

Land Surveying Certificate

Engineering & Information Technologies

2020-2021 Curriculum

Program Prerequisites: Enrolled in or a graduate of a four-year Civil Engineering degree program

This program meets the Ohio State Board of Registration for Professional Engineering and Surveyors requirements for education needed to become eligible for the registration exam for professional surveyors.

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
CET 251	Elements of Land Surveying 1	CET 110	3	2	4
CET-266	Surveying History in Ohio, Kentucky, and Indiana	ASC or LSC admitted student	4	0	4
CET-267	Surveying Laws and Ethics	ASC or LSC admitted student	4	0	4
					12
Semester 2					
CET-252	Elements of Land Surveying 2	CET 251	3	3	4
CET-260	Control Surveying	CET 110	3	3	4
					8
Semester 3					
XXX-XXX	Technical Elective 1		3	0	3
XXX-XXX	Technical Elective 2		3	0	3
					6
Semester 4					
CET-250	Route Location and Design	CET 110	3	2	4
CET-2XX	Surveying Elective		4	0	4
					8
Total					34

Technical Electives:

Students seeking registration in Indiana are required to take: MAT 251 & PHY 152.

Students seeking registration in Ohio or Kentucky choose technical electives based on the following criteria:

Select Civil Engineering Technology (CET) courses or other courses approved by Program Chair

Surveying Elective: CET 277 or CET 287

Students seeking Indiana Registration are **also** required to show 6 semester hours from the following:
 Freshman Chemistry, Astronomy, Geology or Dendrology (Woody Plants) and a requirement for MAT 251
 Calculus I) and PHY 152 (Physics 2). There is also a requirement for subdivision design. This can be completed
 with a course in your BSCE or by taking CET 265, Subdivision Design and Drainage Control, or an equivalent.