

# Advanced Surveying Certificate

## *Engineering & Information Technologies*

### 2021-2022 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 1).