College of Engineering

# AEROSPACE ENGINEERING

## Hyper-Rewarding Education

Aerospace engineers design and develop technologies for commercial aircraft, fighter jets, helicopters, spacecraft, missiles and rockets. Students achieve mastery of aerodynamics and propulsion, dynamics and controls, materials and structures, and hypersonic flight.

### Destination of Choice

The aerospace engineering program boasts unmatched university facilities, a well-balanced curriculum, and an environment aligned with industry needs. Students work with water tunnels and wind tunnels that range from subsonic to Mach 5, rivaling those found in industry. From early on, students get hands-on experience in research labs focusing on instrumentation and materials strength.

### Stellar Careers

Fortune ranks aerospace engineering as the No. 3 highest-paying college major. The median salary is more than $122,000, according to the Bureau of Labor Statistics. Graduates are employed with companies and organizations such as NASA, Raytheon, Honeywell and Boeing. They also are scientists, astronauts, inventors and entrepreneurs.

The University of Arizona

ame.engineering.arizona.edu

COLLEGE OF ENGINEERING
Aerospace & Mechanical Engineering

## Research Without Limits

Students at all levels have ample opportunity to participate in high-profile, well-funded research.

- Aerospace technology
- Hypersonics
- Propulsion
- Space systems
- Fluid and solid mechanics
- Instrumentation
- Renewable energy
- Thermodynamics

"I've worked in Spain, Germany and Mexico, and the tools we have at the University of Arizona are absolutely incredible – the best tools, technology and interaction with professors."

**Alum Christian Davila-Peralta,** *Paramium Technologies co-inventor*

## Learning From Experience

Outside the classroom, students participate in a variety of activities to reinforce teamwork, collaboration and leadership skills.

- Paid internships with longtime industry partners
- Formal networking opportunities with faculty, alumni and industry
- Senior design projects with experienced industry mentors
- Research opportunities and field experience
- Student chapters of professional organizations, among them the American Institute of Aeronautics and Astronautics
- Student competitions and clubs, such as the Arizona Autonomous Vehicle Club, Students for the Exploration and Development of Space, and the Near Space Club

## A Place for Everyone

Various engineering clubs – American Indian Science & Engineering Society; National Society of Black Engineers; Out in Science, Technology, Engineering, and Mathematics; Society of Hispanic Professional Engineers, and Society of Women Engineers, for example – help ensure all students feel welcome and connected.

"You can probably count on one hand the universities that compete with us in terms of facilities like this. We're one of a select few."

**Jesse Little,** *associate professor*


**Recruiting and Admissions**
520.621.6032 – engr-admissions@arizona.edu

**Advising**
520.621.5754 – ramana@arizona.edu