

Auburn University Samuel Ginn College of ENGINEERING

eng.auburn.edu

Christopher B. Roberts

Dean, Auburn University
College of Engineering

Fall 2013 Enrollment: 5,177
Bachelor's Degrees: 12
Graduate Degrees: 29

Contact

1210 Shelby Center
t: 334-844-4310
f: 334-844-2349
e: ess@eng.auburn.edu
w: eng.auburn.edu

Majors

Aerospace Engineering
Biosystems Engineering*
(Options: Biosystems, Forest, Ecological)
Chemical Engineering
Civil Engineering
Computer Science
Electrical and Computer Engineering
(Options: Electrical, Computer)
Industrial and Systems Engineering
Materials Engineering
Mechanical Engineering
Polymer and Fiber Engineering
(Options: Polymer, Fiber)
Software Engineering
Wireless Engineering
(Options: Wireless Software, Wireless Hardware)

*Joint program with the
College of Agriculture

• The *U.S. News & World Report* ranked Auburn's undergraduate engineering program 30th and the graduate program 38th among the nation's public universities. The college has the largest enrollment on campus with a freshman class of 998, and is the state's largest and highest-ranked engineering program (American Society of Engineering Education and *U.S. News & World Report*).

• The university offers the nation's first and only bachelor's degree in wireless engineering. It is the first program in the Southeast to offer bachelor's and master's degrees in software engineering and the only state university offering a polymer and fiber engineering program.

• The college awarded approximately \$2 million in scholarships for the 2013-14 academic year. Auburn Engineering students comprise approximately 25% of those who graduate with honors university-wide and 80% of co-op students.

• Beyond the classroom, students gain hands-on, real-world experience in student competitions that include Formula SAE race cars, Baja SAE off-road cars, unmanned aerial vehicles, and autonomous lawn mowers, as well as fuel cell powered

TOP RANKED ENGINEERING COLLEGE IN ALABAMA

cars, robotics, ergonomics, materials handling design, concrete canoes, and computer programming.

• The college has educated four of Auburn's six NASA astronauts – Jim Voss, T.K. Mattingly, Jan Davis, and Clifton Williams; three directors of the Kennedy Space Center – Richard Smith, James Kennedy, and Forrest McCartney; prominent CEO's such as Apple's Tim Cook; and four members of the prestigious National Academy of Engineering – John Judkins, Oliver Kingsley, Philip Lett, and Vincent Poor.

• The college is home to more than a dozen research centers and numerous laboratories. Auburn Engineering ranks in the top 45 nationally in research expenditures and conducts approximately one-third of the university's annual research. Focus areas include energy and environment; cyber security and information technology;

infrastructure and transportation; biomedical and pharmaceutical engineering; engineered materials and nanotechnology; and advanced manufacturing.

• Auburn Engineering has partnered with Siemens to develop the MRI Research Center at Auburn University, which houses one of three actively shielded 7T MRI research scanners in the nation. With recent facilities renovations and new construction, the college now boasts 36,162 square feet of classroom space, 90,651 square feet of teaching laboratory space, and 173,003 square feet of research laboratory space.

• The college has been ranked seventh in the nation in graduating African-American engineering students, according to *Diverse Issues in Higher Education*. During the past decade, the number of African-American engineering graduates has increased by 90%. This growth is due in large part to the college's Alabama Power Academic Excellence Program (APAEP). The APAEP works to increase recruitment and enhance retention of minority engineering students. The program incorporates a three-week summer immersion program, a living learning community and collaborative learning groups, as well as mentoring programs both in and out of the classroom.

ALUMNI INCLUDE 4 NASA ASTRONAUTS & TIM COOK, APPLE'S CEO.



Office of Admissions and Recruitment

The Quad Center • Auburn, Alabama 36849
P: 334-844-6425 • F: 334-844-6436
admissions@auburn.edu
auburn.edu/admissions

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