

Land Surveying Certificate

Engineering & Information Technologies

2024-2025 Curriculum

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

This program meets the Board of Registration for Professional Engineering and Surveyors education requirements to be eligible for the registration exam for professional surveyors in Ohio, Kentucky, or Indiana.

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
SUR-200	Route Location and Design	SUR 110	3	2	4
SUR-201	Elements of Boundary Surveying 1	SUR 110	3	2	4
					8
Semester 2					
SUR-130	Surveying History		4	0	4
SUR-202	Elements of Boundary Surveying 2	SUR 201	3	3	4
					8
Semester 3					
SUR-230	Control Surveying	SUR 200	3	3	4
SUR-310	Surveying Laws and Ethics	SUR 202	4	0	4
XXX-XXX	Technical Elective 1		3	0	3
XXX-XXX	Technical Elective 2		3	0	3
					14
Semester 4					
SUR-30X	Surveying Elective		4	0	4
					4

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 in consultation with the Program Chair.

Surveying Elective: SUR 300, SUR 305

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 SUR 465, Subdivision Design and Drainage Control, or an equivalent.