college of
GRADUATE STUDIES

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ELECTRICAL AND COMPUTER ENGINEERING

You can earn your master of science degree in electrical and computer engineering from a distinctive research university surrounded by people inspired to research, design, build and test innovative solutions that power our lives and carry information around the world. We'll work as hard as you do for your professional and personal goals.

Electrical and Computer Engineering at Tennessee Tech

TTU's master's in electrical and computer engineering program offers unique, top-notch coursework and research opportunities designed to prepare graduate students for meaningful, proactive professional careers.

Our students work in laboratories designed for hands-on research and discovery. You'll learn how to research, design, and test safe, economical products, processes and systems that enhance the quality of life like robots, intelligent systems, clean energy and sensor networks.

Graduates may work professionally within a variety of industries including computer, energy, factory automation, telecommunications and government laboratories, or seek their Ph.D.

Research Areas

The electrical and computer engineering department is organized into several areas related to technical and research specialties. These include:

- Computer engineering
- Communications and signal processing
- Devices and electromagnetics
- Digital systems
- Power
- Robotics, automation and controls
- Mechatronics

Faculty

The College of Engineering's distinguished faculty members come from around the world and represent various areas of research interests, opportunities and knowledge. A listing of departmental faculty is available at www.tntech.edu/engineering/departments/ece/faculty-staff.

Graduate Assistantships

A limited number of teaching assistantship positions may be available. Both include paid tuition and fees, along with a monthly stipend in return for work teaching undergraduates. Responsibilities include, but are not limited to, assisting faculty with grading, teaching labs and providing help sessions for students.

A limited number of research assistantships may be available, contingent upon funding. Research assistants are expected to conduct specific research as directed by the funding grant and supervising faculty members.

How to Get Started

Individuals interested in the master's degree in electrical and computer engineering can obtain additional information at the program's website or by emailing ece@tntech.edu.

For more information, visit www.tntech.edu/engineering