Whether it is generating and distributing electrical power, designing advanced medical imaging and diagnostic equipment, creating communication systems to connect the world, or building next-generation robots, electrical engineering is the application and control of electricity. Computer engineering focuses on construction and control of computers and their interface with the outside world. Wireless engineering's focus is on systems for existing and next-generation wireless communications and applications. Auburn University's Department of Electrical and Computer Engineering maintains its reputation for success by attracting talented students and providing them with a quality education via a faculty of international standing. As a result, graduates of the department are uniquely qualified to pursue careers in industries as diverse as power distribution and biomedical research.

- **Alabama Micro/Nano Science and Technology Center (AMNSTC)**
- **Auburn University Magnetic Resonance Imaging (MRI) Research Center**
- **Wireless Engineering Research and Education Center (WEREC)**

For information about academic programs and minors, visit www.eng.auburn.edu/programs
LIFE AFTER GRADUATION

SCHOLARSHIPS

The College of Engineering and the Department of Electrical and Computer Engineering provide scholarship opportunities to students at every stage of their academic career. To be eligible for scholarships at Auburn University, all students must apply through AUSOM.

For information about engineering scholarships, visit www.eng.auburn.edu/scholarships

CONTACT US

Auburn University is an equal opportunity educational institution/employer.
ENF1409WE1

GRADUATE CURRICULUM

Master of Science (M.S.) non-thesis option — requires the successful completion of a set of courses approved by the major professor. The courses may be taken on campus or online.

Master of Science (M.S.) thesis option — requires successfully completing a set of courses approved by the advisory committee, carrying out research on a chosen topic and passing the final examination on the thesis. The courses may be taken on campus or online.

Doctor of Philosophy (Ph.D.) — requires successful passing of candidacy requirements set by an advisory committee and a general examination covering the major, the preparation of an acceptable dissertation reflecting high achievement in scholarship and independent investigation, and the passing of a final examination on the dissertation and related subjects.

TEAMS AND ORGANIZATIONS

Students in the department are encouraged to participate in various campus and departmental organizations, including:

• Eta Kappa Nu, electrical engineering international honor society
• Institute of Electrical and Electronics Engineers (IEEE)
• SPARC Robotics Team

For more information on teams and organizations, visit www.eng.auburn.edu/organizations

SCHOLARSHIPS

The College of Engineering and the Department of Electrical and Computer Engineering provide scholarship opportunities to students at every stage of their academic career. To be eligible for scholarships at Auburn University, all students must apply through AUSOM.

For information about engineering scholarships, visit www.eng.auburn.edu/scholarships

LIFE AFTER GRADUATION

With the rapid pace of technological development, the Department of Electrical and Computer Engineering strives to educate its graduates to lead the field in careers as design engineers, technical sales engineers, project managers and testing and research engineers. Graduates are prepared to face the future with the ability to address matters such as national security, renewable energy, disaster relief, communication and entertainment.


CONTACT US

Mark Nelms, Department Chair
Elizabeth Gowan, Academic Advisor
200 Brown Hall
Auburn, AL 36849
334.844.1825
efg0001@auburn.edu
www.eng.auburn.edu/elec

Office of Engineering Student Services
1161 Brown-Kopel Center
Auburn, AL 36849
334.844.4310
engineering@auburn.edu
www.eng.auburn.edu/ess

Follow Auburn Engineering on Social Media

Auburn University is an equal opportunity educational institution/employer.
ENF1409WE1