Samuel Ginn
College of Engineering

Founded 1908
Alabama’s largest engineering program
Auburn’s largest college

NATIONAL RANKINGS
Public institutions
Undergraduate Program 28th
Graduate Program 39th
Graduate Online Program 17th

ACADEMIC PROGRAMS
Aerospace Engineering
BioSystems Engineering
Chemical Engineering
Civil Engineering
Computer Science
and Software Engineering
Electrical and Computer Engineering
Industrial and Systems Engineering
Mechanical Engineering
Materials Engineering
Polymer and Fiber Engineering
Wireless Engineering

MINORS AND CERTIFICATES
Automotive Engineering and Manufacturing Systems
Biomedical Engineering
Business-Engineering-Technology
Computer Science
Environmental Engineering
Information Technology
Materials Engineering
Materials Science
Nuclear Power Generation Systems
Occupational Safety and Ergonomics
Pulp and Paper Engineering
Tribology and Lubrication Science

FACULTY
145 tenure/tenure track faculty

RESEARCH
$61.3 million in research expenditures
42nd in nation in research expenditures (Ranked in top 50 for the past eight years)

Focus Areas
• Advanced Manufacturing
• Biomedical and Pharmaceutical Engineering
• Cyber Security and Information Technology
• Energy and Environment
• Engineered Materials and Nanotechnology
• Infrastructure and Transportation

STUDENTS
Undergraduate 4,618
Graduate 917
MS 514
Ph.D 403
Total enrollment 5,535
• Undergraduate program ranked 25th in enrollment
• Ranked 20th nationally in engineering degrees awarded to African-Americans

Freshman Class Snapshot
• Average ACT/SAT 28.8/1234
• Average High School GPA 3.9
• Comprises 26% of Auburn’s freshman class

Outside the Classroom
• 93% of Auburn’s co-op students are enrolled in engineering
• Study abroad programs offer fresh perspective in the global economy
• A variety of hands-on student projects such as Formula and Baja SAE, AIChE Chemical Engineering Car Team, ASCE Concrete Canoe and AIAA Design/Build/Fly
• The Alabama Power Academic Excellence Program emphasizes the recruitment and retention of underrepresented engineering students

AUBURN ENGINEERING ONLINE

Graduate Online Program
Ranked 17th by U.S. News & World Report's Best Online Engineering Graduate Programs

101 online courses offered

2014 registration:
Spring 480
Summer 314
Fall 672

Graduate Online Program Degree Offerings
Aerospace Engineering
Chemical Engineering
Civil Engineering
Computer Science and Software Engineering
Electrical and Computer
Industrial and Systems Engineering
Dual M.S./Industrial and Systems Engineering
Materials Engineering
Mechanical Engineering

Continuing Education Programs
• 127 live seminars and conferences serving nearly 4,400 clients
• 126 distance continuing education courses delivered by streaming video serving 531 students in 50 states and international locations

OUTREACH

E-Day – open house introduces thousands of middle and high school students to Auburn Engineering
Engineering Summer Camp – residential summer program for 11th-12th graders gives students hands-on experience
Women in Engineering Camp – summer camp for 8th-10th graders recruits females to engineering
Summer Experience: Digital Forensics – three-week summer camp to introduce 11th graders to cyber security for college credit
Robo and Computer Camps – day camps increase computer literacy for 5th-12th graders
BEST – the nation’s third largest K-12 robotics program, serving 12,500 students from 850 schools in 15 states
KEMET Academy (Knowledge and Excellence in Mathematics, Equilibrium and Technology) – summer camp introduces minority high school students to courses that prepare them for graduation and college entrance exams

PHILANTHROPY

Overall Campaign Goal: $200,000,000
2014 - 2015 Fundraising Goal: $30,000,000

Programmatic Support $105 million
Facility Support $31 million
Scholarship and Fellowship Support $40 million
Faculty Support $24 million

STRATEGIC GOALS

• Perform and achieve recognition as a top 25 engineering program
• Sustain world-class programs at the frontier of engineering education
• Recruit, mentor, retain and support outstanding faculty members
• Establish highly subscribed, highly competitive graduate programs
• Significantly increase research activity throughout the college
• Position the college to compete for large, national research center grants
• Engage in innovative research to improve quality of life and economic competitiveness

WORTH NOTING

• 21% of incoming freshmen are female, while 22% of graduate student enrollment is female
• MRI Research Center houses 3T clinical and 7T research scanners
• Only ABET accredited wireless engineering program in the U.S.
• One of four universities designated by the National Security Agency as a Center of Academic Excellence in Cyber Operations
• Three engineering living/learning communities – co-ed, female and African-American
• 18% increase in graduate students in the past five years
• National Center for Asphalt Technology – a world-renowned leader in hot mix asphalt research, technology and education