

Advanced Surveying Certificate

Engineering & Information Technologies

2023-2024 Curriculum

Program Prerequisites: Graduate from the Cincinnati State Land Survey Technology associate's degree, or complete comparable coursework. Meet with the certificate advisor prior to admission to the program.

Most required courses are offered via online education.

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
SUR-300	Advanced Surveying Calculations and Statistics	SUR 200	4	0	4
SUR-420	Photogrammetry and Remote Sensing	SUR 300 & SUR 305	2	3	3
					7
Semester 2					
SUR-310	Surveying Laws and Ethics	SUR 202	4	0	4
SUR-305	Geospatial Surveying	SUR 230	4	0	4
					8
Semester 3					
XXX-XXX	Science Elective		3	0	3
					3
Total					18

Science Elective: BIO 131, CHE 110, CHE 121 & CHE 131, EVS 120, LH 130, PHY 152, PSC 105

Note: Students seeking Surveyor Registration in Indiana must complete (or have previously completed) these courses: MAT 251 (Calculus 1), and six semester hours from the following areas:

Freshman Chemistry, Astronomy, Geology, or Dendrology (Woody Plants).

Note: 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.