

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

From A.A.S. in Civil Engineering Technology/Advanced Technical Studies to EIU Bachelor's of Science in Construction Management

Surveying Focus Lake Land College

LLC - First Semester

Course	LLC Credit Hours	EIU Equivalent	EIU Course Description
MAT 130 - College Algebra	3	Elective	General Elective
CET 060 - Surveying I	3	AET 3213	Prerequisite for AET 3213
CET 054 - Soils and Aggregates	4	CMG 2013	Soil, Concrete, and Paving Testing
CET 051 - Civil Construction I	3	AET 2253	Construction Equipment and Materials
ENG 120 - Composition I	3	ENG 1001G	Composition I

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LLC - Second Semester

Course	LLC Credit Hours	EIU Equivalent	EIU Course Description
MAT 210 - Finite Mathematics	3	EGT 1303	EGT Applications
CET 056 - PC Concrete Theory	2	CMG 2013	Soil, Concrete, and Paving Testing
CET 057 - Asphalt Theory and Design	2	CMG 2013	Soil, Concrete, and Paving Testing
TEC 045 - Introduction to Drafting	2	AET 2043	Computer-aided Engineering Drawing
SPE 111 - Introduction to Speech Communication	3	CMN 1310G	Intro to Speech Communications
CAD 056 - CAD I	2	AET 2043	Computer-aided Engineering Drawing
HED 178 - Responding to Emergencies or SFS - Strategies for Success	2	EGT 2773	Safety for Engineering Technology - Must take CMG 4413 to Articulate

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LLC - Summer Term

Course	Hours	EIU Equivalent	EIU Course Description
Social Science/Behavioral Elective	3	Elective	Subject Approval, ex. ART 165, HIS 155, SOC 280, 282
Fine Arts Elective	3	Elective	Subject Approval, ex. ART 165, HIS 155, SOC 280, 282
BUS 200 - Legal Environment of Business	3	BUS 2750	Legal and Social Environment of Business

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LLC - Third Semester

Course	LLC Credit Hours	EIU Equivalent	EIU Course Description
PHY 130 - College Physics I	4	PHY1151G/52G	Physics
CET 062 - Surveying II	3	AET 3213	Prerequisite for AET 3213
CIS 160 - Practical Software Applications	3	EGT 1323	Computers for Engineering Technology
CET 052 - Civil Construction II	3	AET 3414	EGT Project Management
CET 082 - Civil Drafting	3	AET 2043	Computer-aided Engineering Drawing
MAT 132 - Trigonometry	3	MAT 1330	Trigonometry

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LLC - Fourth Semester

Course	LLC Credit Hours	EIU Equivalent	EIU Course Description
PHY 131 - College Physics II	4	Elective	General Elective
CET 087 - Hydraulics and Drainage	3	Elective	Construction Elective
CET 064 - Surveying III	3	AET 3213	Site Surveying and Planning
CET 081 - CAD for Civil Engineering	3	Elective	Construction Elective
Social Science Elective	6	Hum Elective	Subject Approval, ex. ART 165, HIS 155, SOC 280, 282

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LLC - Summer Term

Course	Hours	EIU Equivalent	EIU Course Description
Surveying IV - Legal Aspects/Metes and Bounds	3	Elective	Construction Elective
ENG 121 - Composition II	3	ENG 1002G	Composition II
MAT 125 - Statistics	3	MAT 2250	Elementary Statistics

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Total LLC Hours 88

Eastern Illinois University

EIU - Fifth Semester

Course	
CMG 1000 - Introduction to Construction	1
AET 2953 - Statics & Strength of Materials	3
GEO 3810 - Intro to Geographic Info Systems	3
BIO 2002G - Environmental Life Sciences	3
BUS 2101 - Financial Accounting	3
ECN 2801G - Principles of Macroeconomics	3
Total	16

EIU - Sixth Semester

Course	
EGT 2004G - Material Science and Evaluation	4
GEO 3800 - Introduction to Cartography	3
CMN 2030 - Applied Communication	3
AET 4843 - Statistical Quality and Reliability	3
AET 3603 - Mechanical Sys in Res & Comm Buildings	3
CMG 2223 - Print Reading and Intro to BIM	3
Total	19

EIU - Seventh Semester

Course	
OPD 4835 - Supervision in Organizations	3
AET 4223 - Construction Cost Estimating and Takeoffs	3
GEO 3865 - Advanced Cartography	3
BUS 2710 - Survey of Finance	3
EIU 4XXXG - Senior Seminar	3
CMG 3023 - Formwork and Building Processes	3
Total	18

EIU - Eighth Semester

Course	
CMG 4023 - Construction Risk Management	3
CMG 4413 - Advanced Construction Safety	3
AET 3833 - Sustainable Buildings	3
CMG 4243 - Construction Capstone	3
GEO 3830 - GIS: Building Geodatabases	3
ECN 2802G -Principles of Microeconomics	3
Total	18
EIU Totals	71
Total Program Hours	159

Program Total to Sit For Land Surveyor Test	Required	Actual
a) Mathematics	15	15
b) Basic Sciences	8	8
c) Additional Basic Sciences	20	24
d) Land Surveying Courses	24	24