

Engineering Technology: Construction Engineering Technology

Associate of Applied Science Degree

Program Overview:

The Construction Engineering Technology Concentration provides the basic technical theory, principals, and practices to enable the graduate to work in the construction industry. Opportunities may be available with testing firms, materials suppliers, specialty contractors, construction safety, subcontractors, homebuilders, general contractors, land surveyors, and inspection service bureaus. The program is intended for a student planning on immediate employment as an engineering technician.

How Much Can I Earn?

\$26,220-\$48,848

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

What Will I Do On The Job?

In the field of construction you will need to use math skills to solve engineering problems, read and understand blueprints, manage people and teams by coordinating the work of architects, general contractors, subcontractors, and construction workers, check on construction progress and quality throughout a project, use computers to estimate costs and create schedules, prepare contracts and bids, keep projects under budget, hire and supervise workers, apply for permits and licenses, and make sure projects meet building and safety codes.

What Skills Will I Use On The Job?

You will use math and engineering skills to work on a variety of projects in a wide range of fields. It helps to be attentive to detail, flexible, and creative. Since you'll be working with many people, from property developers to construction laborers, you'll also need to be skilled at communicating.

Possible Job Titles:

Construction – Estimator, Materials Tester, Inspector, Supervisor, Contractor, Surveyor Project Planner

Who Will Hire Me?

Testing firms, materials suppliers, specialty contractors, construction safety, subcontractors, homebuilders, general contractors, land surveyors and inspection service bureaus. Chattanooga State graduates work in such organizations as Mayse Construction, Dillard Smith Construction, EMJ Corporation.

Need More Information?

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

Career Services & Counseling Center

Student Center Room 137 ▪ 423-697-4421