

By the Numbers . . .

THE COLLEGE OF ENGINEERING

Academic Programs/Students

- 18 bachelor's, 17 master's, 13 doctoral degree programs
- Ranks 25th in the Academic Ranking of World Universities for Engineering/Technology and Computer Science
- 16th "best undergraduate engineering degree program" among public colleges of engineering whose highest degree is a doctorate by *US News & World Report*
- Ranks among all US engineering colleges*:
 - 4th in undergraduate enrollment
 - 7th in the number of BS degrees awarded
 - 13th in BS degrees awarded to women
 - 7th in BS degrees awarded to African Americans
- Largest college at NC State, with more than 8,000 students; current enrollments include more than 6,100 undergraduates and more than 2,300 graduate students
- More than half of incoming freshmen are in the top 10 percent of their high school graduating class
- Annually more than 1,000 undergraduate and more than 600 graduate degrees awarded
- 3rd largest online engineering graduate program, *US News & World Report*
- No. 1 Best Buy for Online Engineering Master's degree program in 2008**
- Annually engages in statewide outreach to more than 5,000 students and 500 teachers in K-12 programs, supported by over \$3 million in grants for science, technology, and mathematics education; over 1,000 K-12 students attend College of Engineering summer camps each year

Academic Departments

- Biomedical Engineering
- Chemical and Biomolecular Engineering
- Civil, Construction, and Environmental Engineering
- Computer Science
- Electrical and Computer Engineering
- Industrial and Systems Engineering
- Materials Science and Engineering
- Mechanical and Aerospace Engineering
- Nuclear Engineering

Engineering Programs in Other Colleges

- Biological and Agricultural Engineering
- Paper Science and Engineering
- Textile Engineering

Research

- Ranked 19th among public research colleges of engineering by *US News & World Report*
- Ranked 14th in the nation in annual research expenditures*
- Annual research expenditures exceeded \$125 million in 2008-09
- Over 20 centers, institutes, and labs, conducting research in a broad range of engineering and computer science areas

Faculty and Staff

- 915 faculty and staff, including 254 tenured/tenure-track faculty members
- 11 faculty are members of the National Academy of Engineering, and 80 have received Presidential and National Science Foundation recognitions for achievement, including 55 NSF Career Awards

Extension, Engagement, Economic Development

- The College of Engineering's Industrial Extension Service (IES) is the first industrial extension service established in the nation (1955)
- The 1B4NC promise from IES: To partner with North Carolina business to create \$1 billion in value in five years (2006-2010)

Alumni

- Total living alumni: 48,356
- Total degrees awarded: 50,808 (38,559 bachelor's and 12,249 graduate degrees)

Support

- Total budget: more than \$175 million
- Total endowment: 335 endowments with a market value of \$56 million
- *Achieve!* Campaign totals for Engineering: \$265.7 million

Other

- The College of Engineering is moving its entire facilities to Centennial Campus; Engineering Buildings I and II are completed; and Engineering Building III will open in 2010
- The Engineering Career Fair at NC State is one of the largest university career fairs in the nation
- First to establish a nuclear engineering program in the U.S. and operated the world's first nuclear reactor used for teaching, research and public service; currently operating a 1-megawatt PULSTAR reactor

**ASEE Profiles of Engineering and Engineering Technology*, 2008

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