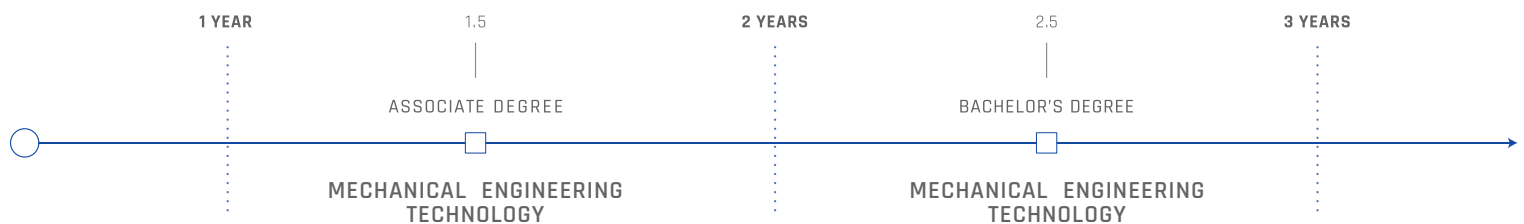




# MECHANICAL ENGINEERING TECHNOLOGY

If you want a hands-on career in design, testing, manufacturing, or operations, then the Mechanical Engineering Technology field may be just what you've been looking for. Here's the best part: there are jobs that are waiting to be filled right now. That's because modern manufacturing is staging a major comeback, thanks to robotics and advanced electronics. However, many employers cannot find the highly-skilled workers they needed to work with such advanced equipment. According to the Manufacturing Institute, 67% of respondents in a recent survey reported moderate to severe shortages of qualified workers, and 56% expect those shortages to grow worse in the next three to five years.\* Now if you're thinking that manufacturing is a dirty, grimy job, think again. Today's plants and facilities look more like science labs!

If this sounds like something you'd be interested in, right now could be the perfect time to earn a degree in Mechanical Engineering Technology at ECPI University! In just 2.5 years, you can earn a Bachelor of Science in Mechanical Engineering Technology through our year-round schedule.



## Outcomes

ECPI University's Mechanical Engineering Technology program focuses on problem solving and real-world application of applied engineering science and technology.

### The Curriculum Focuses on core areas such as:

- ▶ Mechanical design and analysis
- ▶ Material science and manufacturing processes
- ▶ Thermal-fluid-energy sciences
- ▶ Computer aided engineering graphics and analysis
- ▶ Electro-mechanical devices
- ▶ Instrumentation and controls

**Mechanical engineering technologists are real problem solvers with responsibilities ranging from those of a support technician to plant manager.**

**Our program can prepare you for entry level employment in various public and private industries in positions such as:**

- ▶ Mechanical Engineering Technology
- ▶ Mechanical Product Design & Fabrication
- ▶ CAD & Computer Graphics
- ▶ Automation & Manufacturing
- ▶ Machining & Mechanical Maintenance
- ▶ Power Generation & Plant Management
- ▶ Climate Control: Heating, Ventilation, & Air Conditioning
- ▶ Transportation: Vehicles & Infrastructure
- ▶ Aerospace & Aerodynamics Industry
- ▶ Systems Control

## Possible Career Track

**Job titles for these positions include:**

- ▶ Mechanical Engineering Technology
- ▶ Mechanical Product Design & Fabrication
- ▶ CAD & Computer Graphics
- ▶ Automation & Manufacturing
- ▶ Machining & Mechanical Maintenance
- ▶ Power Generation & Plant Management
- ▶ Climate Control: Heating, Ventilation, and Air Conditioning
- ▶ Transportation: Vehicles & Infrastructure
- ▶ Aerospace & Aerodynamics Industry
- ▶ Systems Control

**Mechanical Engineering Technology graduates are employed in a wide spectrum of positions such as:**

- ▶ Mechanical Engineering Consultant
- ▶ Product and Materials Testing Technologist
- ▶ Drafting and Computer Graphics Engineer
- ▶ Manufacturing and Quality Management Engineer
- ▶ Industrial Engineer
- ▶ Product Engineer
- ▶ Plant Maintenance and Production Manager
- ▶ Transportation Engineer
- ▶ Power and Energy Engineer