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 manufacture of air and space vehicles for transportation, exploration, and military purposes.

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**

**CAREER PATHS**

AIRCRAFT/SPACECRAFT ENGINEER  
DATA PROCESSING ENGINEER  
INSPECTOR AND COOMPLIANCE OFFICER  
DRAFTER  
AEROSPACE TECHNICIAN  
MISSION OR PAYLOAD SPECIALIST  
PROPULSION ENGINEER  
STRUCTURES ENGINEER  
QUALITY CONTROL ENGINEER  
CONTROLS ENGINEER

**WHO HIRES AEROSPACE ENGINEERING MAJORS**

The Boeing Company  
American Airlines  
National Aeronautics and Space Administration  
Lockheed Martin  
Delta Airlines  
SpaceX  
Honeywell International  
Northrop Gruman  
Raytheon  
Southwest Airlines  
Continental Airlines  
Rockwell Collins  
Airbus  
General Dynamics  
US Air Force  
US Navy
STARTING AVERAGE SALARIES
(DATA GATHERED FROM OSU CEAT GRADUATES)
2017 - $58,600
2018 - $63,100

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)
Cowboy Rocketworks (through AIAA)
American Society of Mechanical Engineers (ASME)
Baja Racing
Formula SAE Racing

Additional Resources About Aerospace Engineering Careers:
Possible job search websites are Glassdoor, LinkedIn, Indeed, CareerBuilder
Utilize opportunities for internships and co-ops
Attempt to network with employers by going to Career Fairs in the spring and fall

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) 744-5276
Career Services: (405) 744-3858