

Transfer Guide

IT Network Administration 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: 72

First Year

First Semester

CIS 099 Intro Web Tech	3 (DGT 3813)
CIS 156 Computer Logic	3 (CIT 1813)
CIS 160 Practical Software	3 (EGT 1323 or BUS 1950)
ITT 063 Innovation I	3 (EGT 3103) ⁴
<u>CIS/ITT Elective⁴</u>	<u>2 (CIT Elective)</u>
	14

Second Semester

CIS 079 Client Operating System	3 (CIT 2803 or CIT Elective)
CIS 081 Networking Essentials	3 (CIT 2523 or CIT Elective)
CIS 060 Project Management	2 (MIS Elective)
COM 111 ¹ Intro to Speech Comm	3 (CMN 1310G)
ENG 119 or 120 ¹ Composition I	3 (ENG 1001G ¹)
<u>MAT 124 or 125 Statistics</u>	<u>3 (MAT 2250G)</u>
	17

Summer Term

ENG 121 ¹ Composition II	3 (ENG 1002G)
<u>IAI Social Behavioral Science Gen Ed²</u>	<u>3 (SB Gen Ed)</u>
	6

Second Year

First Semester³

CIS 070 Network Security	3 (CIT 2853)
CIS 084 Server Operating Systems	3 (CIT 2803 or CIT Elective)
CIS 087 TCP/IP and Routing	3 (CIT 2523 or CIT Elective)
CIS 073 Survey Operating Systems	3 (CIT 2803 or CIT Elective)
IAI Social Behavioral Science	3 (SB Gen Ed)
<u>CIS/ITT Elective⁴</u>	<u>3 (CIT Elective)</u>
	18

Second Semester

CIS 053 Wireless Networking	3 (MIS Elective) ⁴
CIS 085 Adv Server Operating Sys	3 (MIS Elective) ⁴
CIS 089 Advanced Routing	3 (CIT 3153)
CIS 074 IT Seminar	1 (MIS Elective) ⁴
ITT 043 IT Net Admin Degree Int	2 (MIS Elective) ⁴
IAI Social Behavioral Science	3 (SB Gen Ed)
<u>CIS/ITT Elective⁴</u>	<u>2 (CIT Elective)</u>
	17

Eastern Illinois University Total Hours: 67

Third Year

First Semester

CIT 1001 Intro Computer & Info Tech	1
CIT 2773 Database Administration	3
CIT 2183 Software Development for Tech I	3
EGT 2324 Electricity Electronic Controls	4
<u>Biological Science Gen Ed⁴</u>	<u>3</u>
	14

Second Semester

CIT 2283 Software Development for Tech II	3
MAT 2120G ⁵ Finite Math	3
Humanities General Education ²	3 (Upper Level)
Humanities or Fine Arts Gen Ed ²	3 (Upper Level)
<u>Physical Science Gen Ed⁴</u>	<u>4</u>
	16

Summer Term

<u>EIU 4 ---- Senior Seminar</u>	<u>3</u>
	3

Fourth Year

First Semester

EGT 3414 Engineering Tech Project Mgt	4
CIT 4770 Database & Data Mgt	3
CIT 4823 Big Data & Cloud Computing	3
CIT 4843 Human Computer Interaction	3
<u>CIT 4663 System Admin/Architecture</u>	<u>3</u>
	16

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
ODL 4835 Supervision in Organizations	3
<u>Fine Arts General Education²</u>	<u>3 (Upper Level)</u>
	18

Total Program Semester Hours: 139

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:** Scott Rhine, 217-234-5353, srhine@lakelandcollege.edu. 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.