

Transfer Guide

Information Systems Technology Cybersecurity Specialist AAS to Computer Information Technology B.S.

Illinois Eastern Community Colleges 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.

Illinois Eastern Community College

First Year

First Semester

ENG 1111 ¹ Composition I	3 (ENG1001G)
IST 1200 Intro Info Tech	3 (CIT 1001)
IST 1260 Operating Systems	3 (CIT 2803)
IST 1298 Topics in IST	1 (CIT Elective)
MTH 1102 ² College Algebra	3 (MAT 1271)
MTH 1131 ² Intro Statistics	3 (MAT 2250G)
	<u>16</u>

Second Semester

IST 1201 Intro to Networks	3 (CSM Elective)
IST 1210 IT Essentials	3 (CIT Elective)
IST 1240 Business Apps Comp	3 (EGT 1323)
IST 2231 IoT Connecting Things	3 (CIT Elective)
SPE 1101 ¹ Fund of Effective Speaking	3 (CMN 1310G)
	<u>15</u>

Second Year

Third Semester ⁴

GEN 2297 Employment Skills	2 (GEN Elective)
IST 1220 Java Programming	3 (CIT 2283)
IST 2202 Linux Essentials	3 (CIT 2803 or CIT Elective)
IST 2280 Network Security	3 (CIT Elective)
IST 2203 Cybersecurity Essentials	3 (CIT 2853)
ENG 1121 ¹ Composition II	3 (ENG 1002G)
	<u>17</u>

Fourth Semester

IST 2210 IST Internship	3 (CIT Elective)
IST 2232 IoT Big Data & Analytics	3 (CIT 4823)
IST 2205 IoT Security	3 (CIT 2853 or CIT Elective)
IST 2206 Cybersecurity Operations	3 (CIT Elective)
IAI Hum or Soc Beh Sci Gen Ed ⁶	3 (HUM or SB Gen Ed)
	<u>15</u>

Summer Term

Fine Arts General Ed ³	3 (FA Gen Ed)
MTH 1151 ² Finite Math	3 (MAT 2120G)
	<u>6</u>

Eastern Illinois University

Third Year

First Semester

CIT 1813 Intro Programming C++	3
CIT 2183 Software Develop Tech	3
CIT 2773 Database Admin	3
Physical Science Gen Ed ⁵	3-4
Social Behavioral Sci Gen Ed ³	3
	<u>15-16</u>

Second Semester

CIT 2523 Data Communication Tech I	3
CIT 4663 Sys Admin/Architech	3
EGT 2324 Electricity Elect Control	4
ODL 4835 Supervision in Org	3
Biological Science Gen Ed ⁵	3-4
	<u>16-17</u>

Summer Term IECC

IAI Humanities/Fine Arts Gen Ed ³	3 (HU/FA Gen Ed)
Social Behavioral Sci or Hum Gen Ed ⁶	3 (SB or HUM Gen Ed)
Social Behavioral Sci Gen Ed ³	3 (SB Gen Ed)
	<u>9</u>

Fourth Year

Third Semester

CIT 4749 Capstone Project in CIT	3
CIT 4760 Sys Analysis Design	3
DGT 3813 Web Development	3
EGT 3414 Egr Tech Project Mgt	4
EIU 4xxx Senior Seminar	3
	<u>16</u>

Fourth Semester

CIT 4770 Database & Data Mgt	3
CIT 4843 Human Comp Interact	3
DGT 4814 Digital Media Strategy	3
MIS 4850 Systems Security	3
CIT 3153 Data Comm Tech II	3
	<u>15</u>

IECC Total: 78 Semester Hours
EIU Total: 63 Semester Hours
Total Program: 141 Semester Hours

¹ A Grade of "C" or better is required.

² May need a prerequisite or appropriate math placement score.

³ One Course must meet Cultural Diversity graduation requirement.

⁴ Apply to Eastern one year prior to enrollment. Have official transcripts sent from college and from high school.

⁵ One Science must have a laboratory experience.

⁶ 9 hours of Humanities/Fine Arts and 9 hours of Social Behavioral Sciences are required for EIU graduation.

Note Completion of the second level of a single Foreign Language is a graduation requirement. 2 full years of a single foreign language in high school with a "C" average or the second semester in a college level foreign language completes the requirement.

Agreement is in effect from Fall 2023 - 2027. Departmental Contacts are **Eastern Illinois University:** Toqeer Israr, taisrar@eiu.edu, 217-581-2721 and **Illinois Eastern Community Colleges:** Jane McCormick, jmccormick@iecc.edu, 618-395-7777 x5811. Institutional Contacts **Eastern Illinois University:** Rita Pearson, 217-581-7663; and **Illinois Eastern Community Colleges:** Alyssa Maglone, amaglone@iecc.edu, 618-879-9443.

Articulation Agreement
Between
Eastern Illinois University
And
Illinois Eastern Community Colleges

The Illinois Eastern Community Colleges (IECC) and the Board of Trustees of Eastern Illinois University (EIU) form a cooperative relationship through this articulation agreement to serve better our public constituents, to smooth transfer, to minimize duplication of instruction, and to build on community college and university learning experiences. Both institutions recognize that working together, their collective efforts are stronger than their individual efforts.

The two institutions agree to the following:

1. Any student who has completed a baccalaureate-oriented associates degree at IECC (with the required 2.00 GPA) and submits required application and supporting documentation will automatically be admitted to EIU at the junior level and will be deemed to have met EIU's lower-division general education requirement.
2. Acceptance into a specific EIU program is based on the individual transferring student meeting the conditions and considerations listed for that program. Specifically, students completing the **Information Systems Technology Cybersecurity Specialist A.A.S.** program at IECC will be admitted to the baccalaureate **Computer Information Technology B.S.** program at EIU.
3. The courses listed in the attached prescribed IECC transfer guide has been reviewed and accepted for transfer to EIU.
4. Relationships between IECC and EIU faculty and administration are in the spirit of cooperation and provide the basis for this agreement.
5. Representatives of both institutions agree to meet on a regular basis to assess curricular changes and other conditions that may affect the nature of this agreement.
6. This agreement does not preclude either institution from making curriculum changes as it may solely deem appropriate in which case appropriate prior notice will be given to the operative academic personnel at the cooperating institution.
7. Appropriate publications and promotional materials regarding this agreement will be made available to all IECC students.
8. Either EIU or IECC may dissolve this agreement by giving one year advance notice to the cooperating institution's president or academic vice president.
9. This agreement is effective with the **2023-2024** academic year and is subject to renewal quadrennially.


EASTERN ILLINOIS UNIVERSITY



David Glassman, President

3/3/23

Date

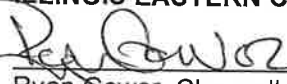


Jay Gatrell, Provost and
Vice President for Academic Affairs

4/24/23

Date

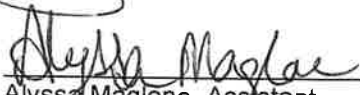
ILLINOIS EASTERN COMMUNITY COLLEGES



Ryan Gower, Chancellor

4/24/23

Date



Alysse Maglone, Assistant
Dean of Academic Services

4/24/23

Date