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 techology is used in various industries, including transportation, environmental studies, utilities planning, asset management, surveying, urban planning and management, epidemiology an dhealth care, engineering, marketing, fleet dispatching and homeland security. Geospatial technology incorporates remote sensing, global postioning 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
MA121 Fund Coll Math 1	4.0
Physical Education Elective	0.5

Second Semester

EN102 English 2:Idea&Values Lit	3.0
CT263 Digital Mapping	3.0
GE101 Essen of World Geography	3.0
IS200 Spreadsht Concpts & Apps	3.0
MA110 Elementary Statistics	3.0
Physical Education Elective	0.5

Third Semester

CT253 Glbl 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