAI M1 903

Prerequisite: MAT-118 with grade of 'C' or higher

The study of the concepts and theory of measurement and geometry via the problem-solving approach, using both calculators and microcomputers throughout. Designed for Elementary Education majors. Counts as general education requirement for elementary education majors when taken in sequence with MAT-118. (3 credits, 3 Lecture)

MAT 241

Analytical Geometry and Calculus I

IAI M1 900-1,MTH901

Prerequisite: Placement by assessment or MAT-140 with grade of 'C' or higher; MAT-130 and MAT-132 may be substituted for MAT-140 with Division Chair approval; also 1 year HS geometry or MAT-009

Differential and integral calculus of elementary functions of one variable, such as polynomial, rational, radical, trigonometric, inverse trigonometric, exponential and logarithmic functions, will be covered. Applications include rates of change, optimization, curve sketching and area. A graphing calculator is required. Ask instructor for calculator recommendations. (5 credits, 5 Lecture)

MAT 242

Analytical Geometry and Calculus II

IAI M1 900-2,MTH902

Prerequisite: MAT-241 with grade of 'C' or higher

A continuation of Calculus I with emphasis on different methods of integration and applications, L' Hôpital's Rule, Sequences, series, Power series, Taylor series and Maclaurin series. A graphing calculator is required. Ask instructor for calculator recommendations. (4 credits, 4 Lecture)

MAT 243

Analytical Geometry and Calculus III

IAI M1 900-3,MTH903

Prerequisite: MAT-242 with grade of 'C' or higher

A continuation of analytic geometry and Calculus II. The focus is on solid analytic geometry, vectors, partial derivatives, line, volume and surface integrals in various coordinate systems, and vector fields. A graphing calculator is required. Ask instructor for calculator recommendations. (4 credits, 4 Lecture)

MAT 245

Differential Equations

IAI MTH 912

Corequisite: MAT-243

Designed for pre-engineering students and others who need a working knowledge of ordinary differential equations. (3 credits, 3 Lecture)

MAT 255

Linear Algebra

IAI MAT 911

Prerequisite: MAT-241 with grade of 'C' or higher

A first course in linear algebra covering linear systems, matrices, determinants, vector spaces, inner product spaces, and eigenvalues and eigenvectors, including proofs of theorems and propositions in each topic. (3 credits, 3 Lecture)

MECHANICAL ELECTRICAL TECH (MET---)

MET 040

D.C. Circuits

Corequisite: TEC 048 and TEC 050

This course introduces the student to basic theory of DC electricity. Course Level Fee 1 (2.5 credits, 1.5 Lecture, 2 Lab/Lab-Discussion)

MET 042

A.C. Circuits

Prerequisite: MET 040

This course presents the theory of AC electricity and the application of transformers and distribution equipment. Course Level Fee 1 (2.5 credits, 1.5 Lecture, 2 Lab/Lab-Discussion)

MET 043

Motors and Generators

Prerequisite: EET 050 or MET 042

This course focuses on the installation, maintenance and application of motors, equipment and controls. Course Level Fee 1 (2.5 credits, 1.5 Lecture, 2 Lab/Lab-Discussion)

MET 044

Introduction to Robotics

Introduced concepts of robotics by examining the history of robots, how robots are classified, how they fit into the manufacturing picture, and what is needed to program them. (1 credits, 1 Lecture)

MET 045▼

Mechanical Drive Systems

This course is designed to provide a basic understanding of mechanical drive systems and components. Students will learn industry-relevant skills including how to: install, analyze performance, maintain, and troubleshoot heavy duty mechanical transmission systems. (Repeatable 3 Times) Course Level Fee 3 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

MET 076

Supervised Occupational Experience

Prerequisite: Sophomore standing in Mechanical-Electrical Technology

Designed to provide work experience in field while maintaining contact with occupational

instructor for review and assistance. (Variable Credit 0.5/6 credits, 15 Lab/Lab-Discussion)

MET 080

Solid State Devices & Apps

Prerequisite: EET 050 or MET 042

Provides the student with a basic understanding of the most frequently used discrete semiconductors. Analog and digital integrated circuits also are studied. Course Level Fee 1 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

MET 084

Technical Mechanisms

Prerequisite: CAD 056 and TEC 054

Focuses on motion analysis of mechanical system components such as linkages, slider-crank mechanisms, working connectors, cams, gears and gear trains. Course Level Fee 1 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

MEDICAL ASSISTANT (MAP---)

MAP 070

Med Assist Pathophysiology I

Corequisite: MAP 072

This course provides a comprehensive study of the anatomy and physiology of the structure and function of major organs, medical terminology, commonly prescribed medications, common diseases, and diagnostic testing associated with the musculoskeletal, integumentary, cardiovascular, urinary body systems, neurology/mental health and pediatrics. Course Level Fee 3 (5 credits, 5 Lecture)

MAP 072

Med Assist Skills I

Corequisite: MAP 070

This course prepares students for basic clinical office practice including obtaining patient information and documentation. The student is introduced to practices, procedures, and role of the assistant in preparation for examination and treatment of the patient throughout the lifespan. Course Level Fee 4 (5 credits, 3 Lecture, 4 Lab/Lab-Discussion)

MAP 080

Med Assist Pathophysiology II

Prerequisite: MAP 070 and MAP 072 and MCS 095

This course provides a comprehensive study of the anatomy and physiology of the structure and function of major organs, medical terminology, medications, diseases, and diagnostic testing and treatments associated with the respiratory, digestive, endocrine, reproductive, blood and lymph systems and special senses. Course Level Fee 3 (4 credits, 4 Lecture)

MAP 082

Med Assist Skills II

Prerequisite: MAP 072

This course continues to prepare students for basic medical office practice through examination and treatment of the patient throughout the lifespan including diagnostic imaging, laboratory, and electrocardiography procedures and skills. Course Level Fee 4 (5 credits, 3 Lecture, 4 Lab/Lab-Discussion)

MAP 084

Med Assist Pharmacology

Prerequisite: MAP 070 and MAP 072 and MCS 095

This course introduces concepts and applications of pharmacological principles, and focuses on drug classifications, principles, and procedures of medication administration, calculation of drug problems, and medicolegal responsibilities of the medical assistant. Course Level Fee 4 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

MAP 086

Med Assist Seminar

Prerequisite: MAP 070 and MCS 095

This course provides the student with job skills such resume preparation, job searches, interviewing skills. The student is prepared for the credentialing exam with test-taking strategies and study techniques as well. Course Level Fee 2 (2.5 credits, 2.5 Lecture)

MAP 090

Med Assist Externship

Prerequisite: MAP 080 and MAP 082 and BUS 114

This course provides students with work-based experience that utilizes skills learned during the program and provides application in a physician's office or the ambulatory setting. Students must complete 160 hours worked and meet with instructor one hour per week. Course Level Fee 4 (2.5 credits, 0.5 Lecture, 10 Lab/Lab-Discussion)

MEDICAL CODING SPECIALIST (MCS---)

MCS 040

Health Information for Professionals

An introduction and overview to health information management. The course will cover the history and the many applicable fields available to a health information management specialist. Students will explore the different areas of health information. (3 credits, 3 Lecture)

MCS 041

Medical Office Terminology

A medical professional's course in medical terminology. Students will receive word parts going over primary terms, then review structure, and functions of the body systems, so they can relate those to medical specialists, pathology, diagnostics and treatment procedures. (3 credits, 3 Lecture)

MCS 050

Principles of CPT Coding

A beginner's course for the CPT coding system. This class will provide students with a general understanding of the format and guidelines necessary for CPT coding. (3 credits, 3 Lecture)

MCS 055

Principles of ICD-10-CM Coding

A beginner's course in ICD-10-CM coding and guidelines. Students will be introduced to a wide variety of coding segments and body systems. (3 credits, 3 Lecture)

MCS 056

Credentialing/Emerging Coding

Prerequisite: MCS 050 and MCS 055

This course covers HCPCS coding, basic physician credentialing, and an introduction to ICD-10-CM. (3 credits, 3 Lecture)

MCS 060

Medical Ins Reimbursement

An advanced course concerning medical insurance billing and reimbursement. This course will focus on insurance companies such as Blue Cross and Blue Shield, Medicare, and Medicaid. (3 credits, 3 Lecture)

MCS 065

Adv CPT Coding and Modifiers

Prerequisite: MCS 050

An advanced course that explores the different subsections of the CPT and correct coding of procedures. Students will familiarize themselves with CPT coding by coding case studies and scenarios. (3 credits, 3 Lecture)

MCS 068

Medical Management and Ethics

Prerequisite: MCS 040

This course covers the management of a medical office as well as ethics, biomedical ethics, and ethical challenges affecting the medical manager. (3 credits, 3 Lecture)

MCS 070

Advanced ICD-10-CM Coding

Prerequisite: MCS 055

An advanced course specializing in all aspects of ICD-10-CM coding. This course will focus on specific body systems and not the overall aspect of ICD-10-CM coding. (3 credits, 3 Lecture)

MCS 075

Hospital-Med Coding Internship

Prerequisite: PNC 055 and BIO 050 and MCS 050 and MCS 055

This course provides students with the opportunity to intern in a hospital setting. It provides supervised work experience coordinated with a healthcare systems related employer. A minimum of 62.5 hours of internship time is required for one credit hour. (1 credits, 5 Lab/Lab-Discussion)

MCS 080

Clinic-Med Coding Internship

Prerequisite: PNC 055 and BIO 050 and MCS 050 and MCS 055

This course provides students with the opportunity to intern in a clinic setting. It provides supervised work experience coordinated with a healthcare systems related employer. A minimum of 62.5 hours of internship time is required for one credit hour. (1 credits, 0 Lecture, 5 Lab/Lab-Discussion)

MCS 085

Hospital Coding Certification Prep

Prerequisite: MCS 060 and MCS 065 and MCS 070 or consent of instructor

An exam preparation course that will provide students with a comprehensive review for the CPC-H and CCS exams. (1 credits, 1 Lecture)

MCS 090

Clinic Coding Certification Prep

Prerequisite: MCS 060 and MCS 065 and MCS 070 or consent of instructor

An exam preparation course that will provide students with a comprehensive review for the CPC and CCS-P exams. (1 credits, 1 Lecture)

MCS 091

Healthcare Statistics

Prerequisite: AHE 055

This course is a statistics class focused on calculating and reporting healthcare statistics and the common formulas used by hospitals and physician offices. (3 credits, 3 Lecture)

MCS 092

Medical Records and the Law

Prerequisite: MCS 040 and MCS 068

This is an advanced course focused on the American legal system and the impact the law has on medical records, health information in general, and HIPAA. (3 credits, 3 Lecture)

MCS 095

Medical Office Procedures

This course provides a hands-on overview of medical office software through practical applications of medical assistant competencies such as professional office skills, coding and billing procedures, telephone techniques, and assisting with medical specialties. Course Level Fee 2 (3 credits, 3 Lecture)

MILITARY SCIENCE (MSL---)

MSL 101

ROTC-Leadership Personal Development Cadets to the Army and the Profession of Arms.

The overall focus is on developing basic knowledge and comprehension of the Army Leadership Requirements Model. Cadets also learn how resiliency and fitness support their development as a leader. (1 credits, 1 Lecture)

MSL 102

ROTC-Intro to Tactical Leadership

Prerequisite: MSL 101

Cadets will learn about personal development of life skills such as critical thinking, time management, goal setting, and communication. Cadets will begin learning the basics of squad level tactics that will be reinforced during a weekly leadership lab. (1 credits, 1 Lecture)

MUSIC (MUS---)

MUS 104▼

Lake Land Community Choir

Instruction in choral music and experience. (Repeatable 3 Times) (1 credits, 2 Lab/Lab-Discussion)

MUS 126

Class Instruction in Piano I

Prerequisite: No piano experience or consent of instructor

A beginning course in piano study. (1 credits, 2 Lab/Lab-Discussion)

MUS 127

Class Instruction in Piano II

Prerequisite: MUS 126 or consent of instructor

Class instruction in piano literature and skills. Required of music majors. (1 credits, 2 Lab/Lab-Discussion)

MUS 150

Music in American History & Culture

IAI F1 904

A survey of the musical forms and styles in the United States from the music of the early colonists to the popular music of today. Musical forms and styles are considered in their cultural context. (3 credits, 3 Lecture)

MUS 229

Understanding Music

IAI F1 900

A general humanities course studying various types and forms of music and the historical development of the art form. Surveys music literature from Middle Ages to present. (3 credits, 3 Lecture)

PHILOSOPHY (PHI---)

PHI 232

World Religions

IAI H4 905

This course is designed to promote cultural diversity associated with religious practices. It includes a survey of religious systems and examines concepts and theories related to the nature of deities, good and evil, reason and faith, ethics, and afterlife. (3 credits, 3 Lecture)

PHI 270

Introduction to Philosophy

IAI H4 900

An introduction to philosophical questioning and reasoning. This course will include an historical survey of western philosophy focusing on the development of specific branches within the field, including epistemology, metaphysics, ethics, philosophy of science, and social/political philosophy. (3 credits, 3 Lecture)

PHI 280

Ethics

IAI H4 904

Introduction to issues and theories of ethics. Includes historical survey of major value systems and contemporary issues. (3 credits, 3 Lecture)

PHI 290

Intro to Logic

IAI H4 906

Introduction to formal reasoning, including: language and meaning, deduction and induction, evidence, syllogistic argument and science and hypotheses. (3 credits, 3 Lecture)

PHYSICAL EDUCATION (PED---)

PED 109

Basketball

Class designed to teach basic skills, rules and regulations, and allow students to participate in physical activity. Course Level Fee 1 (1 credits, 2 Lab/Lab-Discussion)

PED 112

Bowling

This course is designed for the beginning bowler and for those who wish to learn a recreational activity. Course Level Fee 3 (1 credits, 2 Lab/Lab-Discussion)

PED 113

Advanced Bowling

Prerequisite: PED 112 or proof of skill or instructor consent

Class is designed to teach advanced bowling skills, rules and regulations of bowling, and allow students to participate in physical activity. Course Level Fee 3 (1 credits, 2 Lab/Lab-Discussion)

PED 116▼

Golf

Designed to help a student understand and appreciate golf. Will teach the basic skills and techniques for golf as a recreational and physical activity for all ages. (Repeatable 3 Times) Course Level Fee 3 (1 credits, 2 Lab/Lab-Discussion)

PED 117▼

Advanced Golf

Prerequisite: PED 116

Golf instruction for the advanced golfer. Course designed to increase the skill level. (Repeatable 3 Times) Course Level Fee 3 (1 credits, 2 Lab/Lab-Discussion)

PED 119▼

Karate

An introduction to the world of Martial Arts with emphasis on the art of Tae Kwon Do. Student will learn basic terminology, skills, and self defense. In about two years, the student should be close to a black belt. (Repeatable 3 Times) Course Level Fee 1 (1 credits, 2 Lab/Lab-Discussion)

PED 123▼

Karate II

Prerequisite: PED 119

Designed to continue a broad range of activities in Tae Kwon Do training, oriented toward physical fitness, positive self-attitude, a sense of respect for others in society, self-defense and fun. (Repeatable 3 Times) Course Level Fee 1 (1 credits, 2 Lab/Lab-Discussion)

PED 137

Tennis

Beginning course introducing the student to the game of tennis and tennis skills. Basic skills of forehand and backhand serving are emphasized. Course Level Fee 3 (1 credits, 2 Lab/Lab-Discussion)

PED 138

Advanced Tennis

Prerequisite: PED 137 or proof of skill or instructor consent

An advanced course in tennis. Emphasizing advanced skills and techniques of tennis and in setting up tournaments. Course Level Fee 3 (1 credits, 2 Lab/Lab-Discussion)

PED 141▼

Weight Training

To introduce to the student the basic principles of weight training, to demonstrate and participate in various programs, and increase strength. (Repeatable 3 Times) Course Level Fee 1 (1 credits, 2 Lab/Lab-Discussion)

PED 143▼

Aerobics

The course is designed to acquaint students with different exercise routines to improve their overall physical condition, progress from an intermediate level to a more advanced level. Routines are executed to upbeat music. (Repeatable 3 Times) Course Level Fee 1 (1 credits, 2 Lab/Lab-Discussion)

PED 152

Theory of Motor Learning

Provides a study of the different theories of the acquisition of motor skills and the nature of human locomotion. (3 credits, 3 Lecture)

PED 160▼

Trap and Skeet Shooting

Basic techniques of shooting the shotgun clay target games of Trap and Skeet. Students will be familiarized with the safe handling, operation, and cleaning of shotguns and shot shell reloading. (Repeatable 3 Times) Course Level Fee 4 (1 credits, 2 Lab/Lab-Discussion)

PED 172

Bsc Act Elem/Sec Child

Focuses on games and activities for elementary and secondary level including body mechanics, basic exercises and rhythms. Includes team games for secondary level. EDU-101 is taken simultaneously. (2 credits, 2 Lecture)

PED 183

Introduction to Physical Education

Focuses on the general scope, purpose, history, growth, and development of Physical Education. (3 credits, 3 Lecture)

PED 185

B-Ball/V-Ball Sports Officiate

Focuses on the general scope of sports officiating. Successful completion of the class allows the student to write IHSA for the officials exam. (3 credits, 3 Lecture)

PED 209▼

Aerobic Fitness

Class is designed to teach basic skills, rules and regulations, and to allow students to participate in weight training and cardiovascular activities. Student will be given a grade according to the number of minutes performed in the semester. (Repeatable 3 Times) Course Level Fee 2 (1 credits, 2 Lab/Lab-Discussion)

PED 210▼

P/F Aerobic Fitness

Class is designed to teach basic skills, rules and regulations, and to allow students to participate in weight training and cardiovascular activities. Pass or Fail will be given at the end of the semester. (Repeatable 3 Times) Course Level Fee 2 (1 credits, 2 Lab/Lab-Discussion)

PED 219▼

Karate III

Prerequisite: PED 123

Students have learned the basics and are ready for more advanced techniques. Higher physical and mental skills are emphasized. Greater confidence and awareness of personal ability will promote self improvement. (Repeatable 3 Times) Course Level Fee 1 (1 credits, 2 Lab/Lab-Discussion)

PED 223▼

Karate IV

Prerequisite: PED 219

Designed to be the final step for reaching the Black belt status. At this point the student will possess the knowledge, but must learn more self-control. Students will learn how to demonstrate power and all they have learned. (Repeatable 3 Times) Course Level Fee 1 (1 credits, 2 Lab/Lab-Discussion)

PED 224▼

Karate V

Prerequisite: PED 223

Introduces the student to leadership responsibilities and more advanced techniques. Emphasis will be placed on power and "fine" motor skills. (Repeatable 3 Times) Course Level Fee 1 (1 credits, 2 Lab/Lab-Discussion)

PED 225▼

Karate VI

Prerequisite: PED 224

The final step for reaching the Black Belt status and learning the requirements for instruction. The student will be able to demonstrate all prior learned material and be able to instruct others as an assistant instructor. (Repeatable 3 Times) Course Level Fee 1 (1 credits, 2 Lab/Lab-Discussion)

PED 226

Theory of Baseball

This course focuses on rules and history of baseball, basic skills, organizing practices, and acquiring a general knowledge of baseball. This prepares the student to teach and coach baseball. Course Level Fee 3 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

PED 227

Theory of Basketball

Students are taught the necessary skills to conduct classes and coach the sport of basketball. Drills, game techniques and strategies are practiced in the lab situation. Each student will teach a unit in basketball theory. Course Level Fee 1 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

PED 228

Tech Bowling/Golf

Prerequisite: PED 112 or PED 116 or consent of instructor

Course offered for the individual who is interested in how to teach or coach golf/bowling. Course Level Fee 3 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

PED 243

Tech Badmtn/Tennis

Prerequisite: PED 137

Course offered for the individual who may show an interest in how to teach or coach tennis/badminton. Course Level Fee 1 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

PED 244

Kinesiology

Prerequisite: BIO 100 or BIO 299 or BIO 225

The study of functional musculoskeletal anatomy, muscle actions, and the laws of physics used in the performance of human motion. (4 credits, 4 Lecture)

PED 285

Fitness for Life

An individual approach to assist students to develop a lifetime of wellness through fitness. The course includes a thorough physical fitness/risk factor assessment battery. Students will be required 2 hours of physical workout a week. Course Level Fee 1 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

PHYSICAL THERAPIST ASSISTANT (PTA---)

PTA 080

Fundamentals of PTA I

Prerequisite: Admission to Program

Corequisite: PTA-081

An introduction to the profession of Physical Therapy and the role of the PTA within the health profession. This course provides basic physical therapy skills including: body mechanics, transfers, bed mobility, gait training, aseptic techniques, and assessment of vital signs. (4 credits, 3 Lecture, 2 Lab/Lab-Discussion)

PTA 081

PTA Clinical Practicum I

Corequisite: PTA 080

An in-house laboratory practice of skills and techniques corresponding with Fundamentals of PTA I (PTA080). Students will observe in physical therapy settings. Course Level Fee 2 (1 credits, 5 Lab/Lab-Discussion)

PTA 082

Fundamentals of PTA II

Prerequisite: PTA 080 and PTA 081

This course provides physical therapy skills including the use of therapeutic heat and cold, electrical stimulation, massage techniques, goniometry, wound management and laboratory practice. Course Level Fee 1 (6 credits, 4 Lecture, 4 Lab/Lab-Discussion)

PTA 085

PTA Clinical Practicum III

Prerequisite: PTA 080, PTA 081 and PTA 082

A full time, supervised clinical practice in a physical therapy facility. Students will participate in selected patient care skills and

techniques learned in Fundamentals of PTA I (PTA080), Clinical Practicum I (PTA081) and Fundamentals of PTA II (PTA082). Course Level Fee 2 (3 credits, 15 Lab/Lab-Discussion)

PTA 093

Pathology for PTA

Prerequisite: PTA 094 and PTA 095 and PTA 097

This course will discuss the etiology, symptoms, risk factors, pathogenesis, and prognosis of specific disease. Medical practices for treatment of these diseases and illnesses will be discussed along with special implications for the PTA. Pharmacology will also be discussed. (2 credits, 2 Lecture)

PTA 094

Fundamentals of PTA III

Prerequisite: PTA 082 and PTA 085

This course is a continuation of the skills and knowledge used by a PTA. Concentration is on muscle testing, length testing, therapeutic exercise and postural analysis. Course Level Fee 2 (6 credits, 3 Lecture, 6 Lab/Lab-Discussion)

PTA 095

Orthopedic Concepts & Appl

Prerequisite: PTA 085 and PTA 082 and PTA 094

The course focuses on different types of tissue healing and orthopedic diagnoses and rehabilitation. (4 credits, 3 Lecture, 2 Lab/Lab-Discussion)

PTA 096

Fundamentals of PTA IV

Prerequisite: PTA 094 and PTA 095 and PTA 097

This course emphasizes assessment and treatment of specific areas. These areas include: neurological conditions, pediatrics, geriatrics, obstetrics, cardiopulmonary, industrial, and manual therapy. Course Level Fee 2 (5 credits, 3 Lecture, 4 Lab/Lab-Discussion)

PTA 097

PTA Clinical Practicum IV

Prerequisite: PTA 085 and PTA 094 and PTA 095

Full time, supervised clinical practice experience at a physical therapy facility. Students will participate in selected patient care skills and techniques learned in Fundamentals of PTA III (PTA094) and Orthopedic Concepts and Applications (PTA095) while continuing to progress previously learned skills. Course Level Fee 2 (2 credits, 10 Lab/Lab-Discussion)

PTA 098

PTA Seminar

Prerequisite: PTA 094 and PTA 095 and PTA 097

Preparation to enter into the work force as a Physical Therapist Assistant. This course emphasizes liability issues, Medicare guidelines, administration, health insurances, and ethical aspects. Licensure preparation and the exchange of clinical experiences are incorporated. (2 credits, 2 Lecture)

PTA 099

PTA Clinical Practicum V

Prerequisite: PTA 097 and PTA 093 and PTA 096 and PTA 098

Final full time, supervised clinical practicum experience at a physical therapy facility to prepare as an entry level Physical Therapist Assistant. Student will perform selected previously learned skills. Course Level Fee 2 (4 credits, 20 Lab/Lab-Discussion)

PHYSICS (PHY---)

PHY 110

Concepts of Physics

IAI P1 900L

Phenomena-oriented course, emphasizing everyday life applications for the general student. Elementary mechanics, electricity, heat and modern physics are studied. This course counts towards the general education science requirement. Course Level Fee 3 (4 credits, 3 Lecture, 2 Lab/Lab-Discussion)

PHY 115

Astronomy

IAI P1 906

This course covers the history and future prospects of astronomy, the night sky, the Earth as compared to Venus and Mars, the death of stars, and cosmology. Emphasis is also placed on the influences that astronomy has had on culture. (3 credits, 3 Lecture)

PHY 130

College Physics I

IAI P1 900L

Prerequisite: MAT 132 or High School Trigonometry

This course covers Newtonian Mechanics, heat, fluid motion. Intended for students in the pre-professional areas, arts and sciences, and four year technology majors. It is not intended for students who plan to major (or minor) in physics or engineering. Course Level Fee 3 (4 credits, 3 Lecture, 3 Lab/Lab-Discussion)

PHY 131

College Physics II

Prerequisite: PHY 130

An introduction to electricity and magnetism, wave motion, optics and basic modern physics for pre-professional, arts and sciences, and four year technology majors. This course is to be taken with PHY-130 to form a complete sequence. Course Level Fee 3 (4 credits, 3 Lecture, 3 Lab/Lab-Discussion)

PHY 140

University Physics I

IAI P2 900L

Prerequisite: Concurrent registration MAT 241

This is a study of Newtonian Mechanics. The course is for physics majors and minors, engineering students and the mathematically oriented student. This is the first of a three-course sequence. Course Level Fee 3 (4 credits, 3 Lecture, 3 Lab/Lab-Discussion)

PHY 141

University Physics II

Prerequisite: PHY 140 with grade of 'C' or higher and MAT 242

This course is a study of heat, electricity, and magnetism for students in physics, engineering, chemistry, and mathematics. Course Level Fee 3 (4 credits, 3 Lecture, 3 Lab/Lab-Discussion)

PHY 142

University Physics III

Prerequisite: PHY 141 with grade of 'C' or higher and MAT 243

This course is a study of wave motion, sound, light, and modern physics for students in physics, engineering, chemistry, and mathematics. Course Level Fee 3 (4 credits, 3 Lecture, 3 Lab/Lab-Discussion)

PHY 239

Mechanics I

IAI EGR 942

Prerequisite: PHY 140 with grade of 'C' or higher and MAT 242

This course is a study of the mechanics of static, rigid bodies for engineering students. (3 credits, 3 Lecture)

PHY 240

Mechanics II

IAI EGR 943

Corequisite: MAT 243 and MAT 245

Prerequisite: PHY 239 with grade of 'C' or higher

This course is a study of the motion of rigid bodies and systems of particles for engineering students. (3 credits, 3 Lecture)

PHY 245

Solid Mechanics

Prerequisite: PHY 239 with grade of 'C' or higher

Corequisite: MAT 243

This course is the study of the relationship between the external loadings on a deformable object and the resulting deformations and internal stresses and strains. (3 credits, 3 Lecture)

POLITICAL SCIENCE (POS---)

POS 160

American National Government

IAI S5 900

The fundamental principles of the American Government are summarized. Such topics as federalism, civil liberties, citizenship, parties and elections, the Presidency, Congress, Judiciary, and national policies and politics are discussed within the framework of the American Constitutional system. (3 credits, 3 Lecture)

POS 162

State/Local Govern

IAI S5 902

Focuses on legal authority, structure, leadership and functions of state, county, city, township, and special district governments. The Illinois state constitution is analyzed. (3 credits, 3 Lecture)

POS 264

Intro/Internatl Rel

IAI S5 904N

An examination of the nation-state system and the sources of conflict in the international community. Comparative political economic systems are studied, as well as the rise of multi-national corporation and international organizations. (3 credits, 3 Lecture)

PRACTICAL NURSING (PNC---)

PNC 049

Found of Nursing

Prerequisite: Admissions to the PN Program

An introduction to human anatomy and physiology beginning at the molecular level. Nutrition essentials are covered. These topics are related to nursing and disease prevention, promotion, maintenance and restoration. (6 credits, 6 Lecture)

PNC 050

Practical Nursing I

Prerequisite: Admissions to the PN Program

Introduces the Practical Nurse's role as care provider and member of the interdisciplinary healthcare team. Includes concepts to provide a foundation for developing the knowledge, skills, and attitudes of the Practical Nurse. Course Level Fee 4 (10 credits, 7 Lecture, 8 Lab/Lab-Discussion)

PNC 052

Practical Nursing II

Prerequisite: PNC 049 and PNC 050

Further develops the Practical Nurse's role and the development of the knowledge, skills, and attitudes needed to promote, maintain, and restore health for diverse populations. Clinical assignments expose students to a variety of settings and progress from simple to complex. Course Level Fee 3 (15 credits, 11 Lecture, 11 Lab/Lab-Discussion)

PNC 053

Basic Pharmacology I

Corequisite: PNC 052

Prerequisite: Admission to PN Program

The nursing process and the role of drug therapy in the prevention of disease, promotion of health and treatment of disease provides the framework in this study of pharmacology and the administration of medication. Course Level Fee 3 (2 credits, 2 Lecture)

PNC 054

Practical Nursing III

Prerequisite: PNC 052 and PNC 053

Continuation of PNC052 to further develop the Practical Nurse's role and development of knowledge, skills, and attitudes needed to provide health promotion, maintenance, and restoration for diverse populations. Clinical assignments progress. Includes leadership and preparation for entering the workforce. Course Level Fee 3 (7 credits, 5 Lecture, 6 Lab/Lab-Discussion)

PNC 055

Basic Pharmacology II

Corequisite: PNC 054

Prerequisite: PNC 053

Continuation of PNC053. The nursing process and the role of drug therapy in the prevention of disease, promotion of health and treatment of disease provides the framework in this study of pharmacology and the administration of medication. (1 credits, 1 Lecture)

PRINT TECHNOLOGY (PMT---)

PMT 050

Print Technology I

This course provides a basic overview of the printing industry and the printing process from small job shops to large employer. (3 credits, 3 Lecture)

PMT 052

Print Technology II

Prerequisite: PMT 050

Using Print Technology I as a basis for information this course outlines the overview of the industry but with emphasis on the various print processes. (3 credits, 3 Lecture)

PMT 054

Electronic Prepress

Prerequisite: PMT 050 and PMT 052 or consent of instructor

This course provides a basic overview with a working understanding of the printing industry and the printing process and the knowledge it takes to go from idea to reality using Electronic Prepress techniques. Course Level Fee 1 (6 credits, 12 Lab/Lab-Discussion)

PMT 074

Print Technology Seminar

Prerequisite: CIS 090 or CIS 097

Designed as an introduction to Print Technology and Desktop Publishing apprenticeship. Consists of an overview of print process and techniques used in the print industry. Focuses on print terminology and hands-on experience. (1 credits, 1 Lecture)

PROGRAMMABLE LOGIC CONTROLLERS (PLC---)

PLC 040

Fundamentals of Instrumentation

Fundamentals of instrumentation: Basic types of sensors, actuators, and controls used in instrumentation are studied. (3 credits, 3 Lecture)

PLC 050▼

PLC I-Allen Bradley SLC5/0x

This course covers basic PLC operation and programming using RsLogix 500 software and Allen Bradley SLC 5/0x processors. Topics include: Serial and Ethernet communications, Basic ladder design, Input-Output, Timers, Counters, Batch Processes, Shift registers, Sequencers, Word compare, Math, and hardware. (Repeatable 3 Times) Course Level Fee 3 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

PLC 060▼

PLC II-Allen Bradley SLC5/0x

Prerequisite: PLC 050

This course covers advanced topics of the Allen Bradley SLC 50/x series PLCs operation and programming using Rslogix500 software and Allen Bradley SLC-5/0x PLCs. Topics include Analog I/O (Scaling, Ramping, PID), advance Math, Data handling instruction, and program flow. (Repeatable 3 Times) Course Level Fee 3 (3 credits, 1.5 Lecture, 3 Lab/Lab-Discussion)

PSYCHOLOGY (PSY---)

PSY 271

Intr/Psychology

IAI S6 900

Focuses on psychology as a science, introducing concepts and research in a variety of subfields, including neuroscience, sensation and perception, consciousness, learning and memory, cognition, motivation and emotion, development, personality, disorders and therapy, and social psychology. (3 credits, 3 Lecture)

PSY 273

Abnormal Psychology

IAI PSY 905

Prerequisite: PSY 271

Takes an integrative approach to psychopathology. Areas of study include research methods; clinical assessment and diagnosis; descriptions, causes, and treatments of the major psychological disorders; and legal and ethical issues in abnormal psychology. (3 credits, 3 Lecture)

PSY 274

Child Development

IAI S6 903

Study of theories and methods used to study development, from conception to adolescence. Topics include physical, sensory and perceptual, cognitive, language, emotional, social, and gender development, as well as family, peer, and institutional influences on development. (3 credits, 3 Lecture)

PSY 275

The Psychology of Maturity and Old Age

IAI S6 905

Prerequisite: PSY 271

Study of theories and research findings in the physical, cognitive, and social-emotional development of individuals past middle age. (3 credits, 3 Lecture)

PSY 277

Social Psychology

IAI S8 900

Prerequisite: PSY 271

Study of social behavior including research methods, attitude formation and changes, social cognition, interpersonal relations, group processes, and social influences. (3 credits, 3 Lecture)

PSY 278**Family Relations**

Examines how intimate relationships are formed and maintained and why they sometimes fail. Theory and research on attraction, social cognition, communication, interdependency, friendship, love, sexuality, conflict, power, and violence are areas of focus. (3 credits, 3 Lecture)

PSY 279**Human Dev/Life Span****IAI S6 902**

Study of theories and research findings in physical, cognitive, and social-emotional development from conception through death. (3 credits, 3 Lecture)

RADIO-TV BROADCASTING (RTV---)**RTV 070****Radio Production Lab**

Prerequisite: RTV 160

The further application of the techniques of good broadcasting is covered including announcing, writing, managing, and working for a station image. Operation of various automation systems, along with air work on the college radio station is emphasized. Course Level Fee 2 (5 credits, 1 Lecture, 8 Lab/Lab-Discussion)

RTV 072**Fall Sportscasting**

This course is designed to give a background in announcing various sporting events. Experience includes broadcasting fall sports at local high schools and Lake Land College on WLKL, Lake Land College's radio station. Training of broadcast equipment is also included. Course Level Fee 1 (1 credits, 2 Lab/Lab-Discussion)

RTV 073**Spring Sportscasting**

This course is designed to improve basketball, baseball and softball announcing skills. Training and practice of sportscasting continues with coverage of Lake Land College and high school sporting events on WLKL, Lake Land College's radio station. Course Level Fee 1 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

RTV 082**Fall Athletic Announcing**

This course is designed to refine sports announcing skills. Experience includes broadcasting fall sports at local high schools and Lake Land College on WLKL, Lake Land College's radio station. Training of broadcast equipment is also included. Course Level Fee 1 (1 credits, 2 Lab/Lab-Discussion)

RTV 083**Spring Athletic Announcing**

This course is designed to enhance basketball, baseball and softball announcing skills. Experience includes broadcasting high school and Lake Land College sports on WLKL, Lake Land College's radio station. The fundamentals of play-by-play color commentary, analysis, and interviewing are included. Course Level Fee 1 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

RTV 150**Introduction to Broadcasting****IAI MC 914**

Emphasis is placed on all aspects of the broadcasting industry including history, digital radio, high definition television, programming, the FCC, advertising, and responsibility to society. A brief explanation of the technical operations of a station is presented. (3 credits, 3 Lecture)

RTV 155**Radio TV Announcing****IAI MC 918**

The principles of broadcast announcing are discussed and are applied to reading commercials, news, voice tracking, sports, and on-air music announcing. Interviewing techniques and the relationship between the announcer and the public are included. Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

RTV 160**Radio Station Operation****IAI MC 915**

A practical demonstration course to begin "on air" work. In addition to air time, other duties such as news gathering, production, programming, etc. are assigned. Reading meters, filling out operating logs and editing audio are also incorporated. Course Level Fee 2 (5 credits, 2 Lecture, 6 Lab/Lab-Discussion)

RTV 165**Broadcast Writing****IAI MC 917**

The principles of broadcast journalism and copy writing are presented along with oral style, editing, rewriting stories, and writing commercials that sell. The legal aspects of libel and slander are discussed. Course Level Fee 2 (4 credits, 4 Lecture)

RTV 175**Broadcast Sales**

Broadcast selling principles from the Radio Advertising Bureau are presented. Conducting a client needs analysis and servicing an account are stressed. Analysis of surveys is included. The Radio Marketing Professional national exam is given as part of the course. Course Level Fee 2 (3 credits, 3 Lecture)

RTV 180**Basic TV Production****IAI MC 916**

The course is designed to acquaint students with various aspects of professional TV studio production. Technical proficiency in basic camera operation direction and non-linear editing are stressed. Actual production of interviews, commercials, and news are included. Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

RTV 185**Advanced Radio Production**

Prerequisite: RTV 070

In this course students polish the skills and techniques of boardwork, announcing, voice tracking, news and sports writing, and production. The importance of promotion, management of station personnel, and programming a station for profit are stressed. Course Level Fee 2 (4 credits, 1 Lecture, 6 Lab/Lab-Discussion)

RTV 190**Basic Animation****IAI MC924**

Students will be introduced to the newest trends in Multimedia Technology. Emphasis will be placed on developing aptitude in DVD authoring, postproduction software, animation, streaming media, shooting video, editing, lighting, and audio. The course will be primarily project based. Course Level Fee 1 (3 credits, 1 Lecture, 4 Lab/Lab-Discussion)

READING (RDG---)**RDG 007▼****Fundamentals of Reading**

Required of students who need additional preparation before enrolling in RDG 009. Essentials of Reading. Emphasis is placed on basic reading skills including phonics, spelling, vocabulary, comprehension and critical reading. Placement determined by assessment. (Repeatable 3 Times) Course Level Fee 2 (2.5 credits, 2 Lecture, 1 Lab/Lab-Discussion)

RDG 009▼**Essentials in Reading**

Prerequisite: RDG-007 Minimum grade of 'C' or better or placement determined by assessment.

Required of students who need additional preparation before enrolling in Reading and Study Skills (RDG050). Emphasis is placed on six competencies, a personal reading plan, and a computerized prescriptive reading program. (Repeatable 3 Times) Course Level Fee 2 (2.5 credits, 2 Lecture, 1 Lab/Lab-Discussion)

RDG 013**Preparation for ACT/SAT**

Designed to prepare students taking the ACT/SAT exams. Emphasis is placed on performance skills in word usage, math, reading in the content areas, and natural science. (This course does not apply toward an Associate Degree) (1 credits, 1 Lecture)

RDG 050▼**Reading and Study Skills I**

Prerequisite: RDG 009 with a grade of 'C' or higher or placement determined by assessment

Designed to improve reading-study skills with major emphasis on comprehending college textbooks. Stress is placed on techniques for improving individual skills in listening, note-taking, study-type reading, time management, perception, library access, test-taking, memory, flexible rate, skimming/scanning. This course does not apply toward an Associate Degree. (Repeatable 3 Times) Course Level Fee 2 (2.5 credits, 2 Lecture, 1 Lab/Lab-Discussion)

RDG 051**CTE Reading-Study Skills**

Prerequisite: RDG 009 with a grade of 'C' or higher or placement determined by assessment

This course is designed to improve reading-study skills with emphasis on comprehending textbooks and contextualized course work. It will include multiple context methods for

improving technical reading. This course does not apply toward an Associate degree. Course Level Fee 2 (2.5 credits, 2 Lecture, 1 Lab/Lab-Discussion)

RECREATION (REC---)

REC 180

Leadership/Recreat

A theoretical overview of topics of leadership, group dynamics, and motivation as they relate to the field of recreation, and how it can be applied to specific situations. (3 credits, 3 Lecture)

REC 181

Intro/Comm Recreat

To introduce to the student the historical development of the recreation profession in the United States and to give the student an exposure to professional recreational organizations and their services. (3 credits, 3 Lecture)

REC 190

Camping

Students have the opportunity to learn outdoor living skills, camping equipment and techniques, orienteering skills. Two camping trips will be taken during the semester. Course Level Fee 4 (2 credits, 0.5 Lecture, 3 Lab/Lab-Discussion)

REC 290

Recreation for Special Groups

Provides an introduction to concepts and principles of therapeutic recreation, type of illnesses and disability settings, programming and service, and the role of the therapeutic re-creator. (3 credits, 3 Lecture)

SERVICE LEARNING (SLN---)

SLN 200

Community Service

A course based on a multi-disciplinary project coordinating community service efforts through an established organization. Individual students self-assess their learning outcomes and make applications to personal educational goals, establishing a sense of community commitment. (Variable Credit 0.5/3 credits, 3 Lecture)

SHORT TERM STUDY ABROAD (STA---)

STA 200▼

Short Term Study Abroad

This course serves as an introduction to short-term study abroad opportunities. It will focus on the various challenges of traveling and learning in another country, cultural awareness, cross-cultural sensitivity, intercultural communication, and adaptability to a new culture. (Repeatable 3 Times)(Variable Credit 0.5/4 credits, 4 Lecture, 6 Lab/Lab-Discussion)

SOCIAL SCIENCE (SOS---)

SOS 050

Human Relations

Provides an understanding of the human mechanism when associated with interpersonal relationships on the job. Emphasis is placed on vocational problems connected with motivation, communication, perception and how to work with others. (2 credits, 2 Lecture)

SOS 099

American Culture

This course will provide a survey of the major intellectual, literary and cultural developments in the United States from the colonial period to the present. The course mainstreams the contributions of America's diverse cultural constituency. (3 credits, 3 Lecture)

SOS 235

Death and Dying

This course focuses on the psychological and sociological effects of dying and death in our modern American Culture. Major areas studied are: psychological changes a dying person experiences; survivors and grief; death and the child; the funeral; demography of death; contemporary issues. (3 credits, 3 Lecture)

SOS 283

Introduction to Research Methods

Prerequisite: Placement by assessment or MAT 006 with a minimum grade 'C' or ENG 120 with a minimum grade of 'C'.

Examination of social science research methods from theoretical, applied and ethical points of view. Acquaints students with qualitative and quantitative techniques and procedures used to measure human behavior, gather and analyze data, and evaluate and report on findings. Course Level Fee 2 (3 credits, 3 Lecture)

SOCIOLOGY (SOC---)

SOC 280

Introduction to Sociology

IAI S7 900

Study of human interaction focusing on social influences shaping personality, structure and dynamics of human society. Topics include: sociological perspective, culture, society, social interaction; social change in global perspective; socialization; families; social class; and social stratification; race and ethnicity; and deviance. (3 credits, 3 Lecture)

SOC 282

Social Problems

IAI S7 901

An issue oriented course. Among the issues covered are how sociologists view social problems, the changing family, poverty, race and ethnic relations, aging, crime and criminal justice, human sexual behavior, problems of physical and mental illness, urban problems, and other areas based upon student interests. (3 credits, 3 Lecture)

SOC 284

Sociology/Deviant Behavior

Nature and dynamics of deviant behavior. The course includes theories of deviance, social control and forms of deviant behavior. Forms may include drug use, sexual behavior

(prostitution and pornography), personal violence, crime and delinquency and mental disorders. (3 credits, 3 Lecture)

SOC 286

Racial and Ethnic Groups

IAI S7 903D

An examination of American racial and ethnic diversity with an attempt to understand racial and ethnic relations. The examination is made emphasizing the sociological perspective while including material from the other social sciences. (3 credits, 3 Lecture)

SOC 290

Sociology of Family

IAI S7 902

This course examines the major sociological concepts, theories, and research related to marriage, family, and increasing diversity of family types. Special emphasis will be on theorizing family, gender, parenting, balance work and family, and social problems interrelated to family life.(3 credits, 3 Lecture)

SPEECH (SPE---)

SPE 111

Intro to Speech Communication

IAI C2 900

Focuses on the fundamental principles and methods of selection, analyzing, organizing, developing and communicating information, evidence, and points of view to audiences. (3 credits, 3 Lecture)

SPE 200

Interpersonal Communication

Principles and practices of oral communication emphasizing message formation and delivery, listening, perception, awareness of verbal and non-verbal codes, and managing conflict. (3 credits, 3 Lecture)

SPE 213

Intro/Group Discussion

Focuses on the principles and application of public and closed group discussions with emphases on purposes and common forms, critical analyses and participation. (3 credits, 3 Lecture)

SPE 220

Persuasive Speaking

Studies audience attitudes, logical lines of reasoning, and emotional appeals used in causing an audience to accept different views or to adopt recommended courses of actions. (3 credits, 3 Lecture)

SPE 244

Intro to Acting

IAI TA 914

Focuses on approaches to acting with emphasis on basic techniques and the development of character as it relates to the role. (3 credits, 3 Lecture)

STRATEGIES FOR SUCCESS (SFS---)

SFS 101

Strategies for Success

Designed to improve student performance in college and beyond. Topics include: college

resources; identification of college and career goals; implementation of study, note-taking, and test-taking strategies; and development of life management skills including time management, stress management, and relationship skills. (2 credits, 2 Lecture)

SFS 102

Strategies for Money Management

Designed to improve student money management and investment skills. Topics include budgeting, banking, managing credit and debt, paying tuition and loans, saving, investing, and planning for retirement as well as protecting and recovering from identity theft and understanding advertising. (1 credits, 1 Lecture)

SFS 103

Life Strategies

Designed to assist students in improving critical thinking skills, designing effective goals and creating a successful life and financial management plan. Emphasis will be placed on career and transfer advancement as well as financial planning. (3 credits, 3 Lecture)

TECHNOLOGY (TEC---)

TEC 039▼

Technology Seminar

Fundamentals, principals, and practices of Industrial technology. Covers basic through advanced procedures associated with current technology. Advanced work is adjusted to special interest groups. (Repeatable 3 Times) (Variable Credit 0.5/3 credits, 3 Lecture)

TEC 040

Blueprint Reading for Industry I

Fundamentals, principles, and practices involved in producing and reading industrial blueprints. Covers basic through advanced blueprint reading and basic drafting procedures. Advanced work is adjusted to special interest groups. (2.5 credits, 2.5 Lecture)

TEC 043

Industrial Safety

Designed to give the student basic information and procedures concerning industrial safety awareness and accident prevention. Course Level Fee 3 (1 credits, 1 Lecture)

TEC 044

Basic Tech Science

Prerequisite: TEC 048 or consent of instructor

Involves activities relating to (1) basic properties of matter, (2) speed and acceleration, (3) mechanics, (4) electricity and (5) miscellany. Automotive applications are emphasized and memorization minimized. Course Level Fee 1 (3 credits, 1.5 Lecture, 3 Lab/Lab-Discussion)

TEC 045

Introduction to Drafting

Presents basic drafting skills and concepts preparatory to advanced drafting and computer-aided drafting courses. Portable drafting instruments will be required. Course Level Fee 1 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

TEC 046

Manufacturing Skills I

Develops a basic understanding of units of measurement and measurement techniques used in the manufacturing industry. Fundamentals of creating technical drawings and various manufacturing skills. Research in careers, history and current events in the manufacturing industry. Course Level Fee 1 (2 credits, 0.5 Lecture, 3 Lab/Lab-Discussion)

TEC 047

Manufacturing Skills II

Prerequisite: TEC 046

Continuation of TEC 046. Students continue study of hydraulics, pneumatics, electrical systems, mechanical drive systems, automated material handling (robotics), quality control systems, machining, and computer aided drafting. Course Level Fee 1 (2 credits, 0.5 Lecture, 3 Lab/Lab-Discussion)

TEC 048

Applied Shop Computations

Focuses on basic arithmetic and calculations necessary for solving shop oriented problems involving geometric figures, formulas and algebra. Students draw graphs. A scientific calculator is required, so there is little or no memorization. (3 credits, 3 Lecture)

TEC 049

Manufacturing Skills III

Prerequisite: TEC 047

This class is a continuation of TEC047. Heaviest concentration is on electrical theory, motors and controls. Additional time will be spent on Quality Assurance, Fluid Power, and Mechanical Drive Systems. Course Level Fee 1 (2 credits, 0.5 Lecture, 3 Lab/Lab-Discussion)

TEC 050

Technical Math I

Fundamentals of basic arithmetic, calculator usage, algebra, geometry and right angle trigonometry. (2 credits, 2 Lecture)

TEC 051

Manufacturing Skills IV

Prerequisite: TEC 049

This class is a continuation of TEC049. Heaviest concentration is on Programmable Logic Controllers. Additional time will be spent on Fluid Power, Mechanical Drive Systems, and Electrical Motor Controls. Course Level Fee 1 (2 credits, 0.5 Lecture, 3 Lab/Lab-Discussion)

TEC 052

Technical Math II

Prerequisite: TEC 050

Offers the student an in-depth study of algebra including factoring, solving linear systems, quadratic equations and exponents. (2 credits, 2 Lecture)

TEC 053▼

Technical Project Management

This course is designed to provide a technical foundation for Project Management. Students will evaluate comprehensive samples of various tools and techniques for industrial project, program, and portfolio management that achieve organizational success. (3 credits, 3 Lecture)

TEC 054

Technical Math III

Prerequisite: TEC 052

Offers the student a more in-depth study of trigonometry plus logarithms, complex numbers and functional variation. (2 credits, 2 Lecture)

TEC 055▼

Special Topics in Technology

Fundamentals, principals, and practices of Industrial Technology. Covers basic through advanced procedures associated with current technology. Advanced work is adjusted to special interest groups. (Repeatable 3 Times) (Variable Credit 0.5/5 credits, 5 Lecture)

TEC 056

Technical Math IV

Prerequisite: TEC 054

Familiarizes the student with the basic concepts of analytical geometry and statistics. (2 credits, 2 Lecture)

TEC 057▼

Introduction to Renewable Energy

This course provides students with an introduction to forms of renewable energy, how it is produced and utilized. Topics include photovoltaic, geothermal, solar, wind, hydro, and biomass energy production. (Repeatable 3 Times) (3 credits, 3 Lecture)

TEC 058▼

Alternative Energy

This course provides students with an introduction to forms of alternative energy. Topics include fuel cells, electric powered vehicles, liquefied natural gas, and other emerging green technologies. (Repeatable 3 Times) (3 credits, 3 Lecture)

TEC 059▼

Energy Management

Successful completion of this course prepares participants to assess and improve homes according to current industry standards for residential building weatherization. It includes blower-door testing and recommended weather sealing techniques to achieve improved resident comfort and energy cost savings. (Repeatable 3 Times) Course Level Fee 2 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

TEC 060

Analytical Mechanics

Prerequisite: TEC 052

Enables the student to analyze forces acting on structural elements and rigid bodies. The concepts of stress and strain in structural materials is introduced. Course Level Fee 1 (4 credits, 3 Lecture, 2 Lab/Lab-Discussion)

TEC 063

Electric Power Distribution

Prerequisite: EET 050 and TEC 054

Fundamentals of the electric power distribution and transmission system, infrastructure components, power flows, and system reliability. (3 credits, 3 Lecture)

TEC 064▼

Bioenergy

Fundamentals of energy use and production from biogas, biofuels, and biomass including production methods, domestic and industrial

uses, and sustainability of the market.
(Repeatable 2 Times) (3 credits, 3 Lecture)

TEC 066▼

Resource Sustainability

This course will examine sustainable energy generation and use, housing sustainability, water use, recycling, resource reduction, and cultural issues relating to lifestyles of health and sustainability. (Repeatable 3 Times) (3 credits, 3 Lecture)

TEC 067▼

Smart Grid Introduction

Fundamentals of the electrical smart grid including conventional and distributed electrical generation and transmission, renewable energy issues, electrical system operability, demand response, and smart metering. (Repeatable 3 Times) (3 credits, 3 Lecture)

TEC 068▼

Sp Topics Renewable Energy

This course will examine fundamentals, principles, practices, and issues associated with special topics in renewable energy. It covers basic through advanced issues and topics associated with sustainability and the renewable energy field. Advanced coursework is adjusted to special interest groups. (Repeatable 3 Times) (Variable Credit 0.5/5 credits, 5 Lecture)

TEC 069▼

Site Assessment for Renewable Energy

This course determines the site-specific suitability of photovoltaic, solar thermal applications, and small wind energy installations. The course will focus on physical site features and how that affects the solar window and the quality of wind energy. (Repeatable 3 times) Course Level Fee 1 (2 credits, 1.5 Lecture, 1 Lab/Lab-Discussion)

TEC 070

Properties of Metal

Familiarizes the student with the need for heat treatment of metals and the processes and techniques used and the resulting effects. Also includes a study of the machinability of metals and the contributing physical and metallurgical factors. (2.5 credits, 2.5 Lecture)

TEC 071▼

OSHA General Safety

This OSHA safety course provides entry level construction or general industry workers information about their rights, employer responsibilities, and how to file a complaint as well as how to identify, abate, avoid and prevent hazards on a job site. (Repeatable 3 times) Course Level Fee 2 (0.5 credits, 0.5 Lecture)

TEC 077

Unmanned Aircraft Systems I

This course covers components and guidelines for flying Unmanned Aircraft Systems (UAS). An evaluation of uses of this tool in agriculture, construction, land surveying, are discussed. Licensing and proper protocols of the aircraft are explained. Course Level Fee 2 (2 credits, 1.5 Lecture, 1 Lab/Lab-Discussion)

TEC 080

Strength/Materials

Prerequisite: TEC 060

Develops the student's ability to analyze structural elements subjected to various types of loading. Various means of joining structural elements are also covered. (4 credits, 4 Lecture)

TEC 090

Education-To-Careers

This course provides students with orientation for transitioning from education to careers including interview techniques, resume writing, job search strategies, personal growth and finance. (3 credits, 3 Lecture)

TEC 103

Engineering Graphics

IAI EGR 941

This course provides an in-depth study of engineering graphics communication using mechanical drafting as well as computer-aided drafting programs. The students will learn drafting standards, visualization skills, design, CAD, and descriptive geometry. Drafting equipment and workbook are required. Course Level Fee 1 (3 credits, 1 Lecture, 5 Lab/Lab-Discussion)

TELECOMMUNICATIONS (TEL---)

TEL 051

Networking Basics

Corequisite: EET 060 or consent of instructor

Provides the student with a basic understanding of networking, OSI model, industry standards, and IP addressing. Emphasis placed on hands on learning. (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

TEL 053

Switching and Routing

Prerequisite: TEL 052

Provides the student with an understanding of LAN switching and advanced router configurations. Emphasis placed on hands on learning. (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)

TEL 096

Telecommunications Seminar

The student will be introduced to the local employers and experts in telecommunications and hear their thoughts on the issues that effect the telecommunication industry. (1 credits, 1 Lecture)

TEL 097

Telecommunications S.O.E.

Prerequisite: Sophomore standing in the Telecommunications (093) program

Designed to provide the student with work experience in the field of major while maintaining contact with the instructor for review and assistance. (3 credits, 15 Lab/Lab-Discussion)

TUTORING AND TESTING CENTER (TUT---)

TUT 010▼

Math Anxiety

(Repeatable 3 Times) (2 credits, 2 Lecture)

TUT 013▼

Basic Memory Dynamics

(Repeatable 3 Times)(0.5 credits, 0.5 Lecture)

TUT 023

Test Taking Strategies

(Repeatable 3 Times)(1 credits, 1 Lecture)

TUT 026

Relieving Computer Anxiety

(Repeatable 3 Times) (0.5 credits, 0.5 Lecture)

WELDING (WEL---)

WEL 042

Introduction to Welding

This course prepares students to identify, obtain and keep jobs in the welding field. Demonstrating appropriate work behaviors, developing effective working relationships with others, practicing work related communication skills, understanding roles, business images and adapting to change. (3 credits, 3 Lecture)

WEL 044

Metal Identification

This course prepares students to identify ferrous and non-ferrous metal using various test procedures, Procedures for identifying low, medium and high carbon steel are also covered. Course Level Fee 1 (1 credits, 0.5 Lecture, 1 Lab/Lab-Discussion)

WEL 045

Oxy-Acetylene Welding

This course prepares students to manipulate, set-up and make acceptable welds in various positions using oxy-acetylene equipment. Course Level Fee 1 (2 credits, 0.5 Lecture, 3 Lab/Lab-Discussion)

WEL 046

Metal Cutting Processes

This course covers the processes for cutting metal with oxy-acetylene and plasma cutting equipment and gouging with air carbon arc equipment. Course Level Fee 1 (2 credits, 0.5 Lecture, 3 Lab/Lab-Discussion)

WEL 047

Shielded Metal Arc Welding I

Prerequisite: WEL 057

This course provides an introduction to shielded metal arc welding. Students learn to set up equipment, identify electrodes, strike and run beads in the flat position. Course Level Fee 1 (2 credits, 0.5 Lecture, 3 Lab/Lab-Discussion)

WEL 048

Shielded Metal Arc Welding II

Prerequisite: WEL 057 and WEL 047

In this course students learn to perform single and multiple pass welds with shielded metal arc welding equipment in all positions. Course Level Fee 1 (3 credits, 0.5 Lecture, 5 Lab/Lab-Discussion)

WEL 049**Shielded Metal Arc Welding III**

This course requires students to weld in all positions using SMAW equipment. These welds must pass a guided bend test. Course Level Fee 1 (3 credits, 0.5 Lecture, 5 Lab/Lab-Discussion)

WEL 053**Gas Tung Arc Welding/Alum**

Prerequisite: WEL 057 and WEL 061

Prepares students with the necessary knowledge and skills for employment in industry. Emphasis is placed on gas tungsten arc welding processes for aluminum. Prepare welding joints in the flat, horizontal, and vertical positions. Course Level Fee 3 (4 credits, 1 Lecture, 6 Lab/Lab-Discussion)

WEL 054**Gas Tung Arc/Ss**

Prerequisite: WEL 057 and WEL 061

Prepares students with necessary knowledge and skills for employment in industry. Emphasis is placed on gas tungsten arc welding processes for stainless steel. Prepare welding joints of stainless steel in the flat, horizontal, and vertical positions. Course Level Fee 3 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

WEL 055▼**Pipefitting & Welding**

Prerequisite: WEL 057 and WEL 048

This is a basic course in pipefitting and welding equipment and safety. Topics include: fabrication and installation of industrial piping systems, pipe layout and welding techniques/applications. (Repeatable 3 Times) Course Level Fee 3 (3 credits, 1 Lecture, 4 Lab/Lab-Discussion)

WEL 056▼**Metal Cutting and Fabrication**

This course is designed to provide an understanding of metal cutting and fabricating processes and weld joint design. (Repeatable 3 Times) Course Level Fee 3 (2 credits, 1 Lecture, 2 Lab/Lab-Discussion)

WEL 057**Welding Fundamentals**

Course will cover basic welding processes, including: Oxy-Acetylene welding, Arc welding, Cutting and Brazing. Course Level Fee 3 (2.5 credits, 1 Lecture, 3 Lab/Lab-Discussion)

WEL 058**Gas Metal Arc Welding I**

Prerequisite: WEL 057

This course introduces gas metal arc welding procedures and equipment. Students learn to perform single and multiple pass welds in the flat position with gas metal arc welding equipment. Course Level Fee 1 (2 credits, 0.5 Lecture, 3 Lab/Lab-Discussion)

WEL 059**Gas Metal Arc Welding II**

Prerequisite: WEL 057 and WEL 058

This course teaches students to perform gas metal arc welds in the horizontal, vertical and overhead positions using single and multiple pass welds. Course Level Fee 1 (3 credits, 0.5 Lecture, 5 Lab/Lab-Discussion)

WEL 060**Gas Metal Arc Welding III**

Prerequisite: WEL 059

Students in this course must prepare gas metal arc and flux core welds which pass guided bend tests. Course Level Fee 1 (3 credits, 0.5 Lecture, 5 Lab/Lab-Discussion)

WEL 061**Gas Tungsten Arc Welding**

Prerequisite: WEL 057

This course introduces students to gas tungsten arc welding equipment and procedures. Welds are prepared in flat, horizontal and vertical positions on both ferrous and non-ferrous metals. Course Level Fee 1 (3 credits, 0.5 Lecture, 5 Lab/Lab-Discussion)

WEL 062**Welding Blueprint Read/Layout**

This course teaches students to read and interpret welding symbols and blueprints and to perform a minor welding layout. Math skills especially fractions are emphasized, reviewed and reinforced throughout this course. Course Level Fee 1 (3 credits, 0.5 Lecture, 5 Lab/Lab-Discussion)

WEL 063**Advanced Welding**

Prerequisite: WEL 057

Course will cover advanced procedures of processes related to welding. MIG, TIG, plasma torch, and arc welding. Course Level Fee 2 (2 credits, 0.5 Lecture, 3 Lab/Lab-Discussion)

WEL 074**Welding S.O.E.**

Pre-Requisite: WEL 057

Welding supervised occupational experience in a welding shop or work related manufacturing company position. (Variable Credit 0.5/5 credits, 25 Lab/Lab-Discussion)

WIND TECHNOLOGY (WND---)**WND 040▼****Introduction to Wind Technology**

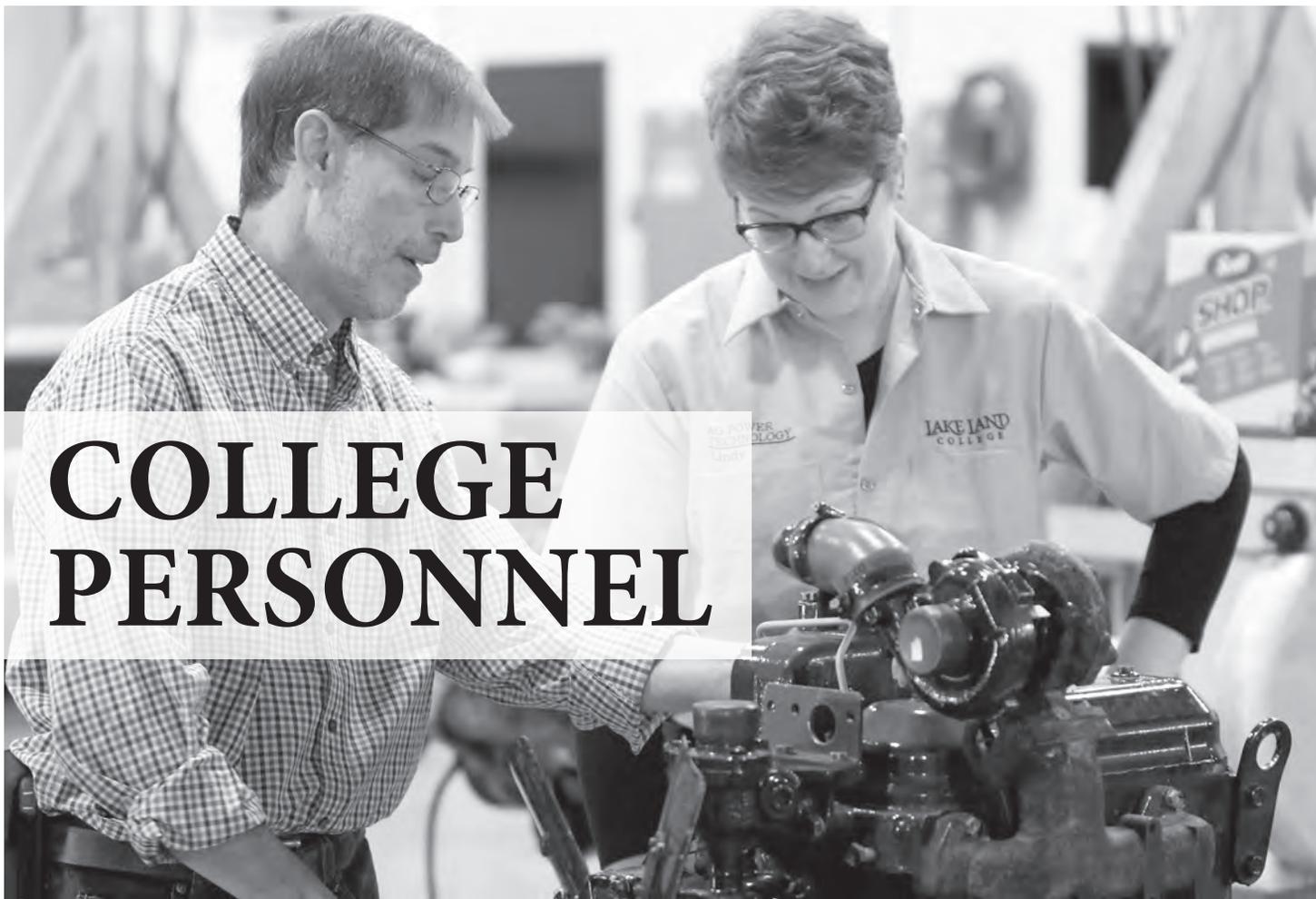
This course provides students with an understanding of basic wind technology concepts. Topics include turbine parts and operation, anemometry data collection and analysis, and evaluation of basic turbine technology. (Repeatable 3 Times) (3 credits, 3 Lecture)

WND 041▼**Wind Technology Maintenance I**

Prerequisite: WND 040 and MET 040 and MET 042 and TEC 048 or WND 040 and EET040 and EET 050 and TEC 050 and TEC 052;

This course introduces students to wind turbine maintenance. Lectures focus on gearbox and electrical system maintenance while the labs focus on tools, climbing and safety. (Repeatable 3 Times) Course Level Fee 2 (3 credits, 2 Lecture, 2 Lab/Lab-Discussion)





COLLEGE PERSONNEL

ADMINISTRATION

OFFICE OF THE PRESIDENT

Jonathan (Josh) Bullock

President
B.B.A., University of Wisconsin
M.B.A., University of Wisconsin
Ph.D., Marian University

Jeffrey Branson

Chief of Police
Executive Management Course
for Law Enforcement – Northwest U
FBI National Academy,
Quantico, Virginia

Lynn Breer

Director of Institutional Research
B.A., Eastern Illinois University
M.S., Michigan State University
Ph.D., Michigan State University

David Cox

Director of Alumni Relations
and Annual Giving
A.S., Lake Land College
B.A., Eastern Illinois University

Jean Anne Grunloh

Senior Executive to the President
B.S., Indiana State University

Jacqueline Joines

Executive Director
for College Advancement
B.S., Eastern Illinois University
M.S., Eastern Illinois University

OFFICE OF ACADEMIC SERVICES

Jon Althaus

Vice President for Academic Services
B.S., Western Illinois University
M.S., Western Kentucky University

Emily Ramage

Director of Grants
and Academic Operations
B.S., Southern Illinois University –
Carbondale
M.A., Eastern Illinois University

OFFICE OF BUSINESS SERVICES

Bryan Gleckler

Vice President for Business Services
B.A., University of Illinois
M.P.A., University of Illinois Springfield

Scott Rawlings

Director of Physical Plant Operations
A.A.S., Lake Land College

Madge Shoot

Comptroller
A.A.S., Lake Land College
B.S., Eastern Illinois University
M.B.A., Eastern Illinois University

Lee Spaniol

Director of Information Systems
and Services
A.A.S., Lake Land College
B.S., Eastern Illinois University
M.B.A., University of Illinois

Dustha Wahls

Director of Human Resources
B.S., – Eastern Illinois University
M.B.A., – Eastern Illinois University

OFFICE OF WORKFORCE SOLUTIONS AND COMMUNITY EDUCATION

James Hull

Vice President for Workforce Solutions and Community Education
A.S., Southeastern Illinois College
B.S., Southern Illinois University – Carbondale
M.B.A., Southern Illinois University – Edwardsville
Ph.D., Southern Illinois University – Carbondale

Bonnie Moore

Director to Center for Business and Industry
A.S., Lake Land College
B.A., Eastern Illinois University
M.B.A., McKendree University

Gerry Schlechte

Director of Workforce Investment
A.A.S., Lake Land College
B.S., Eastern Illinois University

OFFICE OF STUDENT SERVICES

Martina Stovall

Vice President for Student Services
A.S., Lake Land College
B.A., Eastern Illinois University
M.S., Education, Eastern Illinois University
Ed. D, University of Illinois

Kelly Allee

Director of Marketing & Public Relations
B.S., University of Illinois

Paula Carpenter

Director of Financial Aid and Veterans Services
B.S., Eastern Illinois University
M.B.A., Eastern Illinois University

Bill Jackson

Athletic Director/Baseball Coach
A.S., Sauk Valley CC
B.S., Eureka College
M.B.A., Aurora College

Jon Van Dyke

Dean of Admission Services
A.A.S., Lake Land College
B.S., Southern Illinois University – Carbondale
M.S., Southern Illinois University – Carbondale

FACULTY

Iffat Ali

Chemistry Instructor
B.S., Rajshahi University
M.S., Rajshahi University
M.S., Southern Illinois University – Carbondale
Ph.D., Southern Illinois University – Carbondale

Daniel Allen

Physics Instructor
B.S., Valparaiso University
M.S., Brigham Young University

Lara Bacino-Althaus

Psychology Instructor
B.S., Northern Illinois University
M.S., Southwest Missouri State University
M.S., Capella University

Dyke Barkley

Horticulture Instructor
A.A.S., Lake Land College
B.S., University of Illinois
M.A., Saint-Mary of the Woods College

Cheryl Beam

Nursing Instructor/Director of Nursing Certificate, Lake Land College
A.A.S., Olney Central College
B.S.N., Southern Illinois University – Edwardsville
M.S.N., Southern Illinois University – Edwardsville

Michael Beavers

Electronics Engineering Technology Instructor
A.A.S., Lake Land College
A.S., Com. Col. Air Force
B.A., Eastern Illinois University
M.A., Eastern Illinois University

Jodi Birdwell

Art Instructor
B.A., Lander University
M.F.A., University of Illinois

Kathy Black

Division Chair, Business/Business Instructor
A.A.S., Lake Land College
B.S., Southern Illinois University – Carbondale
M.S., Southern Illinois University – Carbondale

Tara Blaser

Philosophy/English Instructor
B.S., State University of New York at Oneonta
M.A., Eastern Illinois University

Haylee Brandt

Nursing Instructor
A.A.S., Lake Land College
B.S., Southern Illinois University – Edwardsville

Andrea Bright

Academic Counselor
A.A., Lake Land College
B.A., Eastern Illinois University
M.S., Eastern Illinois University

Cathy Bunton

Health and Physical Education Instructor
B.A., Cedarville College
M.S., Slippery Rock University

Krista Burrell

Academic Counselor
B.A., Eastern Illinois University
M.S., Eastern Illinois University

Bryan Burrell

Academic Counselor
B.A., Eastern Illinois University
M.Ed., Springfield College

Dion Buzzard

Industrial Technology Instructor
B.S., University of Illinois
M.S., Eastern Illinois University

Nancy Caldwell

Music Instructor
B.M., College of Wooster
M.M., University of Houston
Ph.D., Indiana University

Thomas Caldwell

Philosophy/English Instructor
A.S., Illinois Valley Community College
B.A., Eastern Illinois University
M.A., Eastern Illinois University

Gregory Capitosti

Chemistry Instructor
B.S., University of Pittsburgh
Ph.D., University of Akron

John Carpenter

Business Instructor/Coordinator of Management/Marketing Programs
B.S., Eastern Illinois University
M.B.A., Eastern Illinois University

Michael Ben Cohan

Art Instructor
A.A., Lake Land College
B.A., Millikin University
M.A., Southern Illinois University – Carbondale

Marc DalPonte

Biological Science Instructor
B.S., University of Illinois
M.S., University of Illinois

Kathleen Daugherty

Business Instructor/Program Coordinator
Office Professionals-Medical
B.S., Eastern Illinois University
M.S. Ed., University of Missouri

Kimberly Davis

Education Instructor
B.S., Eastern Illinois University
M.S., Eastern Illinois University

Angela Davison

IT Instructor/Program Coordinator
Computer Applications & Programs
B.S., Eastern Illinois University
M.B.A., Eastern Illinois University

Laura Deters

Basic Nurse Assistant Instructor
A.A., Springfield College
St. Johns School of Nursing, Springfield
B.S.N. Southern Illinois University – Edwardsville

Suzett Doty

Biological Science Instructor
B.A., Southern Illinois University – Carbondale
M.S., Eastern Illinois University

Danielle Downs

Financial Aid & Veteran Services Advisor
A.A., Lake Land College
B.S., Eastern Illinois University

Allen Drake

John Deere Technology Instructor
A.A.S., Lake Land College

Scott Drone-Silvers

Director of Library Services
A.A., Maple Woods Community College
B.A., University of Missouri
M.S., University of Illinois

Amy Duckett

Cosmetology Instructor
Certificate, Lake Land College

Jarrett Dunn

Mathematics Instructor
B.A., Albion College
M.S., Michigan Technological University

Lisa Earp

Business Instructor/Program
Coordinator Office Professionals
B.S., Eastern Illinois University
M.B.A., Eastern Illinois University

Terri Fields

Psychology Instructor
A.A.S., Parkland College
B.A., Eastern Illinois University
M.S., Eastern Illinois University

Kay Foreman

Physical Therapist Assistant Instructor
A.A.S., Belleville Area College
B.S., Eastern Illinois University
M.S. Ed., Eastern Illinois University

Joshua Fulk

Civil Engineering Technology
Instructor/Coordinator
A.A.S, Lake Land College

Andrew Gaines

Academic Counselor/Coordinator
Student Accommodations
A.A., Lake Land College
B.A., University of Illinois
M.S., Eastern Illinois University

Judy Garner

Developmental Reading &
Writing Instructor/Coordinator
A.A., Lake Land College
B.A., Eastern Illinois University
M.A., Indiana State University

John Gentry

Power Plant Mechanic
Instructor/Coordinator
A.A.S, Lake Land College

Tisha Goad

Nursing Instructor
B.S.N. Millikin University
M.S.N. Millikin University

Matthew Greider

History Instructor
A.A. Lake Land College
B.A., Eastern Illinois University
M.A., Eastern Illinois University

Neal Haarman

Building Construction Technology
Instructor/Coordinator
A.A.S., Lake Land College
B.A., Eastern Illinois University

Karla Hardiek

Division Chair Allied Health/
Nursing Instructor
B.S., Southern Illinois University –
Edwardsville
M.S.N, McKendree University

Emily Hartke

Chair of Counseling and
Judicial Affairs Advisement
A.B., University of Illinois
M.S., Ed., Eastern Illinois University

Elizabeth Hartrich

Dental Hygiene Instructor
A.A.S. Parkland College
B.S., Eastern Illinois University
M.S., Eastern Illinois University

Shelle Hartzel

Mathematics Instructor
B.S., University of Illinois
M.A., University of Arizona

Helen Hendren

Human Services Instructor/Coordinator
B.S., Eastern Illinois University
M.S., Eastern Illinois University

Dustin Heuerman

Criminal Justice Instructor/Coordinator
Criminal Justice Programs
A.A., Lake Land College
B.S., Indiana State University
M.S., Indiana State University
Ph.D., Ferris State University

Sarah Hill

Information Services Librarian
B.A., Eastern Illinois University
M.S., Eastern Illinois University
M.A., University of Missouri-Columbia

Kristen Holsapple

Dental Hygiene Instructor
B.S., Southern Illinois University –
Carbondale
M.S., Eastern Illinois University

Shannon Hood

Nursing Instructor
A.A.S., Lake Land College
B.S.N., Southern Illinois University –
Edwardsville
M.S.N., Southern Illinois University –
Edwardsville

Lucinda Horton

Biological Science Instructor
A.S., Lake Land College
B.S., Eastern Illinois University
M.S., Eastern Illinois University

Salisa Hortenstine Olmsted

Division Chair Humanities &
Communications/English,
Speech Instructor
A.A., Lake Land College
B.A., Eastern Illinois University
M.A., Eastern Illinois University

Brenda Hunzinger

Biological Science Instructor
A.S., Lake Land College
B.S., Eastern Illinois University
M.S., Eastern Illinois University

Charles Jarrell

Division Chair Social Science/
Education/Psychology Instructor
A.A.S., John A. Logan College
B.S., Eastern Illinois University
M.A., Morehead State University

David Johnson

Health & Physical Education Instructor/
Head Women's Basketball Coach
A.A.S., Danville Area Community College
B.S., Illinois State University
M.S., Eastern Illinois University

Bambi Jones

Mathematics Instructor
A.S., Lake Land College
B.A., University of Illinois at Springfield
M.A., Eastern Illinois University

Nichole Jones

Nursing Instructor
A.A.S., Lake Land College
B.S.N., Southern Illinois University –
Edwardsville
M.S.N., McKendree University

Kris Kersey

Industrial Maintenance
Instructor/Coordinator
Certificate, Lake Land College
A.A.S., Lake Land College

Tynia Kessler

Business Instructor
B.S., Eastern Illinois University
M.B.A., Eastern Illinois University

Leo Kitten

Computer Integrated Manufacturing
Technology Instructor
B.S., Northern Illinois University

Cassie Koester

Nursing Instructor
A.A., Lake Land College
B.S.N., Lakeview College of Nursing
M.S.N., Indiana Wesleyan University

Matt Landrus

English Instructor
A.A., Lake Land College
B.A., Eastern Illinois University
M.A., Eastern Illinois University

Jonathan Lebold

Business Instructor
B.S., Eastern Illinois University
M.B.A., University of Phoenix

Gary Lindley

Electronic Engineering
Technology Instructor
A.A.S., Danville Area Community College
B.S., Indiana State University
M.S., Eastern Illinois University

Katie Lotz

Economics Instructor
B.A., Eastern Illinois University
M.A., Eastern Illinois University

Brian Lynch

Economics Instructor
B.A., University of Dublin, Ireland
M.A., University of Dublin, Ireland

Valerie Lynch

Director of Student Life
A.S., Lake Land College
B.S., Eastern Illinois University
M.S., Indiana State University

Brian Madlem

Automotive Technology Instructor
A.A.S., Lake Land College

Walter McHenry

Mathematics Instructor
B.A., Indiana University
M.A., Indiana University
M.S., John Hopkins University

Jennifer Melton

Academic Counselor
B.A., Ohio State University
M.S., Eastern Illinois University

Margaret Merry-Niebrugge, D.M.D.

Dental Hygiene Instructor
A.A.S., Lake Land College
B.S., Eastern Illinois University
D.M.D, Southern Illinois University –
Edwardsville

Claire Miller

Chemistry Instructor
B.S. Eastern Michigan University
Ph.D., University of Illinois

Kevin Miller

Automotive Technology Instructor/
Coordinator
A.A.S., Lake Land College

Robert Miller

John Deere Technology Instructor
B.A. Blackburn College

Martha Mioux

Physical Therapist Assistant Instructor/
Program Director
Massage Therapy Instructor/
Program Director
B.S., Maryville College
M.H.S., Washington University

Tina Moore

Director of Career Services
A.S., Lake Land College
B.A., Eastern Illinois University
M.S. Ed., Eastern Illinois University

James Munger

IT Instructor/Program Coordinator
Web Technology
B.B., Western Illinois University
M.S., Western Illinois University

Rakhsha Nasseripour

Physics Instructor
B.S., Amir Kabir University of Technology
M.S., Florida International University
Ph.D., Florida International University

Russell Neu

John Deere Technology Instructor
A.A.S., Lake Land College
B.S., Southern Illinois University –
Carbondale

Robert Newell

English Instructor
B.A., Eastern Illinois University
M.A., Eastern Illinois University

Mark Niemerg

Agronomy Instructor/Farm Manager
A.A.S., Lake Land College
B.S., Southern Illinois University –
Carbondale
M.S., Southern Illinois University –
Carbondale

Heather Nohren

Academic Counselor
B.S., Eastern Illinois University
M.S., Eastern Illinois University

Maria Nohren

Nursing Instructor
B.S.N., Southern Illinois University –
Edwardsville

Ikemefuna Nwosu

Division Chair Math & Science/
Biological Science Instructor
B.S., University of Zambia
M.S., Eastern Illinois University

Samuel “Ryan” Orrick

Division Chair Agriculture/
Agriculture Instructor
A.S., Lake Land College
B.S., Kansas State University
M.S., Southern Illinois University –
Carbondale

Katie Parrish

Social Science Instructor
B.A., Eastern Illinois University
M.A., Southern Illinois University-
Edwardsville

Laura Paruleski

Nursing Instructor
A.S., Pre Nursing – Lake Land College
B.S.N., Southern Illinois University –
Edwardsville
M.S.N., Chamberlain College of Nursing

Cynthia Phipps

Business Instructor/Program
Coordinator Accounting
B.S., University of Illinois
M.S., University of Illinois
CPA, Certified Public Accountant

Cassandra Porter

Nursing Instructor
B.S.N., St. John’s College of Nursing
M.S.N., Southern Illinois University/
Edwardsville

Gregory Powers

Speech Communication/
Broadcasting Instructor
B.A., Eastern Illinois University
M.A., Eastern Illinois University

Jordan Rauch

Agriculture Instructor/Judging Team Coach
A.S., Lake Land College
B.S., University of Illinois
M.S., University of Illinois

Anthony “Woody” Reinhart

Ag Power Technology Instructor
B.S., University of Illinois

Casey Reynolds

Spanish/English Instructor
B.A., Utah State University
M.A., Illinois State University

Scott Rhine

IT Instructor/Coordinator IT Network
Administration Program
B.S., Toccoa Falls College
M.B.A., Eastern Illinois University

Eva Ritchey

Speech Communication Instructor
B.A., Eastern Illinois University
M.A., Eastern Illinois University

M. Shane Rogers

Political Science Instructor
A.A., Lake Land College
B.A., Eastern Illinois University
M.A., Eastern Illinois University

Mike Rudibaugh

Geography/Earth Science Instructor
A.A., Lincoln Trail Community College
B.A., Eastern Illinois University
M.A., Indiana State University
Ph.D., Indiana State University

Marcy Satterwhite

Business Instructor/Program Coordinator
Desktop Publishing/Graphic Design
A.S., Danville Area Community College
B.S., Eastern Illinois University
M.B.E., Eastern Illinois University
M.S., Eastern Illinois University

David Seiler

History Instructor
A.S., Lake Land College
B.A., Eastern Illinois University
M.A., Eastern Illinois University

Kimberly Smithenry

Nursing Instructor
A.A.S., Lake Land College
B.S., Southern Illinois University-
Edwardsville
M.S.N., Indiana State University

Cheryl Staley

Business Instructor
B.S., Eastern Illinois University
M.B.A., Eastern Illinois University

Peggy Strange

Cosmetology Instructor/
Director of Cosmetology
Certificate, Lake Land College
A.A.S., Lake Land College
B.A., Franklin University

Erin Swingler

Nursing Instructor
B.S., Southern Illinois University-
Edwardsville
M.S.N., Indiana State University

Edward Thomas

Speech Communication Instructor
B.A., Eastern Illinois University
M.A., Eastern Illinois University

Deborah Thomason

Dental Hygiene Instructor/
Director of Dental Hygiene
A.A.S., Lake Land College
B.S., Eastern Illinois University
M.S. Ed., Eastern Illinois University

Joseph Tillman

Division Chair Technology/Renewable
Energy Instructor/Coordinator
A.S., Richland Community College
B.A., University of Illinois
B.S., Southern Illinois University –
Carbondale
M.S., Eastern Illinois University

David Turnbull

Biological Science Instructor
A.S., Hudson Valley Community College
B.S., State University
M.S., Iowa State University
Ph.D., Iowa State University

Tanille Ulm

Early Childhood Education Instructor
A.A., Lake Land College
B.S., Eastern Illinois University
M.S., Eastern Illinois University

Beulah Uphoff

Nursing Instructor
A.A.S., Illinois Eastern Community Colleges
B.S., Eastern Illinois University
M.A., Eastern Illinois University

Lori Walk

IDOT Quality Control/Quality
Assurance Instructor/Coordinator
Certificate, Lake Land College
A.A.S., Lake Land College
B.A., Eastern Illinois University

Rick Watson

IDOT Quality Control/
Quality Assurance Instructor
A.A.S., Lake Land College
B.A., Eastern Illinois University

Tara Watson

English Composition Instructor
A.A., Lake Land College
B.A., Eastern Illinois University
M.A., Eastern Illinois University

Janet Waymoth

Nursing Instructor
B.S., Southern Illinois University-
Edwardsville
M.S., Southern Illinois University-
Edwardsville

Jeff White

Biological Science Instructor
B.S., Eastern Illinois University
M.S., Eastern Illinois University

Ryan Wildman

Agriculture Business Instructor
A.S., Lake Land College
B.S., Southern Illinois University –
Carbondale
M.S., University of Illinois

Molly Yeske

Medical Assistant Program Instructor
B.A., Eastern Illinois University
M.S., Eastern Illinois University

Nicole Zeller

Nursing Instructor
A.A.S., Lake Land College
B.A., Wayne State University
M.S.N., University of Illinois – Chicago

**CUSTODIAL/
MAINTENANCE STAFF****Roy Abston**

Custodian

Sharon Barger

Custodian

Jana Barker

Master Gardener

William Baxter

Maintenance II

Victor Breeze

Custodian

Larissa Byrum

Custodian

Tammy Cantwell

Custodian

Margie Conour

Custodian

Don Hardwick

Groundskeeper

Holly Hostetter

Custodian

Jarold Jennings

Custodian

Doug Lauwers

Custodian

Pamela Mayer

Custodian

Steve McDevitt

Maintenance II

Theodore Miller

Custodian

Shelby Musselman

Custodian

Randy Seaman

Service Worker

James Shoot

Groundskeeper

Jody Shriver

Maintenance II

Benjamin Tomasello

Custodian

Diana White

Custodian

**INSTITUTIONAL
SUPPORT STAFF****Tonya Askins**

Microcomputer Support Specialist

Thomas Bales

Print Shop Technician

Richard Beagle

Assistant Network Administrator

Gary Branson

Kluthe Electronic Technician

Lisa Cole

Programmer Analyst

Brandon Colvin

Intervention and Compliance Coordinator/
Head Men's Basketball Coach

Connie Compton

Administrative Assistant
to the V.P. of Business Services

Adrienne Cooper

Marketing Digital Content Coordinator

Jamie Corda

Perkins Specialist

Hannah Crnkovich

Financial Aid Verification Specialist

Nathan Dragovan

Marketing Specialist

Rebecca Earp

Administrative Assistant
to the V.P. of Academic Services

Matthew Gillenwater

Web Programmer

Aubrey Hale

Alternative Education Instructor

Eric Hamilton

Institutional Equipment Technician II

John Hampton

Police Officer

Gregory Harper

Microcomputer Support Specialist

Pamela Hartke

Admissions Representative

Tarah Haskenherm

Simulation Lab Coordinator

Debra Hines

Human Resources Assistant

Stephanie Johnson

Alternative Education Instructor

Jana Kelly

Webmaster

Kirk Kepley

Police Officer

Sabrina Kile

Alternative Education Instructor

Seirra Laughhunn

Administrative Assistant
to President's Office

Anthony Logue

WIOA Operations Coordinator

Lisa Madlem

Director of Academic Support
and Assessment

Jani Merryman

Adult Education Advisor

Olivia Mintun

Admissions Representative

Marianna Moffett

Alternative Education Instructor

Brian Morris

Athletic Trainer

Gregory "Nic" Nelson

Director of Fitness Center/
Head Softball Coach

Megan Nelson

Marketing Publication & Design
Coordinator

Kellie Niemerg

Financial Aid Loan Specialist

Susan Nugent

CTPD Support Technician

Ted O

Director of International Studies Programs

Justin Onigkeit

Transportation Training Coordinator

Desiree Overstreet

Adult and Alternative Education
Program Coordinator

Krista Pickering

Financial Analyst

Kevin Pierce

WIOA Services Representative

Nicole Poggendorf

Outreach Advisor/Mentor TRiO
Destination College

Samantha Pontious

WIOA Financial and Operations Analyst

Kelli Pope

Financial Aid Accountant

Alex Ritz

Police Officer

Paula Rosine

Director of Foundation Operations

Erica Runde

Employment Specialist

Tony Sharp

Programmer Analyst

Lisa Shumard-Shelton

Director Dual Credit & Honors Experience

Kyle Sims

Adult Education Advisor

Chad Smith

Police Sergeant

Paula Smith

Coordinator of Enrollment Services

Shelby Smith

Alternative Education Instructor

Vickie Smith

Microcomputer Support Specialist

Christine Strohl

Director for Community Outreach

Randall Strohl

Technical Training Specialist-CBI

Jason Taylor

Microcomputer Support Specialist

Myra Taylor

Workforce Solutions Project Coordinator

Sharon Uphoff

College Nurse

Brenda Venatta
Programmer Analyst

Tania Ward
TRiO Student Support Services Advising
Counselor

James Westendorf
Server Administrator

Nathan Westendorf
Programmer Analyst

Mariah White-Landrus
Alternative Education Caseworker

Ashli Wicker
TRIO SSS Learning Skills Specialist/
Head Volleyball Coach

Katherine Willenborg
IDOT QC/QA Program Specialist

Colleen Winchester
Sr. Human Resources Generalist and
College Compliance Coordinator

Michelle Zumbahen
Administrative Assistant
to the V.P. of Student Services

PARAPROFESSIONAL STAFF

Amanda Arena
Marketing Production Specialist

Barbara Arthur
Payroll Specialist

Savannah Bear
Administrative Assistant to Humanities

Jerri Blazich
Administrative Assistant
to College Advancement

Braddi Browning
Administrative Assistant to Field House
Operations

Autumn Bustillos
Central Receiving/Mailroom Assistant

April Byard
Administrative Assistant to Center
for Business & Industry Operations

Lisa Dittamore
Administrative Assistant to Career Services

Faith Donaldson
Student Services Specialist III-Admissions

Lynne Donaldson
Student Services Specialist III – Admissions

Hilary Donley
Administrative Assistant to Allied Health-
Nursing

Michelle Gill
Accounting Assistant II-Accounts Payable

Stacey Hakman
Accounting Assistant II-
Accounts Receivable

Sydney Houser
Administrative Assistant
to Allied Health – Dental

Audrey Huffmaster
Bookstore Assistant

Sharmista Keller
Academic Services Specialist

Lisa Leisch
Administrative Assistant
to Counseling Services

Kimberly Manion
Tutoring and Testing Center Specialist

Marlene Meek
Administrative Assistant to Student Life

Marki Millsap
Academic Services Specialist Dual Credit

Cathy Montgomery
Administrative Assistant to Agriculture
and Technology

Rebecca Mueller
Library Circulation Assistant

Camille Niccum
Administrative Assistant to Business

Steffani Parks
Student Services Specialist III-Admissions

Angela Parr
Administrative Assistant
to the Kluthe Center

Jane Plummer
Administrative Assistant to the
Dean of Admission Services

Lee Poffinbarger
Student Services Specialist III-Admissions

Brett Roberts
Administrative Assistant to Math/
Science and SSE

Wrobria Roberts
Financial Aid Outreach Specialist

Catherine Tillman
Library Circulation Assistant

Kimberly Wellbaum
Administrative Assistant
to Physical Plant Operations

Jane Zerkel
Library Cataloging/Acquisitions Assistant

Richelle ZuHone
Accounting Assistant II-Cashier

SUPERVISORY STAFF

Andrea Daily
Business Analyst

David Earp
Print & Mail Services Supervisor

Christina Kramer
Director of Auxiliary Services

Karen Kull
Director of Kluthe Center

Karla Miller
Director Tutoring and Testing Center

Dirk Muffler
Director of Adult and Alternative Education

Amber Niebrugge
Director TRiO Student Support Services

Lori Ohnesorge
Director TRiO Talent Search

Art Turner
Custodial Services Supervisor

William Warfel
Systems Programmer/
Network Administrator

CORRECTIONS FACULTY & STAFF

CORRECTIONS ADMINISTRATION

Harold Bahney
Associate Dean of Correctional Programs
B.S., Eastern Illinois University
M.S., Illinois State University

Jennifer Billingsley
Dean of Correctional Programs –
Northern Region
B.S., Illinois Wesleyan University
M.A., Western Illinois University

Tasha Davis-Long
Associate Dean of Correctional Programs
M.B.A., Colorado Technical University

Robert Eifert
Associate Dean of Correctional Programs
B.S., University of Illinois
M.A., Sangamon State University

Tomi Gravatt
Associate Dean of Correctional Programs
B.S., Southern Illinois University –
Carbondale
M.S., Southern Illinois University –
Carbondale

Harvey Groennert
Associate Dean of Correctional Programs
B.S., Southeast Missouri State University
M.S., Southeast Missouri State University

Malea Harney
Associate Dean of Correctional Programs
B.S., MacMurray College
M.S., Greenville College

Ryan Klier
Associate Dean of Correctional Programs
B.S., McKendree University
M.A., Eastern Illinois University

Douglas Laumbattus
Associate Dean Correctional Programs
A.A., Belleville Area College
B.S., Southern Illinois University –
Carbondale
M.S., Southern Illinois University –
Carbondale

James McConnell
Correctional Site Director
A.A., Southeastern Illinois College
B.A., Eastern Illinois University

Alan Mortensen
Associate Dean of Correctional Programs
B.S., Illinois State
M.A. Pacific States University

Penny Murphy
Correctional Site Director
B.S., Southern Illinois University –
Carbondale

Ginger Murray
Associate Dean of Correctional Programs
B.A., Catholic University of American
M.S., Ed., Northern Illinois University

Keith Stevenson
Associate Dean of Correctional Programs
A.A., Illinois Valley Community College
B.B.A., Northwood University
M.B.A., University of Phoenix

Tabitha Welch

Associate Dean of Correctional Programs
B.S., Southern Illinois University –
Carbondale
M.S., Auburn University Alabama

Christopher Williams

Associate Dean of Correctional Programs
B.S., Illinois State University
M.S., Illinois State University

Brandon Young

Dean of Correctional Programs –
Southern Region
B.A., Indiana University
M.A., Western Illinois University

CORRECTIONAL FACULTY**Dewayne Brown**

Custodial Instructor

Timothy Flowers

Horticulture Instructor
A.S., Lincoln Land Community College
B.S., Southern Illinois University –
Carbondale

Ty Knebel

Welding Instructor
Certificate, WyoTech

Nathan Miller

Construction Occupations Instructor
A.A., Lake Land College
B.S., Eastern Illinois University

**CORRECTIONAL
INSTRUCTORS/STAFF****Murray Alford**

Correctional Commercial Cooking Instructor

Harry Bell

Correctional Welding Instructor

Brian Bender

Correctional Horticulture Instructor

Alana Boylen

Correctional Commercial Cooking Instructor

James Bradford

Correctional Commercial Cooking Instructor

Dennis Buck

Correctional Commercial
Maintenance Instructor

Patricia Burchett

Correctional Custodial
Maintenance Instructor

Marcie Burton

Correctional Career Technology Instructor

David Carr

Correctional Construction
Occupations Instructor

Kevin Collins

Correctional Custodial
Maintenance Instructor

Samuel Columbus

Correctional Automotive Technology
Instructor

Amy Coonce

Correctional Horticulture Instructor

Peggy Cooper

Correctional Career Technology Instructor

Julie Copher

Correctional Office Assistant

Julie Corning

Correctional Office Assistant

Virgil Cox

Correctional Auto Technology Instructor

William Crone

Correctional Horticulture Instructor

Devin Dannels

Correctional Food Service Instructor

Kimberly Dawdy

Correctional Office Assistant

Robert Denniston

Correctional Custodial
Maintenance Instructor

Gregg Dogwiler

Correctional Construction
Occupations Instructor

Marcia Dormire

Correctional Office Assistant

Linda Edmunds

Correctional Commercial Cooking Instructor

Bonnie Elsey

Correctional Career Technology Instructor

Antonio Epting

Correctional Custodian Instructor

John Fennelly

Correctional Custodial
Maintenance Instructor

Charles Followell

Correctional Commercial Cooking Instructor

Pennee Fredrickson

Correctional Office Assistant

Tara Geary

Correctional Office Assistant

Elizabeth Harrington

Administrative Assistant to
Dean of Correctional Programs

Mark Harris

Correctional Career Technology Instructor

Sierra Herendeen

Administrative Assistant
to Juvenile Justice Programs

Ronald Hiland

Correctional Construction
Occupations Instructor

Rick Hunter

Correctional Career Technology Instructor

Betheny Hurt

Correctional Career Technology Instructor

Kenneth Hurt

Correctional Construction
Occupations Instructor

William Jackson

Correctional Construction Occupations
Instructor

Suzanne Kakara

Correctional Commercial Cooking Instructor

Abigail Kerkhoff

Correctional Career Technology Instructor

Lynndi Kesler

Correctional Career Technology Instructor

Ryan Klauser

Correctional Career Technology Instructor

Jennifer Lange

Assistant to Dean of Corrections

Dennis Lanthrum

Correctional Commercial Cooking Instructor

Leonard Larson

Correctional Warehousing Instructor

Ronald Lawrence

Correctional Commercial
Custodian Instructor

Todd Mason

Correctional Horticulture Instructor

Michelle McKenzie

Correctional Office Assistant

Deborah McPherson

Correctional Office Assistant

Kenton Mershon

Correctional Remedial Bridge Instructor

Christopher Miller

Correctional Horticulture Instructor

Dawn Miller

Correctional Career Technology Instructor

Crystal Morse

Correctional Commercial Cooking Instructor

Richard Ninness

Correctional Warehousing Instructor

Tracy Noel

Correctional Horticulture Instructor

William Nolen

Correctional Horticulture Instructor

Rick Odum

Correctional Automotive
Technology Instructor

Serenna Owens

Correctional Horticulture Instructor

Wesley Parish

Correctional Custodial Instructor

Jennifer Pastor Rojop

Correctional Office Assistant

Richard Patera

Correctional Career Technology Instructor

Clark Pearce

Correctional Horticulture Instructor

Kevin Pollitt

Correctional Construction
Occupations Instructor

George Price

Correctional Custodial Maintenance
Instructor

Lisa Rios

Correctional Office Assistant

Kayla Risley

Correctional Office Assistant

Mark Santos

Correctional Career Technology Instructor

Martin Schnorf

Correctional Career Technology Instructor

Gary Scott

Correctional Career Technology Instructor

Louis Shales

Correctional Custodial
Maintenance Instructor

Steven Shales

Correctional Auto Body Instructor

Lisa Shook
Correctional Commercial Cooking Instructor

Kenneth Siercks
Correctional Occupations Instructor

Eric Simmons
Correctional Auto Body Instructor

William Slankard
Correctional Construction
Occupations Instructor

Ashley Sledge
Correctional Office Assistant

Latrina Spence
Correctional Cosmetology Instructor

Cornelius Stanley
Correctional Restaurant Management
Instructor

Melissa Steyer
Correctional Office Assistant

Rusty Tolley
Correctional Automotive
Technology Instructor

Clifford Treadway
Correctional Automotive
Technology Instructor

Michael Tuck
Correctional Custodial
Maintenance Instructor

Brent Urfer
Correctional Custodial
Maintenance Instructor

Amber Volk
Correctional Office Assistant

Lori Watts
Correctional Office Assistant

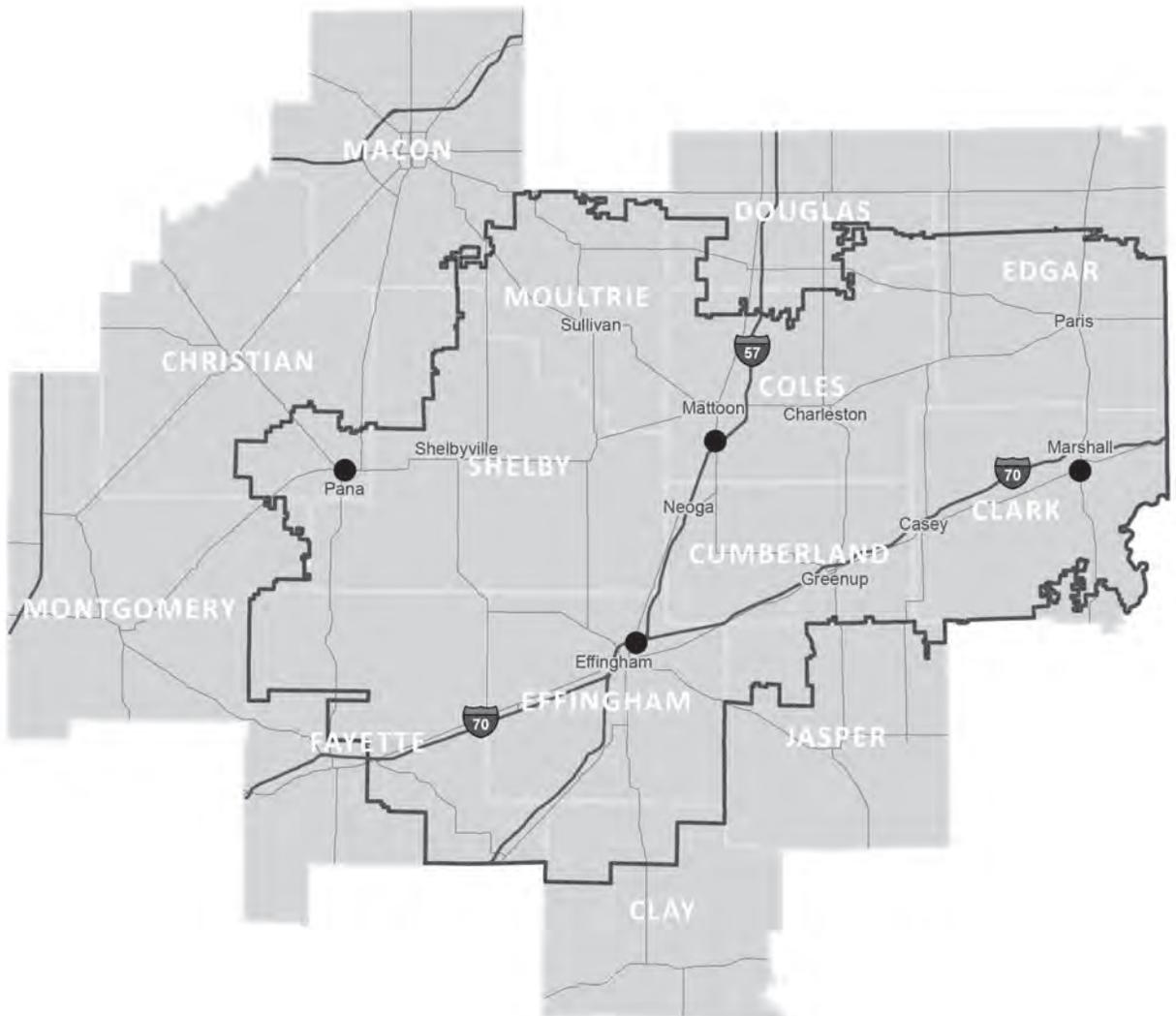
Chad Way
Correctional Career Technology Instructor

George Wenthe
Correctional Construction
Occupations Instructor

Casey White
Correctional Career Technology Instructor

Diana Winson
Correctional Career Technology Instructor

LAKE LAND COLLEGE DISTRICT #517



INDEX



A	
ACT Scores.....	177
Academic Advisement	190
Academic Calendar.....	4
Academic Dismissal.....	200
Academic Honors.....	198
Academic Load	198
Academic Probation.....	199
Academic Standards & Regulations.....	197
Academic Suspension	200
Accounting.....	11
Accreditation.....	6
Adding Courses.....	200
Administration.....	259
Admission Policy	177
Admissions	177
Admissions & Records.....	178
Adult Basic Education	219
Adult Education	215
Advanced Placement (AP) Program.....	202
Affirmative Action	6, 194
Ag Power Technology	14
Agriculture.....	8, 133, 217
Ag Business.....	13
Agriculture Business & Supply	16
Agriculture Production & Management.....	17
Agriculture Workforce Ready Programs.....	8
Agriculture Transfer.....	133
Allied Health.....	8, 221
Associate Degree Nursing – Track	20
Alumni Association.....	212
Anthropology	222
Anti-Harassment Policy	194
Applying.....	177
Art	222
Articulation Agreements.....	8
Assessment.....	205
Associate Degree in Nurse Track	20
Associate Degree in Nurse.....	19, 222
Associate in Applied Science Degree	206
Associate in Arts Degree.....	129, 206
Associate in Engineering Science Degree	135, 206
Associate in Liberal Arts Degree.....	206
Associate in Liberal Studies Degree	21
Associate in Science Degree.....	129, 206
Athletics	211

Attendance Policy	201
Audit Course	200
Automotive Mechanic	22
Automotive Technology	23, 223

B

Basic Manufacturing	24
Basic Nurse Assisting Program	25
Basic Nursing Assistant	26
Basic Welding	27
Bio-science	224
Biological Science (Non-Teaching)	136
Board of Trustees	3
Bookstore	192, 211
Broadcast Announcing	28
Basic Construction	29
Building Construction Technology	30, 224
Business	137
Business Courses	225
Business Education	138

C

CAD	38, 42, 228
Cafeteria/Student Union/Laker Point	212
Calendar, Academic	4
Campus Scheduling	194
Career Services	192
Center for Business & Industry	9, 213
Certificates	206
CET/Advanced Technical Studies	31
Change of Program	200
Chemistry	139, 227
Child & Family Services	34
Child Care (See Early Childhood Care and Education)	50
Civil Engineering Technology	35, 227
Civil Engineering Technology Co-Op	36
CLEP Examinations	203
Clinical Lab Science	140
Clubs	211
College Closing	193
College Life	209
Commercial Truck Driver Training	37, 213, 228
Communicable Diseases	193
Communication Studies	141
Community & Professional Programs	214
Compass	178
Computer-Aided Design Technology	38
Computer-Aided Drafting (CAD)	42, 228
Computer Applications Specialist	39
Computer Animation	74
Computer Information Systems Courses	229
Computer Integrated Manufacturing	231
Computer Programs (see Business)	8
Computer Systems	41
Computer Technician	41
Conservation – Pre-Forestry	142
Conservation – Pre-Wildlife	143

Continuing Education	231
Continuing Professional Development	214
Cooperative Agreements – Career Agreements	10
Cooperative Work Study Program	192
Corrections Faculty & Staff	264
Cosmetology	42, 231
Cosmetology Track	43
Cosmetology Teacher	44
Counseling Services	9, 190
Course Descriptions	217
Course Fees	182, 218
Course Numbering System	217
Course Proficiency	201
Course Withdrawal	198
Credit, Advanced Placement Program, CLEP Exam	203
Criminal Justice	144, 232
Criminal Justice Leadership	45
Crop Production	46
Cross Country Running Trail	212

D

Degree & Certificate Requirements	206
Dental Hygiene	47, 232
Dental Hygiene Track	48
Desktop Publishing	49
Digital Media Specialist	74
Directory Student Information	195
Dislocation Worker Services	187
Dismissal, Academic	200
Distance Learning	214
District Map	266
District Residents	180
Dropping Courses	183, 200
Dual Credit	214

E

Electronic Marketing	52
Early Childhood Care and Education	50, 145, 234
Earth Science	146, 234
Eastern Region Center	216
Economics	147, 235
Education Courses	235
Education, Elementary	148
Educational Guarantee	6
Effingham Kluthe Center	216
Electronic Engineering Technology	53, 235
Electronic Control Technician	51
Electronic Refunds	183
Electronic System Specialist	54
Elementary Education	148
Email Accounts	189
Emergency Medical Services	55, 236
Emergency Medical Tech	237
English	149, 237
English as a Second Language	238
Enrollment Requirements, Degree Seeking	177

Enrollment Requirements, Non-degree Seeking	177
Enrollment Requirements, High School Students	179
Entrepreneurship – Small Business Ownership	56
Environmental Science	150
Esthetics	57, 238
Esthetics Track.....	57
Examinations	201
Experiential Credit/Life Experience Credit	204
Extension Centers	216

F

Faculty	260
Fees	182
Final Exams.....	201
Financial Aid.....	183
Financial Aid, Determining Eligibility	183
Financial Aid Loans & Grants	184
Financial Aid, Major Programs	184
Financial Aid Standards of Satisfactory Academic Progress	185
Financial Aid Verification	183
Financial Aid, Refund & Repayment	185
Financial Aid, Renewal	185
Financial Aid, Summer Term	184
Financial Aid, Veterans & Reservists	183, 186
Financial Information & Assistance	183
Fitness Center	212
Foreign Language	238
Forestry, Pre-Conservation.....	142
Forsythe Center.....	216
Foundation	188
Foundation Scholarships	188
Frisbee Golf Course	212

G

General Education Goals	207
General Education Requirements	7, 130
Geography	239
Geospatial Information Systems (GIS).....	239
Geospatial Technology.....	58
Goals & Mission.....	3
Grade Appeals	199
Grade Exclusion	199
Grade Point Average	199
Grades.....	199
Graduation Requirements.....	206
Graduation with Honors.....	198
Grants & Loans.....	181
Graphic Design.....	59

H

Health Education.....	151, 239
Health Services.....	193
Heating, Refrig. & Air Conditioning.....	60, 239
High School Students.....	179
History	152
Honors, Academic.....	198
Honors, Graduation.....	198

Honors Experience	210
Horticulture	61, 240
Housing	212
Humanities	241
Humanities & Communication	9
Human Relations	207
Human Services.....	241
Human Services – Business	63
Human Services – Criminal Justice.....	64
Human Services – Dietetics.....	65
Human Services – Education.....	66
Human Services – Health	67
Human Services – Psychology.....	68
Human Services – Sociology	69

I

Illinois Articulation Initiative	131
Incomplete Course	198
Independent Study.....	205, 241
Index.....	267
Indiana Residents, Tuition	182
Industrial Maintenance	80, 242
IT – Information Technology.....	242
IT – Computer Applications (AAS)	70
IT – Computer Applications (Certificate)	71
IT – Computer Game Development (Certificate).....	72
IT – Digital Media Specialist (Certificate)	73
IT – Network Administration (AAS).....	74
IT – Networking Administration (Certificate)	75
IT – Programming (AAS).....	76
IT – Programming (Certificate)	77
IT – Web Technology (AAS).....	78
IT – Web Technology (Certificate)	79
Instructor Withdrawals from Courses.....	198
Intensive English Language Program.....	180, 243
Intent to Enroll	177
Intercollegiate Athletics	211
International Students.....	180
Internet Courses.....	182
IRIS – Internet Registration & Information System.....	189
Intramural Athletics	211

J

Job Search	192
John Deere Tech	81, 244
Journalism, Photography	245

K

Kluthe Center for Higher Education & Technology	216
----------------------------------------------------------	-----

L

Laker Hub	189
Laker Mail	189
Laker Point	212
Law Enforcement.....	82
Law Enforcement Operations	83
LEAP	191

Learning Resource Center, Virgil H. Judge	192
Liberal Arts	130, 153
Liberal Arts, Associate in Arts Degree	129
Library.....	192
Life Experience Credit/Experiential Credit	204
Literature	245
Livestock Judging Team TSA	186
Livestock Production	84
Loans, Financial Aid.....	184

M

Machine Tool Technology.....	245
Management	85
Manufacturing Maintenance	245
Manufacturing Skills 1	87
Map of College District.....	266
Marketing	88
Marshall, Eastern Region Center	216
Massage Therapy	90, 246
Massage Therapy Track.....	90
Math Pathways	132
Mathematics.....	154, 246
Mathematics Education.....	155
Mechanical – Electrical Technology	91, 247
Medical Assisting	92, 248
Medical Assistant Track.....	94
Medical Coding & Health Information	95
Medical Coding Specialist.....	96, 248
Medical Transcriptionist	97
Medicine, Pre	163
Military Duty, Student Call to	198
Military Science	249
Mission Statement.....	3, 183
Music	249

N

Nanny Child Care Provider.....	98
Navigator.....	209
Nelnet Payment Plan.....	182
Network Administration, IT	76
Newspaper, Student.....	209
Nursing, ADN.....	19
Nursing, Practical	112
Non-residency Status, Tuition	182

O

Occupational Program Guarantee	6
Off Campus Sites	216
Office Assistant – Executive	99
Office Assistant – Legal.....	100
Office Assistant – Medical.....	101
Office Manager	102
Office Receptionist.....	103
Office Support Specialist.....	104
Office Support Specialist – Medical.....	105
Office Support Specialist – MOS	106
Online Learning.....	192
Organizations, Student	209

Orientation	190
Other Major.....	156

P

Parking	211
Paramedical Services.....	107
Paraprofessional Education.....	109
Partnerships for College and Career Success	215
Pathways to the Future	215
Payment of Tuition & Fees	181
Perkins Program	10, 193
Personnel.....	259
Pharmacy, Pre-	165
Phi Theta Kappa	210
Philosophy	249
Physical Education.....	157, 249
Physical Therapist Assistant Track	111
Physical Therapist Assistant	111, 250
Physics	158, 251
Placement/ Testing.....	177
Police Department	212
Political Science.....	159, 251
Policies, Procedures & Programs	194
Posting a Job Opening	214
Practical Nursing	112, 252
Practical Nursing Track	113
President’s Welcome	3
Presidential Scholarship	186, 210
Pre-Chiropractic	160
Pre-Dentistry	161
Pre-Engineering	162
Pre-Forestry-Conservation	142
Pre-Medicine	163
Pre-Nursing	164
Pre-Pharmacy	165
Prerequisite Checking	177
Pre-Veterinary Medicine.....	166
Pre-Wildlife-Conservation	143
Print Technology.....	252
Private Scholarships	187
Probation, Academic.....	199
Professional Development Seminars.....	214
Professional Sales.....	114
Proficiency of Courses.....	201
Programmable Logic Controllers	115, 252
Programming.....	78
Psychology	167, 252
Public Assistance Grant Program.....	187
Public Safety Telecommunicator	116

R

Radio-TV Broadcasting	118, 253
Radio Broadcasting	117
Radio Station.....	212
Reading	253
Recreation	168, 254
Refunds	183
Registration Procedures.....	178

Renewable Energy	119
Renewable Energy Management.....	120
Renewable Energy Technician.....	121
Rental System.....	182, 211
Repeated Courses.....	201
Residential Wiring	122
Residency Requirements.....	179
Residency Status, Tuition	179
Resources	189
Robotic & Automated Manufacturing	123

S

SAT scores	177
Scholarships.....	188
Science Education	168
Senior Citizens Tuition.....	182
Service Learning	254
Sexual Harassment Policy.....	194
Social Science.....	254
Sociology/Social Work	174, 254
Special Education.....	174
Speech & Theatre Arts	254
Speech Communication	254
Strategies for Success	152, 254
Student Accommodations.....	190
Student Activities	211
Student Activity Board	209
Student Ambassadors	209
Student Call to Military Duty.....	198
Student Classification.....	197
Student Concerns & Grievances	194
Student Conduct.....	194
Student Handbook & Right to Know Information.....	193
Student ID Card	211
Student Government Association	209
Student Life	209
Student Organizations	209
Student Records & Directory Information.....	195
Student Rights & Responsibilities	194
Student Withdrawals from Courses	198
Study Abroad	254
Study Rooms	192
Success Courses	190, 254
Summer College for Youth.....	214
Summer Term Financial Aid	184
Suspension, Academic	200

T

TV-Field/Studio Production.....	125
Talented Student Award.....	186
Workforce Ready Majors.....	7
Technology Courses	9, 255
Telecommunications.....	256
Telephone Directory.....	2
Text Notifications	193, 211
Textbook Rental	182, 211
Title IV Financial Aid.....	183
Traffic Safety Program	214

Transcript Evaluation	179, 205
Transcripts	179, 205
Transfer Ready Majors.....	129
Transfer of Credits.....	205
Transfer Degree Requirements	130, 205
Transfer Program Guarantee.....	6
TRIO Student Support Services	191
TRIO Destination College	215
Truck Driver Training Program.....	213
Trustees, Board of	3
Tuition & Fees.....	182
Tuition Classification.....	182
Tuition, Indiana Residents	182
Tuition, Payments	182
Tutoring	191, 254
Tutoring and Testing Center	191, 256
Two-plus-two Transfer Agreement for Workforce Ready Majors	10

U

Undecided.....	175
----------------	-----

V

Veterans Affairs	190
Veterans & Reservists, Financial Assistance	186
Veterinary Medicine, Pre-	166
Virgil H. Judge Learning Resource Center, Library	192
Vision Statement	3

W

Welding	126, 256
Western Region Center.....	216
Wind Technology.....	257
Withdrawing from Courses	198
WLKL Radio	212
Work and Learn	187
Workforce Development Center.....	213
Workforce Ready Majors	7



LAKE LAND COLLEGE

5001 LAKE LAND BLVD.

MATTOON, IL 61938

217-234-5434

LAKELANDCOLLEGE.EDU