



STEM Careers

Aerospace Engineer

Job Description: Design, develop, test and oversee the building of aircraft, spacecraft, propulsion systems and space flight mission paths.

What do Aerospace Engineers do?

- Design aeronautical and aerospace products or systems to meet customer requirements.
- Direct research and development programs.
- Design airplane wings that change shape to enhance maneuverability.
- Design satellite phone technology so that data can be sent and received from remote areas.
- Build satellites that help us monitor global climate changes from space.
- Create mathematical models or other methods of computer analysis to develop, evaluate, or modify design according to customer engineering requirements.

Your Interests:

- Are you good at math?
- Is your work detailed?
- Do you like to solve problems?
- Are you interested in how things work?
- Do you like working with computers?

Outlook: **Green Job**

Average Salary - \$45.57 hourly, \$94,780 annual

Projected Job Openings - 22,300 over the next 10 years

Education/Program of Study:

- Minimum Bachelor's Degree in Engineering

Sources:

O*NET Online

www.sciencebuddies.org

<http://astroventure.arc.nasa.gov>