



UNIVERSITY OF NORTH TEXAS® Electrical Engineering

Top 5 Things to Know about Us

1. Our 14+ active faculty advisors are nationally recognized and hold fellowships in many professional organizations.
2. Our students work on NSF, NASA, and industrial-sponsored projects in the areas of communication and signal processing, RF and circuit designs, and control and system.
3. We welcome applicants with degrees in electrical-related fields like physics, math, and other engineering fields.
4. Our students will learn how to learn and thereby attain the ability to pursue life-long learning and continued professional development.
5. Our graduates are employed in various sectors such as high-tech, energy, defense, finance, transportation, and government.



#2

in Texas in electrical engineering employment.

5:1

Student to faculty ratio

UNT is a **Tier One** research university located in Denton, TX.



Faculty Spotlight

Dr. Miguel Acevedo is the Regent Professor at the Department of Electrical Engineering. His major research interests are integrating environmental modeling, real-time monitoring, and renewable power systems for applications to sustainability. His current focus is on the food-energy-water nexus, particularly sustainable brackish water desalination systems.

UNT®

COLLEGE OF
ENGINEERING
Department of
Electrical
Engineering

Our Programs

The University of North Texas' Department of Electrical Engineering offers course work leading to:

- Master of Science in Electrical Engineering, requiring 30 hours. Both thesis and non-thesis options are available.
- Doctor of Philosophy in Electrical Engineering, requiring 42 hours beyond MS and 72 hours beyond BS.

Admission

Our graduate programs are open to high-achieving students from Electrical Engineering backgrounds. Successful applicants to these programs should:

- Apply through www.applytexas.org.
- Submit transcripts demonstrating a GPA of at least 3.0 on undergraduate Electrical Engineering coursework and 3.4 GPA in any graduate coursework.
- Submit competitive GRE scores. Successful applicants typically score 160+ on the Quantitative section and 140+ on the Verbal section. GRE may be waived for UNT EE bachelor's alumni who graduated with a 3.0 or higher and apply within 3 years of completing the bachelor's degree.
- Submit proof of English language proficiency (international students only). Acceptable scores are 79 on TOEFL and 6.0 on IELTS.
- Applicants to the PhD program should submit three letters of recommendation and a statement of purpose.
- Take appropriate leveling courses if they have degrees outside of Electrical Engineering.

Visit ee.unt.edu/graduate to learn more.

Funding Opportunities

Teaching and research assistantships provide support for many graduate students. In addition to a monthly stipend, assistantships also qualify students for in-state tuition rates, and many students receive tuition and fee support.

The Department of Electrical Engineering also offers scholarships to qualified students throughout the year.

Apply and learn more at ee.unt.edu/graduate.



Research Opportunities

Faculty members and students in the Department of Electrical Engineering work together to conduct research across many areas in the field of electrical engineering as well as related fields such as computer science and engineering. Our research areas are listed below.

Our research areas are listed below. For more information about our research labs, visit electrical.engineering.unt.edu/research.

- Artificial intelligence and machine learning
- Autonomous systems, UAV and UAV networks
- Control theory and applications
- Digital and wireless communication systems
- Electromagnetics and optics
- Embedded sensor systems and sensor networks
- Environmental and ecological engineering
- Information theory, information security and privacy
- Nano-micro electronics, materials, and devices
- Power electronics, power systems, and renewable energy
- Reconfigurable computing
- RF, microwave, and antenna design
- Robotics and intelligent systems
- Signal processing and computational optimization
- VLSI and mixed-signal integrated circuit design

Contact Us

ee.unt.edu | eechair@unt.edu | (940) 891-6872