# Engineering Technology
@ Memphis

Our Engineering Technology program's primary focus is the application of engineering theory, whereas our engineering programs are more focused on the development of engineering theory. All are built on a base of mathematics and science, but the engineering technology program takes a more applications-based approach to learning rather than a theoretical approach.
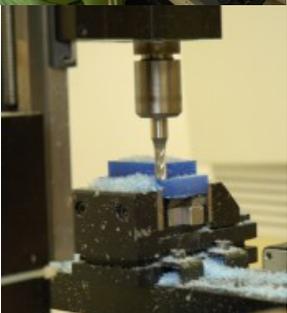
Some features of our Engineering Technology program include:

- Fewer math courses are required
- Technical courses occur earlier in the curriculum, since less math is needed to apply engineering principles than is needed to derive them
- More time is spent in actual laboratory learning
- Students become proficient with the use of equipment that is used in industry
- Lectures often look at actual real-world applications of the principles being discussed
- Data sheets and manufacturer's literature are used to provide experience with real-world devices, materials, and vendors
- All of our faculty have industrial experience relevant to the areas in which they teach
- A full night rotation of courses so that the degree can be completed in the evenings by students who work during the day
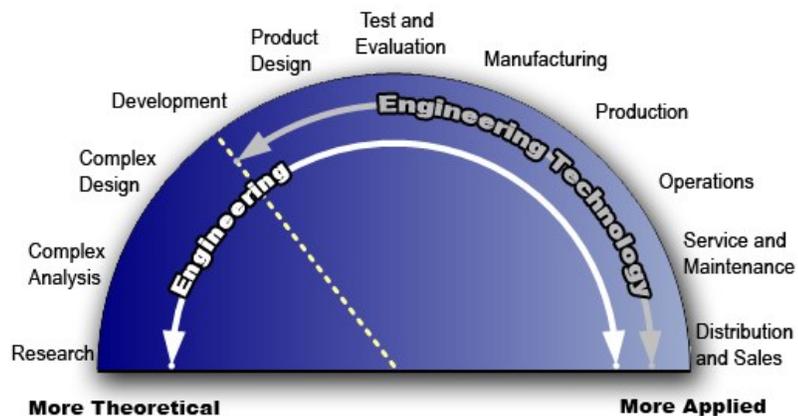
The Engineering Career Spectrum

Engineering Technology graduates typically occupy careers in industry that tend to be more on the applied side of engineering.

THE UNIVERSITY OF
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Herff College of Engineering

Job Titles of Engineering Technology Graduates

Electronics Engineer	Radio Frequency Engineer	Manufacturing Engineer
Account Sales Engineer	Controls Engineer	Information Technology Director
Software Engineer	Operations Project Manager	Simulation Engineer
Director of Quality & ReliabilityEngineering	Senior Database Administrator	Engineering Quality Manager
Engineering Project Manager	Facility Engineer	Associate Engineer

Employers of Engineering Technology Graduates

Carrier Corp.	Smith & Nephew	Wright Medical Technology
Medtronic	FedEx	International Paper
AutoZone	ThyssenKrupp Elevator	Tennessee Valley Authority
Raytheon	Northrop Grumman	Parker Hannifin
Baptist Memorial Healthcare	Memphis Light, Gas & Water	Goodyear Tire & Rubber

The majority of respondents to Engineering Technology alumni surveys reported starting salaries in the $45,000 to $55,000 range. Starting salary offers are dependent on many factors including grades and work experience.

Fields of Study Include:
- Automation & Control Systems
- Electronic Communication Systems
- Mechanical Systems Design
- Microprocessor Systems
- Operations Strategy & Lean Principles
- Product Realization
- Software Design
- Systems / Network Administration

For more information, please visit us on the Web at
http://www.et.memphis.edu
Phone (901)678-2225

Engineering Technology Students Participate In: