Why Mechanical and Aerospace Engineering?

Why OSU?

Mechanical and aerospace engineers are key professionals in the invention, design and manufacture of devices, vehicles, machines and systems that meet the changing needs of our society.

Our graduates practice in exceedingly diverse careers. They interact with everything mechanical - simple to complex, small to large - from artificial limbs to supersonic transports, household appliances to precision instruments, space shuttles to mass transit networks, fuel cells to power plants, lawn mowers to automobiles.

Our Research

In the Department of Mechanical and Aerospace Engineering at Oklahoma State University, there are numerous research facilities and centers available to current students, faculty, and visiting guests.

There are presently nineteen active graduate faculty members. Many of the faculty have international reputations for excellence in their fields. All of the faculty are active in research and sponsored research contracts are in progress.

Graduate Areas of Study

In Mechanical and Aerospace Engineering

- Advanced Manufacturing
- Dynamic Systems & Controls
- Fluid Mechanics & Aerodynamics
- Solid Mechanics
- Thermal Systems

There are many opportunities here for you in our program. Both a Master’s of Science and a Doctorate of Philosophy are offered. Our professors are internationally renowned for their expertise in their fields. All of the faculty are active in research and sponsored research contracts are in progress.

Thank you for your interest in the School of Mechanical and Aerospace Engineering at Oklahoma State University! We are excited for you to join other scholars currently involved in our program. With internationally renowned faculty
Awards and Achievements

No. 1 in Aircraft Design
- 2nd and 4th place in the AIAA Design, Build, and Fly Competition, 2007
- 1st and 2nd place in the AIAA Design, Build, and Fly Competition, 2006
- 1st and 2nd place in the AIAA Design, Build, and Fly Competition, 2005
- 1st and 2nd place in the AIAA Design, Build, and Fly Competition, 2004
- 1st and 3rd place in the AIAA Design, Build, and Fly Competition, 2001
- 2nd place in the AIAA Design, Build, and Fly Competition, 1999

No. 1 in Research
- 1st Place, AIAA 2007 Region IV Competition (Graduate Division)
- 2nd Place, AIAA 2007 Region IV Competition (Undergraduate Division)

No. 1 in Flight
- World record holder in the 5 kg electric aircraft long endurance UAV
- 1st flight of a high altitude inflatable winged glider

Mechanical and aerospace engineering students at Oklahoma State University have a variety of opportunities to challenge themselves, experience great things and even be nationally recognized for their accomplishments.

MAE students at OSU are anything but average. Current students are working on a projects that could allow flights on Mars and development of amphibious cars. Students have even been featured on the cover of Aero magazine for their accomplishments.

Become a mechanical and aerospace engineering student at Oklahoma State University. Accept the challenge, embrace the experience and cherish the recognition you will receive from this world class program.