

Lake Land College and Eastern Illinois University
Transfer Guide
From A.A.S. in Computer-Aided Design
to B.S. in Organizational & Professional Development

*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.*

Lake Land College

First Semester

CAD 056 CAD I	2 (AET 1001)
CIS 160 Pract Software App	3 (BUS 1950)
ENG 120 Composition I ¹	3 (ENG 1001G)
TEC 050 Tech Math I (Mod 1)	2 (MAT Elective ¼ Gen Ed)
TEC 052 Tech Math II (Mod 2)	2 (MAT Elective ¼ Gen Ed)
TEC 103 Engineering Graphics	3 (AET 2043)
Social Behav Science IAI ³	3 (Soc/Beh Gen Ed)
	18

Third Semester²

CAD 058 CAD Systems	2 (AET Elective)
CAD 060 3D Solid Modeling	3 (AET Elective)
CIM 092 Comp Aid Manufact	3 (AET Elective)
HED 178 Respond Emergencies	2 (HST 2320)
TEC 060 Analytical Mechanics	4 (AET Elective)
Design/Draft Elective	3 (AET Elective)
	17

Second Semester

CAD 057 CAD II	3 (AET Elective)
CAD 059 Special App of CAD	3 (AET Elective)
CIM 060 Comp Num Con Mach	3 (AET Elective)
TEC 054 Tech Math III (Mod 1)	2 (MAT Elect ¼ Gen Ed)
TEC 056 Tech Math IV (Mod 2)	2 (MAT Elect ¼ Gen Ed)
Design/Draft Elective	3 (AET Elective)
	16

Fourth Semester

CAD 061 3D Parametric Design	3 (AET Elective)
MET 084 Technical Mechanisms	3 (AET 3703)
TEC 080 Strength of Materials	4 (AET 2953)
Design/Draft Elective	3 (AET Elective)
Social Behav Science IAI ³	3 (Soc/Beh Gen Ed)
	16

Lake Land Total: 67 Semester hours

Eastern Illinois University

First Semester

ENG 1002G Composition and Literature ¹	3
CMN 1310G Public Speaking ¹	3
OPD 3000 Portfolio or OPD 4810 ⁴	3
OPD 4830 Organizational Perspectives	3
Fine Arts Gen Ed ^{3,5}	3 (Upper Level)
	15

Third Semester

EIU 4____ (Senior Seminar)	3
FA or HUM Gen Ed	3
Elective or Portfolio Credit ⁵	3 (Upper Level)
Elective or Portfolio Credit ⁵	3 (Upper Level)
Elective or Portfolio Credit ⁵	3 (Upper Level)
	15

EASTERN ILLINOIS UNIVERSITY SEMESTER HOURS = 58

TOTAL PROGRAM SEMESTER HOURS = 125

Second Semester

OPD 4835 Supervision	3
OPD 4840 Training Pgm Mgmt	3
BIO Science Gen Ed	3
Soc./Behav Gen Ed ^{3,5}	3 (Upper Level)
Humanities Gen Ed ^{3,5}	3 (Upper Level)
	15

Fourth Semester

Physical Lab Science Gen Ed	4
Elective or Portfolio Credit ⁵	3 (Upper Level)
Elective or Portfolio Credit ⁵	3 (Upper Level)
Elective or Portfolio Credit ⁵	3 (Upper Level)
	13

¹ "C" or better is required for Composition I, Composition II and Public Speaking.

² Apply to Eastern Illinois University one year prior to enrollment.

³ One general education course must be designated as culturally diverse.

⁴ Students must take OPD 4810 if they are not planning to submit a prior learning portfolio. If they plan to submit a portfolio, they must take OPD 3000.

⁵ 40 upper division hours are required for graduation. This can be met through general education, portfolio, or a combination.

Note – OPD majors are exempt from the foreign language requirement at Eastern

NOTE – Agreement is in effect from Fall 2013 – Fall 2017. Departmental Contacts are **Eastern Illinois University: Donna Dawson, ddawson@eiu.edu, 217-581-7128; and Lake Land College: Tim VanDyke, 217-234-5313, tvandyke@lakeland.cc.il.us**. Institutional Contacts are **Eastern Illinois University: Rita Pearson, 217-581-7663, ripearson@eiu.edu; and Lake Land College: Deborah Hutti, 217-234-5273, dhutti@lakeland.cc.il.us.**

Lake Land College and Eastern Illinois University

Transfer Guide

A.A.S. in Computer-Aided Design to

B.S. in Applied Engineering Technology (General Option, Construction Concentration)

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.

Lake Land College

First Semester			
TEC 103	Enr Graphics	3	(AET 2043)
CAD 056	CAD I	2	(AET 1001)
CIS 160	Prac Software	3	(BUS 1950)
ENG 120 ¹	Composition I	3	(ENG 1001G)
MAT 130 ²	College Algebra	3	(MAT 1271/1400)
IAI Humanities ³		3	(HUM Gen Ed)

17

Third Semester ⁵			
CAD 058	CAD Systems	2	(AET Elective) ⁴
CAD 092	CAM	3	(AET Elective) ⁴
CAD 060	3D Solid Mod	3	(AET Elective) ⁴
MAT 125 ² or BUS 281	Statistics	3	(MAT 2250G or BUS 2810)
Design/Draft Elective		3	(AET Elective) ⁴
CHM or PHY Science ⁶		4	(CHM/PHY Science)

18

Second Semester			
CAD 057	CAD II	3	(AET Elective) ⁴
CAD 059	Special Apps CAD	3	(AET Elective) ⁴
MAT 210	Finite Math	3	(MAT 2120G)
MAT 060	Comp Num Control	3	(AET Elective) ⁴
Design/Draft Elective		3	(AET Elective) ⁴
SPE 111 ¹	Public Speaking	3	(CMN 1310G)

18

Fourth Semester			
TEC 080	Strength of Materials	4	(AET 2953)
MEI 084	Tech Mechanisms	3	(AET 3703)
CAD 061	3D Parametric Design	3	(AET Elective) ⁷
ECO 231	Macroeconomics	3	(ECN 2801G)
Design/Draft Elective		3	(AET Elective) ⁴
HED 178	Respond Emergencies	2	(HST 2320)

18

Lake Land Total: 71 Semester hours

Eastern Illinois University

First Semester

ENG 1002G ¹	Composition & Literature	3
AET 1263	Materials Technology	3
AET-2324	Electronic Control Systems	3
Social Science Gen Ed ³		3
CHM or PHY Science ⁶		4

16

Third Semester

BUS 3010	Mgt & Org Behavior	3
AET 4843	Statistical Quality Assurance	3
AET Tech Develop Elect ⁸		3(Upper Level)
Humanities or Fine Arts ³		3(Upper Level)
Social Science Gen Ed ³		3(Upper Level)

15

Second Semester

BIO 1001G	Biological Principles	3
AET 1413	Technological Systems	3
AET 3414	Applied EGR Projects	4
AET Tech Develop Elect ⁸		3(Upper Level)
AET Area of Concentration Elective		3(Upper Level)

16

Fourth Semester

AET 4823	Facility Security	3
AET 4943	Manufacturing Management	3
AET Area of Concentration Elective		3(Upper Level)
EIU 4 _____		3(Sr. Seminar)
Fine Arts General Education ³		3(Upper Level)

15

EIU Total: 62 Semester hours

Program Total: 133 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 9 hours of AET Electives will be applied to the Area of Concentration for the Applied Engineering Technology Major.

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

⁶ Eight hours are required. Can choose from: CHM 1040G, CHM 1310G/1315G, PHY 1052G/1053G, PHY 1151G/1152G, PHY 1351G/1352G, PHY 1161G/1162G, and PHY 1361G/1362G.

⁷ Waiver for 1323 at EIU.

⁸ Upper Division Technical Development Choose from: AET 3103, 3113, 4002, 4853

NOTE - Agreement is in effect from Fall 2011 - Fall 2015. Departmental Contacts are Eastern Illinois University: Donna Dawson, ddawson@eiu.edu, 217-581-7128; and Lake Land College: Galen Altman, 217-234-5342, galtman@lakeland.cc.il.us. Institutional Contacts are Eastern Illinois University: Rita Pearson, 217-581-7663, ripearson@eiu.edu; and Lake Land College: Deborah Hutti, 217-234-5273, dhutti@lakeland.cc.il.us.