college of
GRADUATE STUDIES

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CIVIL ENGINEERING

You can earn your master's degree in civil engineering from a distinctive university surrounded by energetic mentors who value both scholarship and research within our rewarding, hands-on, people-oriented field. We'll work as hard as you do for your professional and personal goals.

Civil Engineering at Tennessee Tech

Tennessee Tech's master's in civil engineering is an exciting graduate program where you will be challenged to conduct basic and applied research, engage in advanced engineering design and professional practice and become a life-long learner.

Tennessee Tech's program focuses on solving current issues within modern society, like city planning, pollution control, transportation, water resource development and wastewater treatment. You'll expand upon your civil engineering foundation with knowledge from structural engineering and mechanics, environmental engineering and transportation.

Graduates will have the mathematical, mechanical and technical skills required to earn their licenses and enter the workforce as civil and environmental engineers. As a professional, you'll be able to oversee the planning and production of structures like buildings and bridges, transportation systems like roads and tunnels and resource facilities like water and power plants.

Research Opportunities

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

- Construction materials and their qualities
- Urban transit systems
- Traffic flow and design
- Biological wastewater treatment and bioenergy production
- Structural disaster prevention
- Engineering economics and project management

Tennessee Tech's research efforts are often conducted in collaboration with professionals from Oak Ridge National Laboratory and the university's three Centers of Excellence: Center for Manufacturing Research, Center for Energy Systems Research, and Center for the Management, Utilization and Protection of Water Resources.

Faculty

The College of Engineering's distinguished faculty members come from around the world and represent a wide variety of research interests, networks, opportunities and knowledge. A listing of departmental faculty is available at www.tntech.edu/engineering/departments/cee/facultystaff.

Graduate Assistantships

A limited number of teaching associate and 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.

A limited number of support assistantships may be available. These include paid tuition and fees, along with a monthly stipend. Support assistants' responsibilities include, but are not limited to, clerical functions and helping faculty members with necessary office and organizational tasks.

How to Get Started

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

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