

WHY UW?

- Continuing UW engineering students and high school seniors are offered more than **275 merit-based scholarships** each year.
- Approximately **90% of CEAS courses are taught by tenured faculty**, with graduate students assisting in the labs.
- The small size of the college, a **student-faculty ratio of 20:1**, and an **average class size of 25** provides great hands-on learning and the opportunity to participate in undergraduate research.
- Fall and spring career fairs are attended by **50-60 local, regional, and national employers/organizations** hiring UW engineering students for internships and positions upon graduation. Students who graduate report a **75% rate of employment in their chosen field within three months of graduation** and **90% within six months**.
- UW College of Engineering and Applied Science (CEAS) seniors consistently pass the Fundamentals of Engineering Exam with scores **5-12% above the national average**.
- Three UW residence hall floors with a **computing laboratory** house approximately 150 students and are designated for engineering students only.
- With **more than 250 recognized student organizations**, UW offers a wide range of opportunities to fit your interests and needs. Engineering students can choose to become involved in IEEE (Institute of Electrical and Electronics Engineers), TBP (Tau Beta Pi), SWE (Society of Women Engineers) and many more.
- The International Engineering Club, along with Engineers without Borders-Wyoming, was formed to facilitate students interested in **study abroad, international internships or international service**.

GO FOR GOLD

Contact Information

College of Engineering and Applied Science
1000 E. University Ave.
Laramie, WY 82071
Phone: 307-766-4253
Email: enginfo@uwyo.edu
[facebook.com/wyomingece](https://www.facebook.com/wyomingece)

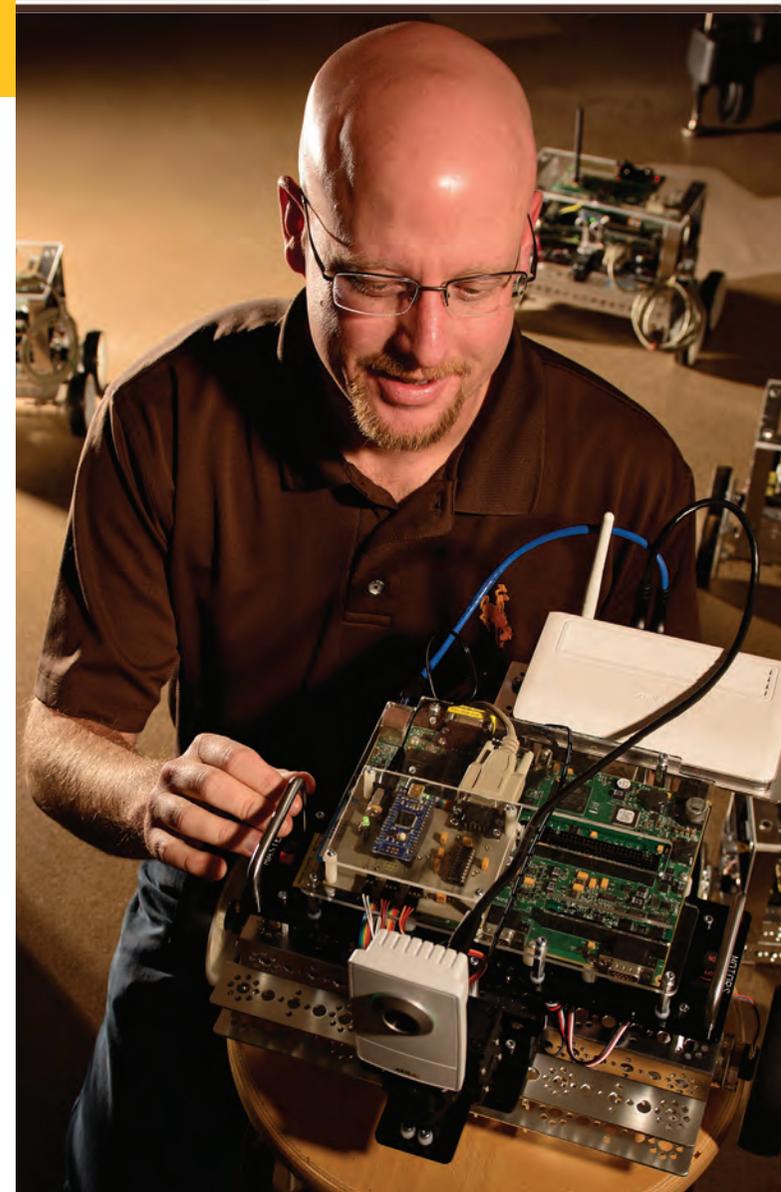
Electrical and Computer Engineering Faculty

- John E. McInroy - Department Head**
Ph.D., Rensselaer Polytechnic Institute, 1991
- Jeff Anderson**
Ph.D., University of Wyoming, 2004
- Steven F. Barrett**
Ph.D., University of Texas, 1993
- Dongliang Duan**
Ph.D., Colorado State, 2012
- Eva S. Ferre-Pikal**
Ph.D., University of Colorado, 1996
- Jerry C. Hamann**
Ph.D., University of Wisconsin, 1993
- Robert F. Kubicek**
Ph.D., University of Wyoming, 1985
- Suresh Muknahallipatna**
Ph.D., University of Wyoming, 1995
- Domen Novak**
Ph.D., University of Ljubljana, 2011
- John O'Brien**
Ph.D., Rensselaer Polytechnic Institute, 2001
- John W. Pierre**
Ph.D., University of Minnesota, 1991
- Jon M. Pikal**
Ph.D., Colorado State University, 1999
- Cam Wright**
Ph.D., University of Texas, 1996

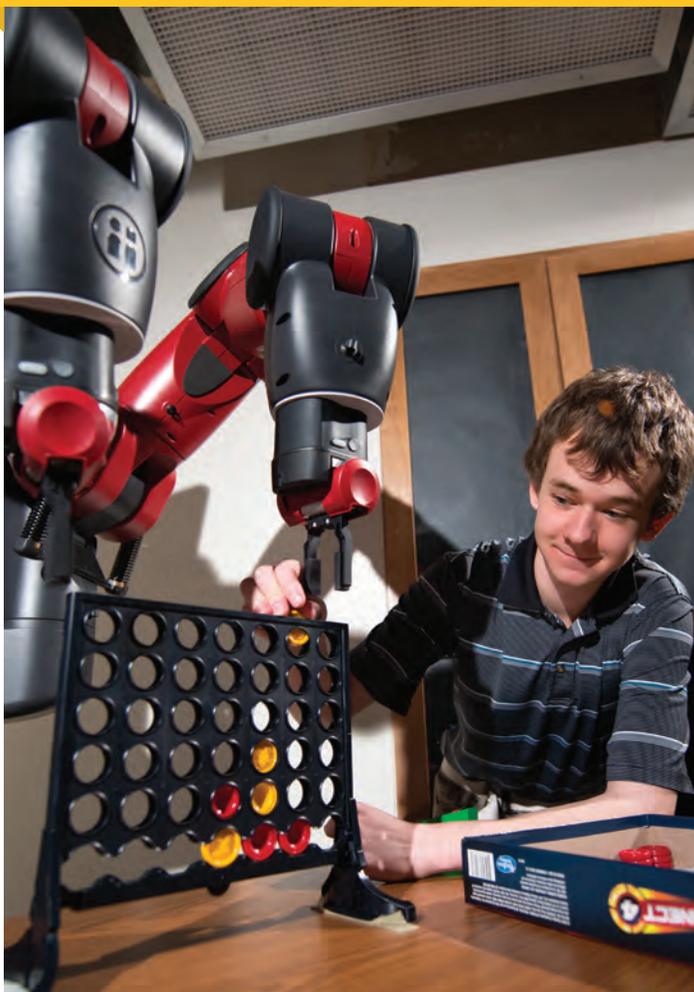


COLLEGE OF
**ENGINEERING &
APPLIED SCIENCE**

UNIVERSITY
OF WYOMING



**ELECTRICAL AND
COMPUTER ENGINEERING**



The ECE Department at UW offers electrical engineering, computer engineering and a bioengineering option of electrical engineering. There is frequent opportunity for undergraduates to participate in research projects. ECE faculty members maintain a flexible open-door policy, making them extremely accessible to students. The qualifications of the ECE faculty members are excellent, with many in leadership positions in national

and international organizations, several are textbook authors and all are active in their respective specialties. The department has well-equipped laboratories, offers free access to computer systems running software needed for studies, maintains small class sizes and provides a friendly, supportive environment for students.

» Find out more at uwyo.edu/electrical

Three Concentrations

Electrical Engineering—Provides depth of understanding necessary to meet the challenges of ever-changing technology and allow students to pursue comprehensive study in at least one specialization area of electrical engineering.

Computer Engineering—Similar to the electrical engineering program, but emphasizes computer-related technology.

Bioengineering—Applies the techniques of electrical engineering to problems of environmental science, wildlife studies, biology and medicine.

Careers in Electrical and Computer Engineering

For almost any area in which you might want to work (energy/power, aerospace, automotive/transportation, computer networks, robotics, satellite and cellular communications, music/video special effects, software design, microcomputers, biomedical instruments/imaging, electronic devices and many others) you'll find that electrical and computer engineers make up a significant part of the team. Nearly 100 percent of our graduates have job placements or have been accepted to graduate school.

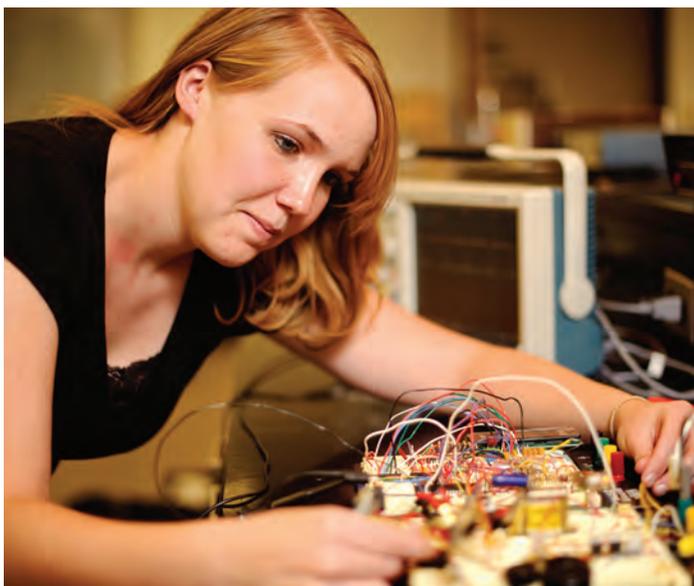
Forbes ranked biomedical engineering the most valuable college major. There is a projected 62 percent growth rate for the time period of 2010-2020 in this field.

Degree Programs

- Bachelor of Science in Electrical Engineering
- Bachelor of Science in Computer Engineering
- Bachelor of Science in Electrical Engineering with Bioengineering Option
- Master of Science in Electrical Engineering
- Doctor of Philosophy in Electrical Engineering
- BS/MS Quickstart Program Electrical



The January 2014 Salary Survey reports computer engineering as No. 2 in average starting salaries.



The ECE offers many opportunities for undergraduate research.