

Engineering Technology: Civil Engineering Technology

Associate of Applied Science Degree

Program Overview:

The Civil Engineering Technology Concentration gives students the knowledge, methods, and skills to work as engineering technicians in support of civil engineering activities such as design of structural steel and reinforced concrete, monitoring construction, maintaining material quality used in construction, surveying and mapping, construction estimating and assisting in the design of hydraulics structures.

How Much Can I Earn?

\$24,640-\$53,640

*wages and salary data provided by the Bureau of Labor Statistics, Tennessee Department of Labor

What Will I Do On The Job?

As a civil engineering technician, you may work with engineers to plan, design, and construct environmental protection facilities, water and waste water treatment plants, air pollution control systems, solid and hazardous waste disposal systems, structures, buildings, bridges, dams, transportation systems, highways, rapid transit facilities, airport and coastal improvements, land development projects, residential and commercial complexes, storm water control facilities, and utilities. You may be on call for a variety of assignments assisting in the administration and management of engineering and construction projects.

What Skills Will I Use On The Job?

You will use math science and engineering skills to work on a variety of projects in a wide range of fields. You will most likely have less responsibility than an engineer and your work will be more hands-on. You will need to tell others how to build and fix things, so good communication skills are a must.

Possible Job Titles:

Civil Engineering Technician, Construction Estimator, Construction Inspector, Land Surveyor, Hydraulics Technician, Structural Design Technician, Construction Materials Lab Technician.

Who Will Hire Me?

Consulting engineering firms, government agencies, construction companies, manufacturing organizations, educational institutions or sales organizations.

Chattanooga State Graduates work with such organizations as: Norfolk Southern Railway, City of Chattanooga, CJ Enterprises, Coast 2 Coast Surveys, Bechtel.

Need More Information?

www.bls.gov ▪ tcids.tbr.edu/index.html

Career Services & Counseling Center

Student Center Room 137 ▪ 423-697-4421