Associate in Science Degree: Land Surveying

The focus of the Land Surveying program is to provide the student with a thorough background in land surveying and mapping in addition to an introduction to the collecting, manipulating, formatting and mapping of geospatial data. A student who successfully completes the program will have the technical expertise necessary for an entry level position in the field of Land Surveying or related fields of geographic information systems specialists, architectural services, and engineering services. Land Surveyors typically measure and record property boundaries and the topography of the land covered by construction and engineering projects. Surveys are used to establish legal boundaries to prepare maps and exhibits, and write descriptions of land tracts that satisfy legal requirements. The program also assists students in preparing for the State Land Surveyor–In-Training and Land Surveyor's Exams.

Degree and Certificate Student Learning Outcome:

Students will be able to demonstrate proficiency in the core skills and knowledge required for employment in land surveying.

Program Requirements:

Units Required: 34 - 35

		Units:
SURV-101A	Introduction to Land Surveying	3.0
SURV-101L	Introduction to Land Surveying Laboratory	1.0
SURV-102A	Advanced Land Surveying	3.0
SURV-102L	Advanced Land Surveying Laboratory	1.0
SURV-103	Advanced Applications in Surveying I	3.0
SURV-104	Advanced Applications in Surveying II	3.0
SURV-107A	Construction Surveying	3.0
SURV-107L	Construction Surveying Laboratory	1.0
SURV-110	Computer Aided Drafting for Surveyors	3.0
SURV-260	Boundary Control and Legal Principles I	3.0
SURV-265	Boundary Control and Legal Principles II	3.0
GIS-101	Introduction to Geographic Information Systems	3.0
MATH-102	Trigonometry	4.0
OR		
MATH-102X	Trigonometry with Support	5.0