Why UW?

300+ Merit-based scholarships are offered each year

90% Of CEAS courses are taught by engineering faculty

18:1 Student-faculty ratio (plus, average class size of 28)

88% Rate of employment in student’s chosen field w/in six months of graduation

5-12% Of seniors pass the fundamentals of engineering exam above average

Contact Information

1000 E. University Ave. Laramie, WY 82071
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Electrical and Computer Systems 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

Robert F. Kubichek
Ph.D., University of Wyoming, 1985

Suresh Muknahallipatna
Ph.D., University of Wyoming, 1995

Nga Nguyen
Ph.D. Michigan State University, 2017

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

Engineering

Residence Hall floors with a computing laboratory are designated for engineering students only

Recognized engineering student organizations get involved in IEEE (Institute of Electrical and Electronics Engineers), Tau Beta Pi, SWE (Society of Women Engineers) and many more.

Electrical and Computer Engineering

Bucking the System since 1886.

uwyo.edu/electrical
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.

### 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.

### Did You Know?

- **$115,210**
  
  The average yearly salary for computer engineers was $115,210 in 2017.

- **Cutting-Edge Research**
  
  Participate in research like robotics, power, electronics, communications, signals, control

- **Bioengineers Apply**
  
  Technology to solve problems for the physical self or things in nature

Find out more at [uwyo.edu/electrical](http://uwyo.edu/electrical)