

ST. LOUIS REGION'S AERO CAREERS ROADMAP

4-Year Degree

If you're interested in a career in the aerospace industry, these are the programs you should consider in college to secure one the high-paying jobs below » Aerospace — Mechanical Engineering — Supply Chain Analytics — Electrical Engineering

Industrial Designers

STL Median: \$129,500

Combine art, business, and engineering to develop the concepts for manufactured products. Sample positions:

- Medical Equipment Designers
- Consumer Electronics Designers
- User Interface Designers
- Interaction Designers

Requires: Bachelor's degree plus electronic portfolio with project examples.

Outlook: 3% job growth expected in the U.S., about 2,300 openings annually.

Industrial Production Managers

STL Median: \$117,100

Oversee the operations of manufacturing and related plants. Sample positions:

- Plant Managers
- Industrial Production Managers
- Quality Control Systems Managers

Requires: Bachelor's degree plus several years of related work experience.

Outlook: 3% job growth expected in the U.S., about 17,100 openings annually.

Materials Engineers

STL Median: \$110,800

Develop, process and test materials used to create a wide range of products. Sample positions:

- Ceramic Engineers
- Composites Engineers
- Metallurgical Engineers
- Plastic Engineers
- Semiconductor Processing Engineers

Requires: Bachelor's degree in field or similar field. Completing internships and cooperative-engineering programs in school is helpful.

Outlook: 7% job growth expected in the U.S., about 1,700 openings annually.

Electrical | Electronics Engineers

STL Median: \$110,400

Design, develop, test and supervise the manufacture of electrical equipment. Sample positions:

- Electrical Engineers
- Electronics Engineers

Requires: Bachelor's degree in field plus practical experience, such as internships or cooperative engineering programs.

Outlook: 9% job growth expected in the U.S., about 19,000 openings annually.

Aerospace Engineers

STL Median: \$110,400

Design, develop, and test aircraft, spacecraft, satellites and missiles. Sample positions:

- Aeronautical Engineers
- Astronautical Engineers

Requires: Bachelor's degree in field.*

Outlook: 6% job growth expected in the U.S., about 4,200 openings annually. STL MSA has 2X more openings than other similarly sized metros.

Industrial Engineers

STL Median: \$105,500

Analyze and coordinate an organization's supply chain. Sample positions:

- Human Factors Engineers
- Manufacturing Engineers
- Validation Engineers

Requires: Bachelor's degree in field or similar field.

Outlook: 12% job growth expected in the U.S., about 25,000 openings annually.

Project Management Specialists

STL Median: \$94,000

Coordinate the budget, schedule, staffing and other details of a project.

Requires: Bachelor's degree in variety of fields, including business or project management.

Outlook: 7% job growth expected in the U.S., about 77,000 openings annually.

Mechanical Engineers

STL Median: \$90,900

Design, develop, build and test mechanical and thermal sensors and devices. Sample positions:

- Auto Research Engineers
- Heating and Cooling Systems Engineers
- Robotics Engineers

Requires: Bachelor's degree in field.

Outlook: 11% job growth expected in the U.S., about 19,800 openings annually.

Logisticians

STL Median: \$84,700

Analyze and coordinate an organization's supply chain. Sample positions:

- Logisticians
- Supply Chain Managers

Requires: Bachelor's degree plus experience in a related occupation.

Outlook: 19% job growth expected in the U.S., about 26,000 openings annually.

