1000 E. University Ave. Laramie, WY 82071
Phone: 307-766-4253 | Email: enginfo@uwyo.edu
uwyo.edu/mechanical

MECHANICAL AND ENERGY SYSTEMS ENGINEERING FACULTY

Carl Frick - Dept. Head
Ph.D., University of Colorado, 2005

Dilpuneet Aidhy
Ph.D., University of Florida, 2009

Ankush Aggarwal
Ph.D., University of California, Los Angeles, 2012

Erica L. Belmont
Ph.D., University of Texas at Austin, 2014

Dennis Coon
Ph.D., Pennsylvania State University, 1986

Paul A. Dellenback
Ph.D., Arizona State University, 1986

Ray Fertig
Ph.D., Cornell University, 2010

Kevin Kilty
Ph.D., University of Utah, 1982

Yang Liu
Ph.D., Penn State, 2014

Dimitri Mavriplis
Ph.D., Princeton University, 1987

S. Maysam Mousaviraad
Ph.D., University of Iowa, 2010

Jonathan Naughton
Ph.D., Penn State University, 1993

Nancy Peck
Ph.D., Rensselaer Polytechnic Institute, 1992

Michael Stoellinger
Ph.D., University of Wyoming, 2010

Lawrence Willey
M.S. Rensselaer Polytechnic Institute-HGC, 1984

Contact

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

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

25+ Recognized engineering student organizations get involved in ASME (American Society of Mechanical Engineers), AIAA (American Institute of Aeronautics), SAE (Society of Automotive Engineers), Tau Beta Pi (Society of Women Engineers) and many more.
Mechanical engineers are employed in almost every industry. If there are moving parts or if energy is converted from one form to another, a mechanical engineer was responsible for the design.

The ME program at UW offers committed, professional instruction. All ME classes (including laboratories) are taught by full-time faculty. ME faculty maintain an open-door policy, making them extremely accessible to students. Students receive a hands-on education.

A Second Mechanical Engineering Degree:

The Energy Systems Engineering program is designed to train engineers to address one of this country’s foremost challenges: to achieve energy independence and meet the growing demand for energy, while addressing critical environmental concerns. The program prepares students to be technology leaders in energy conversion and environmental-protection systems, managers in the energy industry, overseers of energy development and to be environmentally sensitive liaisons between the energy industry and the public. ESE engineers are trained in alternative and environmentally friendly energy-conversion systems such as wind, solar and geothermal, as well as more traditional technologies.

Careers in Mechanical Engineering:

Mechanical engineers are employed in significant percentages in almost all industrial and governmental organizations that employ engineers. UW graduates are employed at more than 700 companies and in all 50 states. Mechanical engineers find employment opportunities in industries such as automotive, aerospace, manufacturing, defense, electric utilities, chemical and oil/gas.

Energy Systems engineers find employment at oil/gas companies and in oil/gas support services, at electric utilities, for state agencies providing environmental oversight, in environmental management and remediation and others.

DID YOU KNOW?

1 in 4

In 2017, 1 in 4 engineering graduates in the USA were mechanical engineers.

$85,880

The average yearly salary for mechanical engineers was $85,880 in 2017.

Notable Employers

Notable employers include Bechtel Marine Propulsion, Halliburton, Baker Hughes and Ford Motor Co.

Find out more at uwyo.edu/mechanical