Engineering Management, M.S.

Top 5 Things to Know about Us

1. Our program gives future engineering managers the skills needed to strategically lead teams and tackle engineering challenges head on.

2. Employers want engineering managers who have knowledge in management and advanced knowledge of engineering and technology – our program provides both.

3. Our energy concentration prepares students for exciting careers in alternative energy and sustainability. Texas is 2nd in the U.S. for clean energy jobs, according to E2.

4. Students who choose our construction management concentration can expect steady growth in demand for construction managers. Texas has the 2nd highest number of construction management jobs in the U.S., according to the Bureau of Labor Statistics, with demand expected to grow by 10% over the next few years.

5. Our program was designed to meet the needs of industry, so graduates will be able to manage engineering projects, analyze and manage risks, and manage people within an organization. Students also take a course in entrepreneurship, preparing them with the skills to start their own businesses.

172% ↑ in 3 years

in regional job postings for master's-level engineering management professionals

*according to EAB

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

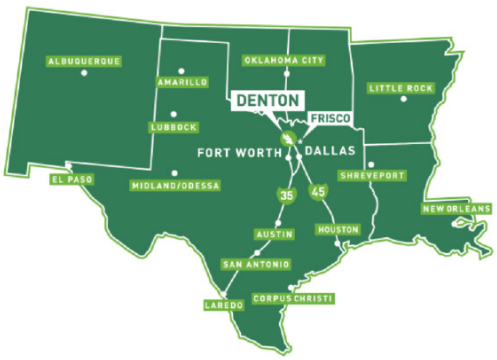
UNT
COLLEGE OF ENGINEERING

Our Program

The University of North Texas College of Engineering offers coursework leading to a Master of Science in Engineering Management, which requires 33 hours of coursework.

- Concentrations: Energy and Construction Management
- Students take 21 hours of core courses and 12 hours of courses in their chosen concentration

Our Location



UNT is located in Denton, TX, a college town that part of the Dallas-Fort Worth metropolitan area. DFW is the country's fourth-largest metropolitan area and offers a wealth of job opportunities as well as entertainment, culture, and more.

Contact Us

MechanicalGraduate@unt.edu | (940) 565-2400
engineering.unt.edu/degrees/msem

Admission

Our program is open to high-achieving students from engineering, computer science, or a related field. Each applicant's transcripts will be reviewed to determine if their background is suitable for admission into the concentration of their choice and/or if leveling coursework is required.

Applicants for this program should:

- Have a minimum 2.8 cumulative GPA in previous coursework.
- Submit transcripts and GRE scores. GRE may be waived for students who graduated from an ABET-accredited degree program or have a GPA of 3.3 or higher.
- International applicants should submit TOEFL or IELTS scores.
- Provide a resumé to reflect experience in engineering, especially if the bachelor's degree is not obviously related to engineering, computer science, or a related field.
- Apply by January 15th to be considered for all funding.

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.

Scholarships are available to graduate students as well. The general scholarship deadline is March 1 of each year. The College of Engineering also offers scholarships to qualified students throughout the year.

Faculty Spotlight

Dr. Nourredine Boubekri is a professor in the Department of Mechanical Engineering. His research focuses on green design and manufacturing, new product/process development management, project management and quality assurance. He has advised more than 35 graduate students nad published more than 100 technical articles. His research funding exceeds $5 million in grants and contracts. He also has been invited to speak at a number of international conferences and symposiums.

Dr. David Nowicki serves as the Director for the G. Brint Ryan College of Business Center for Logistics and Supply Chain Management. His research efforts focus on applying advanced analytical techniques to solve supply chain management problems from a systems engineering context. He has been a principal investigator or co-principal investigator on more than $5.5 million dollars of competitive research. Professor Nowicki's research is concentrated on performance-based logistics modeling, supply chain management, resiliency and risk, econometrics, game theory, multi-resource optimization, reliability theory, and inventory optimization.