

AEROSPACE FLIGHT OPERATIONS PATHWAY



Those employed in flight operations include aircraft pilots, flight engineers, flight attendants and air traffic controllers. The demand for these job positions is projected to increase as growth in world travel rises and many employed in the field are expected to retire. Job opportunities will be highest among passenger and cargo airline companies with the best job prospects being regional airlines and low-cost carriers. This pathway will introduce students to the basics of aircraft navigation and the communication methods necessary for safe aircraft operations. Additionally, students will gain a meteorological foundation for understanding the forecasting and charting of weather patterns as applied to the air transportation industry.

PATHWAY COURSES

- Fundamental of Aerospace
- Flight Operations I
- Flight Operations II

RECOMMENDED COURSES

- Any Business or Marketing Course
- Any World Language
- Any Engineering Course
- Chemistry/Physics/Environmental Science
- Human Geography

POST-SECONDARY DEGREES, DIPLOMAS, AND CERTIFICATES

- Aerospace Engineering
- Aviation Management
- Professional Flight/Aeronautics

CAREER AND TECHNICAL STUDENT ORGANIZATIONS



TOP CAREER CHOICES

Air Traffic Controllers

Associate's Degree
\$124,540 annual salary
40 annual average openings in Georgia

Airfield Operations Specialists

High School Diploma
\$44,500 annual salary
40 annual average openings in Georgia

Commercial Pilots

Bachelor's Degree preferred/commercial pilot's license required
\$111,930 annual salary
80 annual average openings in Georgia

ADDITIONAL CAREER CHOICES

Aerospace Engineers

Aircraft Cargo Handling Supervisors

Airfield Operations Specialists

Aviation Safety Specialists

Avionics Inspectors

Flight Attendants

Operations Technicians



Source: GADOE Plans of Study

<http://www.gadoe.org/Curriculum-Instruction-and-Assessment/CTAE/Pages/Georgia-Career-Pathways-New-Rule.aspx>