

## Departmental Information

Department of Civil and  
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## Admissions Information

Application forms are available from:  
UT Office of Undergraduate Admissions  
320 Student Services Building  
Knoxville, TN 37996-0230  
Phone: (865) 974-2184  
Online: [admissions.utk.edu/undergraduate](http://admissions.utk.edu/undergraduate)

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THE UNIVERSITY of TENNESSEE   
KNOXVILLE  
COLLEGE OF ENGINEERING

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# Civil and Environmental Engineering



GUIDE FOR PROSPECTIVE STUDENTS

[www.engr.utk.edu/civil](http://www.engr.utk.edu/civil)

# CIVIL & ENVIRONMENTAL ENGINEERING

## A Message from the Department Head

We appreciate your interest in the University of Tennessee, Knoxville, Department of Civil and Environmental Engineering. Instruction in civil engineering has taken place at UT since 1834. The department's undergraduate program is accredited by the ABET Engineering Accreditation Program.

We have established an unsurpassed teaching and research environment through the development of high-quality, interdisciplinary programs. Our curriculum is designed to ensure graduates possess the technical competency to pursue professional practice or an advanced degree. It also focuses on the importance of working in a team environment by developing communication skills and prepares students to engage in life-long learning.

The Department of Civil and Environmental Engineering (CEE) at the University of Tennessee offers you a great starting point to prepare for a career in engineering.

Sincerely,

*Dr. Dayakar Penumadu, CEE Department Head*



## What is Civil and Environmental Engineering?

Civil engineering involves the design and construction of projects such as bridges, dams, roads, tunnels, and buildings.

Environmental engineering is the study and design of solutions for environmental problems such as maintaining safe drinking water and air quality, and disposal of hazardous wastes.

The civil engineering field is broad, with a variety of areas. As a student of civil engineering, you will study many different topics including construction, environmental, geotechnical, structural, transportation, public works, and water resources engineering.

Career opportunities for civil and environmental engineers can be found at utility companies, telecommunications businesses, consulting firms, and even toy and athletic equipment manufacturers. Many graduates work for private engineering firms that are responsible for contracted projects from start to finish, while others are employed by federal, state, and local governments.

If you would like specific information on salaries and career opportunities, visit the UT Career Services web site at [»www.career.utk.edu](http://www.career.utk.edu).

## Department Resources

Professors in the CEE department are highly qualified and have received many college and university awards for outstanding teaching and research.

The department is currently located in Perkins Hall, but will move in the fall of 2013 into the new, state-of-the-art John D. Tickle Engineering Building. This facility will offer unique opportunities for both classroom instruction and hands-on student research.

Current CEE laboratories include facilities for structural testing and non-destructive evaluation, environmental



engineering research facilities, a hydraulics laboratory, a transportation research facility, and geotechnical and materials research laboratories. Three computer laboratories are also available to assist students with their studies.



**The John D. Tickle Engineering Building**

## Academic Advantages

Most incoming UT freshman engineering students are automatically enrolled in the innovative Engage Engineering Fundamentals Program. Here you will learn basic engineering concepts and teamwork skills through a series of hands-on projects and activities.

[» http://ef.engr.utk.edu/efd/](http://ef.engr.utk.edu/efd/)

The Engineering Professional Practice office offers opportunities for you to gain hands-on experience in business and industry through paid positions and internships. [»www.coop.utk.edu](http://www.coop.utk.edu)

The College of Engineering also participates in the University Honors Program, which is designed to give academically outstanding students a unique undergraduate experience consisting of special courses, seminars, mentoring, and research projects. [»honors.utk.edu](http://honors.utk.edu)

The UT Center for International Education collaborates with the College of Engineering to create opportunities for engineering studies in other countries. [»international.utk.edu](http://international.utk.edu)

## Financial Support

The HOPE Scholarship program provides financial support to qualified high school students from Tennessee who want to attend an in-state university. [»www.collegepaystn.com](http://www.collegepaystn.com)

The CEE department offers a generous undergraduate scholarship program. [»www.engr.utk.edu/civil](http://www.engr.utk.edu/civil)

The college and the university also offer a number of scholarship opportunities. [»web.utk.edu/~finaid](http://web.utk.edu/~finaid) and [»http://www.engr.utk.edu/futurestudents/aid.html](http://www.engr.utk.edu/futurestudents/aid.html)

