

Geospatial Technology

Associate in Applied Science Degree

This program is for persons entering the diverse field of geospatial technology.

Geographic Information Systems (GIS) is a powerful computer mapping application that involves storing, editing, analyzing and viewing geospatial data. Geospatial technology is used in various industries, including transportation, environmental studies, utilities planning, asset management, surveying, urban planning and management, epidemiology and health care, engineering, marketing, fleet dispatching and homeland security. Geospatial technology incorporates remote sensing, global positioning systems and GIS

- Emphasis is on field and laboratory experience in addition to theory including topics using ArcGIS Global Positioning Systems, Remote Sensing, and database development.

Total Credit Hours: 64

First Semester

CF100 College Foundations Seminar	1.0
EN101 English 1: Composition	3.0
CT151 Surveying 1	4.0
CT265 Introduction to GIS	3.0
IS101 Computers and Society	3.0
Physical Education Elective	0.5
MA125 College Algebra & Trig	4.0

Second Semester

EN102 English 2: Idea & Values Lit	3.0
CT263 Digital Mapping	3.0
GE101 Essen of World Geography	3.0
IS200 Spreadshet Concppts & Apps	3.0
Physical Education Elective	0.5
MA150 Precalculus	4.0

Third Semester

CT253 Gbl Pstng and High Order Cntr	4.0
CT267 Advanced GIS	3.0
IS210 Database Design & Mngmnt	3.0
CT102 Eng Drawng and Microstatn CAD	3.0
MT140 Draft & Design Using AutoCAD	3.0
Physical Education Elective	0.5

Fourth Semester

CT232 Environmental Engineering	3.0
CT266 Capstone GIS	3.0
GL101 Physical Geology	4.0
IS220 Visual Basic w/ Bus Appls	3.0
Physical Education Elective	0.5