

Is Engineering Technology a Good Fit For You?

If you have a passion for problem solving, have always been curious about how and why things work, or enjoy “tinkering around,” you should consider a career in engineering technology.

Beyond the Classroom: Employment Opportunities For Engineers

Electro-Mechanical Engineering Technicians install, troubleshoot, repair, and upgrade electronic and computer-controlled mechanical, manufacturing and production systems.
Median pay: \$49,550 per year

Mechanical Engineering Technicians design, develop, test, manufacture, and repair industrial machinery, parts and equipment.
Median pay: \$50,110 per year

Environmental Engineering Technicians test, operate, and, if necessary, modify equipment for preventing or cleaning up environmental pollution.
Median pay: \$43,390 per year

Nanotechnologists use special instruments and techniques to assist in researching, developing, and producing products and processes, and ensure quality control.
Median pay: \$42,040 per year

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As set forth in its student catalog, Athens Technical College does not discriminate based on race, color, creed, national or ethnic origin, gender, religion, disability, age, political affiliation or belief, veteran status, or citizenship status (except in those special circumstances permitted or mandated by law). Address inquiries to the following persons at 800 U.S. Highway 29 North, Athens, GA 30601-1500:

- Title VI, Title VII, and Title IX Coordinator: Director of Human Resources, Room K514, (706) 583-2818
- Section 504 and ADA Coordinator: Director of Student Support Services and Career Development, Room H748, Athens Campus, (706) 355-5081

Contact Information:

☎ (706) 583-2715

✉ engtech@athenstech.edu

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<http://www.facebook.com/ATCEngineeringTechnology>



GET YOUR CAREER STARTED IN
**ENGINEERING
TECHNOLOGY**



A Unit of the Technical College System of Georgia
800 U.S. Highway 29 North
Athens, GA 30601-1500
(706) 355-5000
www.athenstech.edu



AN ACHIEVING THE DREAM COLLEGE

Technical Certificate of Credit (TCC): Engineering Technology Basics

The Engineering Technology Basics certificate program provides training in core engineering techniques. These techniques include complex mathematical calculations, problem solving, drafting and design.

Technical Certificate (16 credits)

Course Title	Credits
ENGL 1101 - Composition and Rhetoric	3
ENGT 1000 - Introduction to Engineering Technology	3
MATH 1111 - College Algebra	3
MATH 1113 - Precalculus	3
DFTG 1101 - CAD Fundamentals	4
-or-	
DFTG 2010 - Engineering Graphics	4

Engineering Options (4 credits)

Students must select one of the following options:

Course Title	Credits
BIOL 1111 - Biology I	3
BIOL 1111L - Biology I Lab	1
- or -	
CHEM 1211 - Chemistry I	3
CHEM 1211L - Chemistry I Lab	1
- or -	
ECET 1101 - Circuit Analysis	4
- or -	
GIFS 1101 - Introduction to Geographic Information Systems	4
- or -	
PHYS 1111 - Introductory Physics I	3
PHYS 1111L - Introductory Physics I Lab	1

Occupational Trends

Engineering technicians are employed in manufacturing plants, repair facilities, and other industrial facilities. They are also employed in county, state, and federal agencies. Postsecondary education is essential in the field of engineering technology, and there is a constant demand for engineering technicians in industrial and manufacturing companies. Overall employment of engineering technicians is expected to grow by 5 percent between 2008 and 2018.



SOURCE: Georgia Labor Market Explorer - Career Services - Occupational Profile on the Internet at <http://explorer.dol.state.ga.us/>

Education

Although it may be possible to qualify for certain engineering technician jobs without formal training, most employers prefer to hire someone with a 2-year associate degree or other postsecondary training in engineering technology. Workers with less formal engineering technology training need more time to learn skills while on the job.

General Information: Academic Advising

Academic advisors help you identify what you want to do and help you reach your goals. To schedule an appointment, please contact the Academic Achievement Coach Coordinator via phone: (706) 357-1202 or email: aac@athenstech.edu.

Admissions Requirements

Step 1: Complete and submit an Application for Admission and pay a \$20 non-refundable application fee.

Step 2: Provide appropriate placement test scores (COMPASS, ASSET, SAT, or ACT).

Step 3: Submit ALL official transcripts for high school or GED, as well as all colleges attended.

Step 4: Provide proof of legal presence in the United States (state issued ID, passport, etc.) and state residency (Georgia driver's license, voter registration card, state taxes, etc. all showing at least 12 months of residency).

Step 5: Contact the Engineering Technology program chair at (706) 583-2715.

Financial Aid

Athens Technical College offers several types of financial assistance to help qualified applicants pay for their education. Funds are available through the Federal Pell Grant, the Federal Supplemental Educational Opportunity Grant, Federal Work-Study, and the Georgia HOPE programs.

Students may also receive assistance through the Workforce Investment Act operated by the Georgia Department of Labor or the Veterans Educational Assistance Program administered by the Department of Veteran's Affairs.

