



Civil Engineering

College of Engineering Graduate Program

www.tntech.edu/engineering

Earn a Master of Science in civil engineering or a Ph.D. in engineering while pursuing research in one of our focus areas with knowledgeable faculty who value both scholarship and research.

Join a nationally recognized program

Tennessee Tech is a fully accredited university and is recognized as a doctoral university by the Carnegie Classification of Institutions of Higher Education.

Solve 21st Century global problems

Tech's Master of Science degree in civil engineering is a dynamic graduate program. Graduate students learn to develop solutions to real world problems with societal impacts. Your professors will help you stay current with the latest innovations in the discipline, and to become familiar with the tools and technologies used by today's civil engineers.

Research Centers

Research undertaken by faculty in the College of Engineering are often conducted in collaboration with four research centers at Tennessee Tech:

- Center for Energy Systems Research (CESR)
- Center for Manufacturing Research (CMR)
- Center for the Management, Utilization and Protection of Water Resources (CWR)
- Cybersecurity Education, Research and Outreach Center (CEROC)

Research Opportunities

The civil and environmental engineering department offers outstanding opportunities in cutting-edge research with dedicated faculty. Faculty research interests include

- Construction materials
- Urban transportation planning
- Traffic operations and control
- Biological wastewater treatment and bioenergy production
- Structural Analysis and Design
- Soil mechanics
- Sustainable geotechnical infrastructure

Strategic Research Areas

Current strategic areas of research within the college include, but are not limited to:

- Advanced Manufacturing
- Biomolecular and Environmental Engineering and Science
- Energy Storage and Conversion
- Networking and Algorithms for Big Data
- Smart Grid
- Resilient Infrastructure

Strategic research areas are periodically updated in response to changing needs.

Faculty

Civil engineering faculty have several years of teaching, research, and industry experience. The significant breadth of their research interests provides graduate students with diverse opportunities. A list of department faculty and their areas of research interest is available at www.tntech.edu/engineering/departments/cee/facultystaff

Graduate Assistantships

A limited number of research and teaching assistant positions are available contingent upon funding.

Get started today!

Individuals interested in the Master of Science degree in civil engineering or Ph.D. in engineering can obtain additional information on the program's webpage www.tntech.edu/engineering/departments/cee/graduate-links or by emailing cee@tntech.edu