

LEADERSHIP

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ACADEMICS

Degrees Granted in Academic Year 2009-10

Bachelor of Science	346
Master of Science	187
Doctor of Philosophy	64
Total	597

Degrees Offered

Bachelor of Science:

Aerospace Engineering
Biomedical Engineering
Biosystems Engineering
Chemical Engineering
Civil Engineering
Computer Engineering
Computer Science
Electrical Engineering
Industrial Engineering
Materials Science & Engineering
Mechanical Engineering
Nuclear Engineering

Master of Science:

Aerospace Engineering
Biomedical Engineering
Biosystems Engineering
Chemical Engineering
Civil Engineering
Computer Engineering
Computer Science
Electrical Engineering
Engineering Science
Environmental Engineering
Industrial Engineering
Materials Science & Engineering
Mechanical Engineering
MS-MBA Program
Nuclear Engineering
Polymer Engineering
Reliability & Maintainability Engineering

Doctor of Philosophy:

Aerospace Engineering
Biomedical Engineering
Biosystems Engineering
Chemical Engineering
Civil Engineering
Computer Engineering
Computer Science
Electrical Engineering
Engineering Science
Industrial Engineering
Materials Science & Engineering
Mechanical Engineering
Nuclear Engineering
Polymer Engineering

HISTORY



The origins of the College of Engineering at The University of Tennessee date back to 1838. It is the fourth oldest engineering college in the nation. Its purpose is to educate men and women to the highest levels of technical competence and social understanding to enable them to fulfill their responsibilities as professional engineers.

STUDENTS

Enrollment for Academic Year 2010-2011

Undergraduate	2,361	(73%)
Male	2,015	(85%)
Female	346	(15%)
African-American	120	(5%)
Other minorities	173	(7%)
Graduate	892	(27%)

Total 3,253

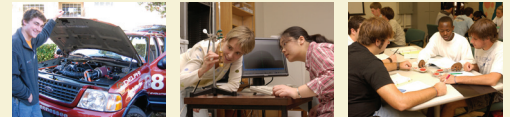
The entering freshman engineering class had an average composite ACT score of 28.6.



Alumni Information

Graduates of the B.S. curricula offered by the college may pursue advanced graduate study or take positions in private industry or government. The average 2010 starting salary for a College of Engineering graduate with a bachelor's degree was \$56,715.

Many graduates pursue their careers in Tennessee, but engineering knows no geographical bounds. Half of our graduates reside outside the state. Out of a total of more than 23,000 living alumni, more than 97 percent reside in the U.S.



Costs for Academic Year 2010-11

Tennessee Resident	
Undergraduate tuition & fees	\$7,382
Graduate	\$8,362
Non-Tennessee Resident	
Undergraduate tuition & fees	\$22,420
Graduate	\$23,400
Housing and Food (estimated)*	\$7,800
Engineering Fee (per student credit hour)	\$45

Students can also expect to spend \$6,000 to \$7,000 per year for books, supplies, transportation and personal expenses.

During the 2009-2010 academic year**, scholarships totaling \$793,314 were awarded by the College of Engineering, supporting 369 students.

* Air-conditioned double room plus meal plan. Prices may vary depending on meal plan.

** Academic Year = Fall, Spring, Summer Semester



FACULTY

Outstanding Faculty

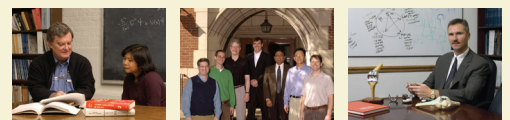


The college has one National Academy of Engineering Member, two Distinguished Scientists, one University Distinguished Professor, six UT/ORNL Governor's Chairs, five Chairs of Excellence, one UT-Battelle Distinguished Professor, one Chancellor's Professor, one Endowed Chair, nine Endowed Professorships, two COE Career Development Professorships and four Newly Endowed Professorships/Chairs.



Tenured and Tenure-Track Faculty for Academic Year 2010-2011

Professors	69
Associate Professors	52
Assistant Professors	32
Total	153



FINANCIALS

College Expenditures for Fiscal Year 2010

Gift/Grant Expenditures	\$43,795,301
State Expenditures	\$37,006,574
Total	\$80,801,875

Private Gifts & Pledges for Fiscal Year 2010

Total Giving	\$7,292,341
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COLLEGE of ENGINEERING

fact sheet

ACADEMIC SUPPORT PROGRAMS

The Jerry E. Stoneking Engage Program

» <http://ef.engr.utk.edu>

Freshman students admitted to the College of Engineering are automatically enrolled in one of the nation's most innovative freshman engineering programs—the Engage Program—a cutting edge, success-oriented approach to first-year engineering education. The Engage Program's curriculum is built around teaming students for project-oriented, hands-on activities.



Engineering Advising Services (EAS)

» www.engr.utk.edu/advising

The Engineering Advising Services Office provides academic program planning services to undergraduate students in the College of Engineering.

DIVERSITY INITIATIVES

Engineering Diversity Programs Office (EDP)

» www.engr.utk.edu/edp

The Office of Engineering Diversity Programs (EDP) strives to increase the number of underrepresented students, including African-Americans, Hispanics and American Indians, who graduate with engineering degrees.



Diversity Engineering Scholarship Program (DESP)

» www.coop.utk.edu

Originally established in 1973 as the Minority Engineering Scholarship Program (MESP), the DESP has provided ongoing support for generations of minority engineering students. Due in large part to the success of this focus on diversity, the college has consistently graduated a significantly large number of African-American students each year. DESP is administered through the Engineering Professional Practice office.



Engineering Professional Practice

» www.coop.utk.edu

Since 1926, the Engineering Professional Practice office has provided educationally relevant opportunities for thousands of COE students to experience real-world engineering challenges through cooperative education (co-op) and internship programs. Both programs offer structured learning environments where students develop increasing responsibilities by holding full-time, paid positions in a professional setting related to their academic and career goals.

Distance Education Degrees and Certificates in Engineering

» www.anywhere.tennessee.edu

Distance Education (DE) provides motivated individuals an opportunity to further their engineering education without having to attend instructional sessions in traditional classrooms. The COE offers both conventional academic degree programs and graduate certificate programs through DE.

The Tennessee Louis Stokes Alliance for Minority Participation (TLSAMP)

» www.engr.utk.edu/tlsamp

TLSAMP, a program sponsored by the National Science Foundation (NSF), was created to help double the number of underrepresented students attending college and graduating with degrees in science, technology, engineering and math (STEM) from six participating universities in Tennessee.



TLSAMP Summer Bridge Program

» www.engr.utk.edu/tlsamp/incoming.html

The Summer Bridge Program offered by TLSAMP emphasizes three areas: academic instruction, academic skills and life skills. The program is a cooperative effort among the NSF and six universities, one of which is the University of Tennessee.

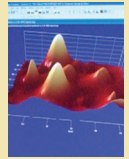
The University of Tennessee is an EEJ/AA/Title VI/Title IX/Section 504/ADA/ADEA institution in the provision of its education and employment programs and services. All qualified applicants will receive equal consideration for employment without regard to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, gender identity, age, physical or mental disability or covered veteran status.

RESEARCH CENTERS

Center for Materials Processing (CMP)

» www.engr.utk.edu/cmp

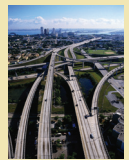
Designated by the state of Tennessee as a Center of Excellence, the CMP's research efforts focus on the control of material properties through their composition and molecular structure as well as how these factors relate to materials processing.



Center for Transportation Research (CTR)

» <http://ctr.utk.edu>

The Center for Transportation Research, a nationally and internationally recognized research entity, was created in 1970 to foster and facilitate interdisciplinary research, public service and outreach in the field of transportation.



Innovative Computing Laboratory (ICL)

» <http://icl.cs.utk.edu>

Dr. Jack Dongarra, a Distinguished Professor in the Computer Science Department at UT and a Distinguished Scientist at Oak Ridge National Laboratory (ORNL), founded ICL in 1989. ICL is a world leader in enabling technologies and software for scientific computing.



Reliability & Maintainability Center (RMC)

» www.rmc.utk.edu/

The RMC is a university-industry association dedicated to improving industrial productivity, efficiency, safety and profitability through advanced reliability and maintainability technologies and management principles.



Scintillation Materials Research Center (SMRC)

» www.engr.utk.edu/smrc

The Scintillation Materials Research Center is a multidisciplinary research facility supported by Siemens Medical and federal funding. SMRC's mission is to discover and develop new scintillation materials with applications in medical imaging and national security.

