

Is Electromechanical and Manufacturing Engineering Technology a Good Fit for You?

Do you enjoy designing, developing, testing, and programming industrial instrumentation and devices? Do you want to work in a dynamic environment that includes robotics, motion control, process control, systems engineering, networking, and motor control? Then this program is for you. Electromechanical and manufacturing engineering technicians design and develop control systems for manufacturing and process industries.

Beyond the Classroom: Employment Opportunities for Electromechanical and Manufacturing Engineering Technicians

Electromechanical Engineering Technicians combine knowledge of mechanical technology with knowledge of electrical and electronic circuits. They install, troubleshoot, repair, and upgrade electronic and computer-controlled mechanical systems such as robotic assembly machines.

Median pay: \$51,820 per year

Manufacturing Engineering Technicians help industrial engineers implement designs to effectively use personnel, materials, and machines in factories, stores, healthcare organizations, repair shops, and offices. They prepare machinery and equipment layouts, plan workflows, conduct statistical production studies, and analyze production costs.

Median pay: \$50,980 per year

Bureau of Labor Statistics, U.S. Department of Labor, *Occupational Outlook Handbook, 2014-15 Edition*, Electro-mechanical Technicians, on the Internet at <http://www.bls.gov/ooi/architecture-and-engineering/electro-mechanical-technicians.htm>

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As set forth in its student catalog, Athens Technical College does not discriminate on the basis of race, color, creed, national or ethnic origin, gender, religion, disability, age, political affiliation or belief, genetic information, veteran status, or citizenship status (except in those special circumstances permitted or mandated by law).

The following individuals have been designated to coordinate the college's implementation of non-discrimination policies:

- Title VI, Title VII, and Title IX (Employees) – Director of Human Resources, (706) 583-2818, Room K-514.
- Title IX (Students) – Vice President for Student Affairs, (706) 355-5124, Room H-774.
- Section 504 and the Americans with Disabilities Act (ADA) – Director of Student Support Services and Career Development, (706) 355-5081, Room K-614A.

Inquiries concerning non-discrimination policies may be addressed to the persons listed above: Athens Technical College, 800 U.S. Hwy. 29 North, Athens, GA 30601.

Contact Information:

 (706) 583-2715

 engtech@athenstech.edu

Stay Connected:



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GET YOUR CAREER STARTED IN

ELECTROMECHANICAL AND MANUFACTURING ENGINEERING TECHNOLOGY



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Electromechanical and Manufacturing Engineering Technology at ATC

Students in the Engineering Science Technology program have the opportunity to earn an associate degree with a specialization in Electromechanical and Manufacturing Engineering Technology. **The major prepares students for careers as engineering technicians in industrial and academic organizations through classroom instruction, hands-on training, and industry interaction.**

The Education: Hands-on Training that Meets Employment Trends



Designed to promote critical thinking, courses provide hands-on training using industry-standard equipment and software. This approach develops a foundation of skills that are

applicable to a range of employment opportunities in the electromechanical engineering industry, equipping students for a dynamic and evolving job market.

Students may engage in problem-solving activities in which they build their own robotic devices, motion controls, and designs for automation systems. Electromechanical and Manufacturing Engineering Technology may include supporting courses in college algebra, calculus and technical communications.

See online catalog at athenstech.edu for more information.

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Careers in Electromechanical and Manufacturing Engineering Technology

Electromechanical and manufacturing engineering technicians bring the principles of electrical and mechanical engineering to the workplace. From space satellites to computer monitors, engineering technicians build machines that use both electrical and manufacturing technologies.

Technicians work in a variety of areas, including:

- Automation
- Manufacturing
- Robotics
- Design
- Product Development
- Maintenance
- Production

Employment of electromechanical technicians is projected to grow within the next decade. There will be more opportunities for those who are trained in new software and technology and who can translate design information into the necessary tools, procedures, operation sequences and controls to coordinate manufacturing in the field of Electromechanical and Manufacturing Engineering.



Important Contacts:

Engineering Technology	(706) 583-2715
Admissions	(706) 355-5007
Financial Aid	(706) 355-5009

Admissions Requirements

- Step 1: Complete and submit an Application for Admission and pay a 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 (e.g. state issued ID, passport) and state residency (e.g. Georgia driver's license, voter registration card, state taxes) all showing at least 12 months of residency.
- Step 5: Review the application process for Engineering Science Technology in the Athens Technical College Catalog.

Academic Advising

Advisors help you identify your goals and how to reach your goals. To schedule an appointment, email: aac@athenstech.edu.

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.