

Transfer Guide

IT Computer Applications to A.A.S. Computer and Information Technology B.S. Lake Land College and Eastern Illinois University

This is a suggested course pattern. Students must work with their advisor to develop a curriculum plan that meets their scheduling needs. Summer classes can also reduce the load during the fall and spring semesters.

Lake Land College Total Hours: 68

First Year

First Semester

CIS 156 Computer Logic	3 (CIT 1813)
CIS 160 Practical Software	3 (EGT 1323 or BUS 1950)
ITT 071 Web Scripting I	3 (DGT 3813 or DGT Elective)
CIS 101 Internet Sys & Apps	3 (MIS Elective) ⁴
CIS 099 Intro to Web Tech	3 (DGT 3813 or DGT Elective) ⁴
<u>BUS 142 Intro to Business</u>	<u>3 (CTE 1420)</u>
	18

Second Semester

CIS 056 Adv Software Application	3 (EGT 1323)
CIS 049 Content Mgt Systems	2 (DGT 4823) ⁴
CIS 070 Network Security	3 (CIT 2853)
CIS 079 Client Operating System	3 (CIT 2803)
<u>CIS 081 Networking Essentials</u>	<u>3 (CIT 2523)</u>
	14

Summer Term

IAI Social Behavioral Science Gen Ed ²	3 (SB Gen Ed)
<u>IAI Social Behavioral Science Gen Ed²</u>	<u>3 (SB Gen Ed)</u>
	6

Second Year

First Semester ³

COM 111 ¹ Intro to Speech Comm	3 (CMN 1310G)
ENG 119 or 120 ¹ Composition I	3 (ENG 1001G ¹)
MAT 124 or 125 Statistics	3 (MAT 2250G)
CIS 162 Object-Oriented Program I	3 (CIT 2183 or CIT Elective)
<u>CIS/ITT Elective ⁴</u>	<u>3 (CIT Elective)⁴</u>
	15

Second Semester

BUS 079 Professional Development	3 (BUS Elective)
ENG 121 ¹ Composition II	3 (ENG 1002G)
CIS 164 Object-Oriented Program II	3 (CIT 2283)
CIS 095 Database management	3 (CIT 4770)
<u>IAI Social Behavioral Sci Gen Ed²</u>	<u>3 (SB Gen Ed)</u>
	15

Eastern Illinois University Total Hours: 61

Third Year

First Semester

CIT 1001 Intro Computer & Info Tech	1
CIT 2773 Database Administration	3
MIS 4700 Advanced Networking	3
or CIT 3153 Data Communication Tech II	
Humanities General Education ²	3 (Upper Level)
<u>Biological Science Gen Ed⁴</u>	<u>3</u>
	13

Second Semester

EGT 2324 Electricity Electronic Controls	4
EGT 3414 Engineering Tech Project Mgt	4
MAT 2120G ⁵ Finite Math	3
Physical Science Gen Ed ⁴	4
<u>Fine Arts General Education ²</u>	<u>3 (Upper Level)</u>
	18

Fourth Year

First Semester

CIT 4663 System Admin/Architecture	3
CIT 4843 Human Computer Interaction	3
CIT 4823 Big Data & Cloud Computing	3
ODL 4835 Supervision in Organizations	3
<u>Humanities or Fine Arts Gen Ed²</u>	<u>3 (Upper Level)</u>
	15

Second Semester

CIT 4749 Capstone Project in CIT	3
DGT 4814 Digital Media Strategy	3
CIT 4760 Sys Analysis, Design, Develop	3
MIS 4850 Systems Security	3
<u>EIU 4 ---- Senior Seminar</u>	<u>3</u>
	15

Total Program Semester Hours: 129

Notes

¹ Grade of "C" or better is required

² One course must be culturally diverse.

³ Apply to Eastern and have official transcripts sent from college and high school.

⁴ Electives may be placed into the CIT major electives needed for graduation.

⁵ May need additional prerequisites.

NOTE - Completion of two semesters of a single foreign language is an EIU graduation requirement. Students are exempt if completed two full years of a foreign language in high school with a "C" average or better.

Transfer guide is in effect from Fall 2023 – Fall 2027. Departmental Contacts are Eastern Illinois University: Toqeer Israr, 217-581-2721, taisrar@eiu.edu; and Lake Land College: Angela Davison, adavison@lakelandcollege.edu, 217-234-5414. Institutional Contacts are Eastern Illinois University: Rita Pearson, 217-581-7663, ripearson@eiu.edu; and Lake Land College: Emily Ramage, eramage@lakelandcollege.edu, 217-234-5403.