

Proposed Lake Land College (LLC) and Eastern Illinois University (EIU) Articulation Guide beginning Fall 2018

From A.A.S. in Building Construction Technology to EIU Bachelor's of Science in Construction Management

Lake Land College

LLC - First Semester

Course	LLC Credit Hours	EIU Equivalent Course	EIU Course Description
TEC 050 - Technical Mathematics I	2	EGT 1303	EGT Applications
TEC 052 - Technical Mathematics II	2	EGT 1303	EGT Applications
BCT 045 - Plans and Specifications	3	CMG 2223	Print Reading and Intro to BIM - 1/2
TEC 045 - Introduction to Drafting	2		CMG Elective
BCT 054 - Basic Carpentry	4	AET 2253	Construction Equipment and Materials
CET 060 - Surveying I	3	AET 3213	Site Surveying and Planning - 1/3
	16		

LLC - Second Semester

Course	LLC Credit Hours	EIU Equivalent Course	EIU Course Description
TEC 054 - Technical Mathematics III	2	EGT 1303	EGT Applications
TEC 056 - Technical Mathematics IV	2	EGT 1303	EGT Applications w/Departmental Waiver for MAT 1330
CAD 056 - CAD I	2		CMG Elective
EET 069 - Residential Wiring I	3	EGT 2324	CMG Elective
HED 178 - Responding to Emergencies	2	EGT 2773	Safety for Engineering Technology*
BCT 062 - Architectural Drafting II	4	AET 2043	Computer-aided Engineering Drawing
	15		*Must take CMG 4413 as upper division Elective to articulate

LLC - Third Semester

Course	LLC Credit Hours	EIU Equivalent Course	EIU Course Description
ENG 120 - Composition I	3	ENG 1001G	Composition I
TEC 060 - Analytical Mechanics	4		CMG Elective
BCT 064 - Construction Survey Layout	3	AET 3213	Site Surveying and Planning - 2/3
SPE 111 - Intro to Speech Communications	3	CMN 1310G	Intro to Speech Communications
CAD 059 - Revit	3	CMG 2223	Print Reading and Intro to BIM - 1/2
	16		

LLC - Fourth Semester

Course	LLC Credit Hours	EIU Equivalent Course	EIU Course Description
TEC 080 - Strength of Materials	4	AET 2953	Statics & Strength of Materials
BCT 076 - Architectural Design	4		CMG Elective
ECO 231 - Principles of Econ I (Macro)	3	ECN 2801G	Principles of Macroeconomics
TEC 043 - Industrial Safety	1		CMG Elective
BCT 089 - Construction Estimating	3	AET 4223	Construction Cost Estimating and Takeoffs
CIS 068 - Computer Applications Topics	2	EGT 1323	Computers for Engineering Tech
	17		

LLC - Summer Term

Course	Hours	EIU Equivalent Course	EIU Course Description
BUS 151 - Financial Accounting	3	BUS 2101	Financial Accounting
Humanities Elective	3		Subject to Approval. Course must be a articulated Gen Ed
	6		

EIU - Fifth Semester

Course	Hours
CMG 1000 - Introduction to Construction	1
Upper Division FA/HUM Elect	3
MAT 2250G - Elementary Statistics	4
AET 3414 - Engineering Project Management	3
BUS 2750 - Legal and Social Environment of Business	3
CMG 3023 - Formwork and Building Process	3
	17

EIU - Sixth Semester

Course	Hours
EGT 2004G - Material Science and Evaluation	4
GEO 1300G - Intro to Earth Science	4
AET 3603 - Mechl Systems in Res and Com Buildings	3
ENG 1002G - Composition II	3
CMG 2013 - Soil, Concrete, and Paving Testing	3
	17

EIU - Summer Term

Course	Hours
ECN 2802G - Principles of Microeconomics	3
BIO 2002G - General Environmental Life Science	3
	6

EIU - Seventh Semester

Course	Hours
OPD 4835 - Supervision in Organizations	3
CMG 4413 - Advanced Construction Safety	3
Upper Division Social Science/Behavioral Elective	3
EIU 4XXXG - Senior Seminar	3
BUS 2710 - Survey of Finance	3
Construction Upper Division Elective	3
	18

EIU - Eighth Semester

Course	Hours
CMG 4023 - Construction Risk Management	3
Upper Division Fine Arts Elective	3
AET 3833 - Sustainable Buildings	3
CMG 4243 - Construction Capstone	3
CMN 2030 - Applied Communication	3
AET 4843 - Statistical Quality and Reliability	3
	18

Total Lake Land Hours = 70

Total EIU Hours = 76

Total Program Hours = 146