PROGRAM FACT SHEET

**GEOMATICS TECHNOLOGY (SURVEYING) A40420**

A course of study that prepares students to use mathematical and scientific principles for the delineation, determination, planning and positioning of land tracts, boundaries, contours and features applying principles of route surveying, construction surveying, photogrammetry, mapping, global positioning systems, geographical information systems, and other kinds of property description and measurement to create related maps, charts and reports. Includes instruction in applied geodesy, computer graphics, photointerpretation, plane and geodetic surveying, mensuration, traversing, survey equipment operation and maintenance, instrument calibration, and basic cartography.

Graduates should qualify for jobs as survey party chief, instrument person, surveying technician, highway surveyor, mapper, GPS technician, and CAD operator. Graduates will be prepared to pursue the requirements necessary to become a Registered Land Surveyor in North Carolina.

**Awards**

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| **Associate Degree:** Geomatics Technology (A40420) | Length of Program: 5 Semesters **Prerequisite:** High School Diploma, Placement Test Equivalent |
| **Diploma:** Not Applicable | Length of Program: **Prerequisite:** |
| **Certificate:** Not Applicable | **Length of Program:**  **Prerequisite:** |

**Work-Based Learning Requirements/Opportunities:** For Work-Based Learning requirements/opportunities please see the appropriate Program Sequencing sheet.

**License or Certification Information:** None Required

**Program Information Contact:**

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| Curriculum Chairperson: Cathy Christianson  Telephone Number: (910) 678-8249  Office Location: Advanced Technology Center, Room 244D  Email: [christic@faytechcc.edu](mailto:christic@faytechcc.edu) | Department Office: Cumberland Hall, Room 334  Telephone: (910) 678-8357  FTCC Web Site: [FTCC Website](http://www.faytechcc.edu/) |

**Application Deadlines:** The program is designed for a student to enter during the fall semester. A student may enter at other times with approval of the Department Chairperson.

**Scholarship/Title IV Financial Aid/VA Services:** Scholarships/Title IV Financial Aid/Veteran's assistance may be available for associate degrees. Certificates and diplomas that fall under this program/area of study **may or may not be eligible** for Scholarship/Title IV Financial Aid/VA Services. Please contact the Financial Aid Office, Student Center, Room 2; Telephone (910) 678-8242. Veterans Services, General Classroom Building, Room 202, (910) 678-8580.

**Child Care Financial Assistance Information:**

Telephone: (910) 678-8486

Revised: 03/26/24