



Did you know?

With the upcoming eclipse, you may be wondering what kind of careers you could go into that are related to space, physics and geology.

Jobs related to **space** include scientists, technicians, engineers, and media and communications specialists. Different levels of education are needed for different jobs.

Physics-related jobs typically require at least a bachelor's degree. Jobs include engineers, researchers, teachers, and technicians.

Jobs in **geology** include researchers, teachers, engineers, miners, and scientists. Different levels of education are required for these jobs as well.

Learn more here: www.bls.gov/careeroutlook/2016/article/careers-in-space.htm



Download brochure with links to resources



Spotlight on Local Resource

NASA Glenn Research Center

Located near Cleveland Hopkins International Airport, Glenn's main campus, Lewis Field, has world-class facilities, including wind tunnels, drop towers, vacuum chambers, and a research aircraft hangar. Established in 1941, the center employs more than 3,000 people.

You can find internships, college and pre-college experiences and other opportunities at www.stemgateway.nasa.gov/public/explore-opportunities. Make sure to filter for Ohio opportunities.

NASA Glenn Research Center
21000 Brookpark Road
Cleveland, OH 44135

nasa.gov/glenn



Let's Explore

Space, Physics and Geology



Types of Jobs / Salary Potential

The salary ranges listed are typical for Cleveland area jobs and can vary widely based on a number of factors. Learn more [here](#).

- Physicist / \$60,000 - \$158,000
- Aerospace Engineer / \$70,000 - \$191,000
- Mechanical Engineer / \$65,000 - \$190,000
- Aerospace Engineering and Operations Technician / \$70,000 - \$94,000
- Avionics Technician / \$55,000 - \$86,000
- Astronomer / \$118,000 - \$157,000
- Geologist / \$47,000 - \$127,000

Examples of Local Employers

NASA Glenn Research Center
Nextant Aerospace
Howmet Aerospace
Great Lakes Science Center

Places to look for open jobs:

- [Indeed](#)
- [LinkedIn](#)



Preparing for the Career

Local Training, Certificate & Degree Programs

Cleveland State University

- Physics
- Mechanical Engineering



Cuyahoga Community College

- STEM
- Applied Industrial Technology Manufacturing

Case Western Reserve University

- Aerospace Engineering or Mechanical Engineering
- Astronomy
- Physics
- Environmental Geology
- Geological Sciences
- Polymer Science / Macromolecular Science and Engineering

Ohio Space Grant Consortium

The Ohio Space Grant Consortium (OSGC) offers financial support through competitively awarded scholarship opportunities. To be considered for a scholarship, students must be citizens of the United States pursuing an undergraduate degree as a full-time student in a STEM-related discipline at an Ohio Affiliate member university (CSU, CWRU, Baldwin Wallace, and Tri-C are affiliated).

Opportunities for Deeper Exploration



Great Lakes Science Center

The Science Center offers a number of [volunteer](#) and paid opportunities, including [summer camp counselors](#).

Davis Aerospace and Maritime High School

Davis Aerospace and Maritim High School is a cutting-edge public school in Cleveland designed for students who wish to pursue their curiosity or passion for aerospace and maritime in a supportive environment that prepares them for college, careers and citizenship.

Zone Aviation Youth Aviator Camp

The Youth Aviator Camp is designed to give children and teens a unique opportunity to explore the vast and exciting world of aviation and aerospace. Camp is offered throughout the year at Burke Lakefront Airport.

Baldwin Wallace University STEM Discovery Camp

Dive first into engineering, physics, chemistry, and computer science at this four-day STEM camp for high school students entering junior or senior year.

Baldwin Wallace University NASA Astro Camp

Designed for grades 6-8, this camp aims to inspire life-changing goals through next generation science, math, and technology/engineering skills, all while tackling real-world mission challenges from NASA.