⚛ ELECTRONICS ENGINEERING TECHNOLOGY

Electronic technology is intricately-woven into many sectors of industry which effects our daily lives. Every year, new and exciting communications in wired, wireless, and satellite services impact devices and machines which change the way people live, work, and play. It's a dynamic environment that requires professionals to sustain its progress. Wired phone and Cable TV, cellular, Broadband, mobile internet and satellite tv are all impacted by electronic engineering technology. The investment in automated manufacturing also is changing the demands for a skilled workforce. Increasing demand for these services creates the need for technicians with skills to assist these growing sectors of the world economy.

Engineering technologists play a critical role, serving as a nexus between engineers and technicians. From conception to design, development, testing, and production, they are essential to the production process.

If you're a critical thinker who enjoys putting things together and integrating multiple systems, then a degree in Electronics Engineering could be the beginning of your new career. ECPI University's Electronics Engineering Technology degree is a skills-based degree with hands on labs, simulations, and faculty with industry experience. Through ECPI University's year-round schedule, you can earn a Bachelor of Science Degree in Electronics Engineering Technology with a concentration in Electronics Engineering Technology in just 2.5 years.

1 YEAR	1.5	2 YEARS	2.5	3 YEARS
	ASSOCIATE DEGREE		BACHELOR'S DEGREE	
	ELECTRONICS ENGINEERING TECHNOLOGY		ELECTRONICS ENGINEERING TECHNOLOGY	

Outcomes

Upon completion of the Bachelor of Science in Electronics Engineering Technology, graduates will have:

‣ An ability to select and apply the knowledge, techniques, skills, and modern tools of the discipline to broadly-defined engineering technology activities.

‣ An ability to select and apply a knowledge of mathematics, science, engineering and technology to engineering technology problems that require the application of principles and applied procedures or methodologies.

‣ An ability to conduct standard tests and measurements; to conduct, analyze, and interpret experiments; and to apply experimental results to improve processes.

‣ An ability to design systems, components, or processes for broadly-defined engineering technology problems appropriate to program educational objectives.

‣ A commitment to quality, timeliness, and continuous improvement.

‣ An ability to function effectively as a member or leader on a technical team

‣ An ability to identify, analyze, and solve broadly defined engineering technology problems.

‣ An ability to apply written, oral, and graphical communication in both technical and non-technical environments; and an ability to identify and use appropriate technical literature.

‣ An understanding of the need for an ability to engage in self-directed continuing professional development.

‣ An understanding of and a commitment to address professional and ethical responsibilities including a respect for diversity.

‣ A knowledge of the impact of engineering technology solutions in a societal and global context.

Possible Career Track

‣ Electrical/Computer Engineering Technologist
‣ Industrial Engineering Technologist

‣ Product Engineer Technologist
‣ Project Manager