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

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

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

Chug-Souk Han
Dr.-Ing., University of Hannover, Germany, 1999

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

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

MECHANICAL AND ENERGY SYSTEMS ENGINEERING FACULTY
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 with ME class sizes averaging 28 students per lecture class and 10 students per laboratory section.

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.

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. ESE 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 2016, 1 IN 4 ENGINEERING GRADUATES IN THE USA WERE MECHANICAL ENGINEERS.

NOTABLE EMPLOYERS

NOTABLE EMPLOYERS INCLUDE BECHTEL MARINE PROPULSION, HALLIBURTON, BAKER HUGHES AND FORD MOTOR CO.

$84,190

THE AVERAGE YEARLY SALARY FOR MECHANICAL ENGINEERS WAS $84,190 IN 2016.