BUILD YOUR FOUNDATION FOR A SUCCESSFUL STEM CAREER AT TCC.

Your courses will provide practical knowledge and expertise in civil drafting, civil materials, building fundamentals, surveying, soils, and fluid mechanics.

You can also take practical electives in drafting, environmental engineering, concrete, construction, surveying, and geographic information systems.

PROGRAMS

ASSOCIATE OF APPLIED SCIENCE IN CIVIL ENGINEERING TECHNOLOGY
Complete in as few as 4 semesters / 63-64 credits

Learn the fundamentals of engineering technology; surveying; construction materials and testing; computer-aided drafting and design; and soil and fluid mechanics. Graduates can pursue a bachelor’s degree in civil engineering technology at Old Dominion University or an online bachelor’s in mapping and surveying at East Tennessee State University.

CAREER STUDIES CERTIFICATES

Focus your professional competency in a single subject with a career studies certificate. All credits from these certificates can be applied towards the civil engineering technology degree.

CAREER STUDIES CERTIFICATE IN CONSTRUCTION PROJECT MANAGEMENT
Complete in as few as 2 semesters / 24-25 credits
Areas of study include building codes, construction fundamentals, construction project management, scheduling, estimating, and OSHA 30 construction safety. You’ll gain the skills necessary to oversee both residential and commercial construction.

CAREER STUDIES CERTIFICATE IN LAND SURVEYING
Complete in as few as 2 semesters / 26 credits / 100% online
This comprehensive program is available entirely online and covers topics including fundamental and advanced surveying theory and application, GPS surveying, geographic information systems, and surveying law. This is an approved apprentice program recognized by the commonwealth’s Department of Professional and Occupation Regulation. Graduates are prepared to take the Virginia Fundamentals of Surveying Examination.

POSSIBLE CAREER PATHS

As a graduate of one of these programs you can head directly into the workforce and find employment as a:

- Civil engineering technician
- Civil draftsman
- Geographic information systems technician
- Construction inspector
- Land surveyor
- Construction project manager

IS THIS PROGRAM FOR YOU?

Yes, if you:
- have an aptitude for science and technology
- demonstrate strong problem-solving skills
- work well in teams

PROGRAM AVAILABILITY

- Virginia Beach
- Online

Tidewater Community College does not discriminate on the basis of race, sex, color, national origin, religion, sexual orientation, gender identity, age, veteran status, political affiliation, genetics, or disability in its programs or activities. Inquiries related to the college’s nondiscrimination policies may be directed to the Associate Vice President of Human Resources, 121 College Place, Norfolk VA 23510, 757-822-1708. Gainful employment consumer information is available at tcc.edu/gainfulemployment.