

Transfer Guide

A.A.S. in Computer-Aided Design Technology to Engineering Technology B.S.

Lake Land College and Eastern Illinois University

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

First Semester

TEC 103 Enr Graphics	3 (EGT 2043)
CAD 056 CAD I	2 (EGT Elective) ⁴
CIS 160 Prac Software	3 (EGT 1323 or BUS 1950)
ENG 119 or 120 ¹ Composition I	3 (ENG 1001G)
MAT 130 ² College Algebra	3 (MAT 1271/1400)
or APT 041 Applied Math I	or (EGT Elective)
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Lake Land College

Second Semester

CAD 057 CAD II	3 (EGT Elective) ⁴
CAD 062 Intro to Solid Works	2 (EGT Elective) ⁴
MAT 132 ⁶ Trigonometry	3 (MAT 1330)
or APT 042&043 Appl Math I & III	or (EGT Electives)
IAI Social Science General Ed ³	3 (SB Gen Ed)
IIT 063 Innovation I	3 (EGT 3103)
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Summer Term ⁷

COM 111 Public Speaking	3 (CMN 1310G)
MAT Any IAI GECC Gen Ed	3 (MAT Gen Ed)
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Third Semester ⁵

CAD 058 CAD Systems	2 (EGT Elective) ⁴
CIM 092 CAM	3 (EGT Elective) ⁴
CAD 060 3D Solid Mod	3 (EGT 3063)
SOS 052 Workplace Safety	3 (EGT 2773)
PHY 130 Physics	4 (PHY 1151G/1152G)
Or TEC 060 Analytical Mechanics	or (CMG Elective)
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Fourth Semester

CAD 059 Special Apps CAD	3 (EGT Elective) ⁴
CAD 061 3D Parametric Design	3 (EGT Elective) ⁴
CIM 060 Comp Num Control	3 (EGT 3663)
MET 084 Tech Mechanisms	3 (EGT 3703)
APT 050 Electrical Principles	4 (EGT 2324)
	16

Lake Land Total: 65 Semester hours

First Semester

ENG 1002G ¹ Composition & Literature	3
EGT 1303 Engineering Tech Apps	3
EGT 1413 Intro to EGT	3
IAI Social Science General Ed ³	3
CMG 2953 Strength of Materials	3
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Third Semester

EGT 3414 EGT Project Management	4
EGT 4943 Manufacturing Management	3
Social Science Gen Ed ³	3(Upper Level)
Humanities or Fine Arts ³	3(Upper Level)
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Eastern Illinois University

Second Semester

EGT 2004G Materials Science	4
EGT 4753 Lean Manufacturing	3
EGT 2424 Manufacturing Fabrication	4
Humanities Gen Ed ³	3(Upper Level)
BIO General Education	3
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Fourth Semester

EGT 4503 Engineering Tech Cost Analysis	3
EGT 4704 Engineering Tech Capstone	4
ODL 4835 Supervision in Organizations	3
EGT 4843 Statistics Quality & Reliability	3
Fine Arts General Education ³	3(Upper Level)
	16

EIU Total: 61 Semester hours

Program Total: 126 Semester hours

Notes - 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.

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 12 Hours applied to Engineering Technology Major Electives.

⁵ Apply to Eastern one year prior to enrollment. Have official transcripts sent from college and from high school.

⁶ Prerequisite for PHY 130. May be exempt with high school Trigonometry.

⁷ General Education required for Bachelors Degree at EIU

NOTE - Agreement is in effect from Fall 2023 – Fall 2027. Departmental Contacts are **Eastern Illinois University:** Mahmoud Al-Odeh, malodeh@eiu.edu, 217-581-7259; and **Lake Land College:** Leo Kitten, lkitten@lakelandcollege.edu, 217-234-5316. 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 and Heather Nohren, hnohren@lakelandcollege.edu, 217-234-5256.

Articulation Agreement
Between
Eastern Illinois University
And
Lake Land College

Lake Land College (LLC) 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 transferable associates degree at LLC consistent with the Illinois Articulation Initiative (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 **Computer-Aided Design Technology A.A.S.** at LLC will be admitted to the baccalaureate **Engineering Technology B.S.** at EIU.
3. The courses listed in the attached prescribed LLC transfer guide has been reviewed and accepted for transfer to EIU.
4. Relationships between LLC 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 LLC students.
8. Either EIU or LLC may dissolve this agreement by giving one years' 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 every four years.

EASTERN ILLINOIS UNIVERSITY



David Glassman, President

4/26/23

Date



Jay Gatrell, Provost and
Vice President for Academic
Affairs

4/24/23

Date

LAKE LAND COLLEGE



Jonathan Bullock, President

5/8/23

Date



Ikemefuna Nwosu, Vice
President for Academic
Services

5/4/23

Date