

Engineering Technology

Overview

TTC's Division of Industrial and Engineering Technology offers a wide array of associate degrees and certificates designed to provide excellent career opportunities in the highly technical and rapidly expanding area of engineering technology.

Courses offered within the department of Engineering Technology are designed to develop critical thinking and broad technical knowledge. The engineering technology principles learned are applied to practical engineering problems. Classroom study is related to shop, laboratory and field experience.

The associate degree programs require two years of study. The certificate programs require two to four semesters of study and are offered when sufficient interest is generated to support class-size groups. All have requirements for admission. Students interested in any of these programs should call the Department of Engineering Technology at 843.574.6156 for additional information on programs, scheduling and admission requirements. Any of the programs may be completed on a part-time basis, though it will require a longer period of time to do so.

General Information

As with all TTC programs, students interested in Engineering Technology programs should consult with a faculty advisor to discuss program requirements, class times and frequency of offerings. For more information, call 843.574.6156.

Cancellation Policy

TTC reserves the right to cancel courses due to inadequate enrollment.

Programs of Study

Associate Degree Programs

- Civil Engineering Technology
- Electronics Engineering Technology
- General Technology
- Engineering Design Graphics
- Mechanical Engineering Technology

Certificate Programs

- Architectural Drafting
- Basic Electronic Journeyman I
- Chemical Engineering Transfer (USC)
- Civil Drafting
- Civil Engineering Transfer (The Citadel)
- Civil/Mechanical Engineering Transfer (USC)
- Computer Aided Design I
- Computer Aided Design II
- Construction Management
- Electrical Drafting
- Electrical Engineering Transfer (The Citadel)
- Electrical Engineering Transfer (USC)
- Engineering Design Graphics
- Mechanical Drafting
- Mechanical Engineering Transfer (The Citadel)
- Surveying

Transfer Programs

- Transfer Engineering Programs
 - The Citadel
 - University of South Carolina
 - Clemson University

Civil Engineering Technology

Associate in Applied Science

Credit Requirements: 63-67 Semester

Credit Hours

Day

The Civil Engineering Technology program prepares students to perform at the technician level in engineering design, drafting, surveying and construction. Employers of Civil Engineering Technology graduates include engineering consultants, surveying firms, state and federal governments, public works, construction companies, highway departments and soil- and materials-testing firms. Graduates typically obtain jobs as building inspectors, construction superintendent trainees and soil- and concrete-testing technicians, and under the supervision of engineers. They aid engineers in the design of steel and concrete structures, highways, storm drainage, land development, sewage and water supply systems. They also obtain jobs as members of survey teams or in computer-aided drafting and design.

