

What to do with a degree in...

AEROSPACE ENGINEERING

A degree in Engineering, Architecture or Technology provides the knowledge and tools for problem solving. Be aware that the actual work that engineers perform will vary depending on the company and industry in which they work. Some engineers work

in a research or development capacity, while others serve in management roles. The work environment also varies, including outdoor work, work in an office setting, or a combination.

SKILLS

Aerospace engineers apply their expertise to solving problems in high-speed ground transportation, environmental pollution, and meteorology, as well as being the key

professionals in the design and manufacturing of air and space vehicles for transportation, exploration, and military purposes.

CAREER PATHS

AERONAUTICAL ENGINEER
AEROSPACE TECHNICIAN
AIRCRAFT/SPACECRAFT ENGINEER
CERTIFICATION ENGINEER
COMBUSTION ENGINEER
CONTROLS ENGINEER
DATA PROCESSING ENGINEER
DEVELOPMENTAL ENGINEER
DRAFTER
INSPECTOR AND COMPLIANCE OFFICER
LIAISON ENGINEER

MANUFACTURING ENGINEER
MISSION OR PAYLOAD SPECIALIST
OUTSIDE ENGINEERING SALES
PROJECT ENGINEER
PROPULSION ENGINEER
QUALITY CONTROL ENGINEER
STRUCTURES ENGINEER
SUPPLY CHAIN ASSOCIATE
SYSTEMS ENGINEER

WHO HIRES AEROSPACE ENGINEERING MAJORS

Airbus
American Airlines
The Boeing Company
Continental Airlines
Delta Airlines
General Dynamics
Honeywell International
Lockheed Martin

National Aeronautics and Space Administration
Northrop Gruman
Raytheon
Rockwell Collins
SpaceX
Southwest Airlines
US Air Force
US Navy



STARTING AVERAGE SALARIES

(DATA GATHERED FROM
OSU CEAT GRADUATES)

2022 - \$68,117

2023 - \$70,000

2024 - \$71,185

TIPS FOR SUCCESS IN AEROSPACE ENGINEERING

- Join a club!
- Assist with a professors research project.
- Don't be afraid to pursue leadership positions.
- Make a good habit of personal research in the field of aerospace.

GET INVOLVED ON CAMPUS

American Institute of Aeronautics and Astronautics (AIAA)
American Society of Heating, Refrigerating, and Air-Conditioning (ASHRAE)
American Society of Mechanical Engineers (ASME)
Cowboy Rocketworks (through AIAA)
Formula SAE Racing Team
OSU Mini Baja Racing Team (Cowboy Racing)
Sigma Gamma Tau

Additional Resources About Aerospace Engineering Careers:

www.aiaa.org
www.ashrae.org
www.asme.org
www.fsaeonline.com

MARKETABLE SKILLS OF AEROSPACE GRADUATES

- Technical knowledge of specific field
- Ability to problem solve
- Attention to detail
- Creativity and innovative thinking
- Strong awareness to safety issues
- Time management
- Ability to meet deadlines and work under pressure
- Commitment to keeping up to date with technical developments



For More Information About
Aerospace Engineering at OSU:

Prospective Student Services:
(405) 744-5279

Career Services:
(405) 744-3858

HireOSUGrads.com