



Aerospace Technologies

Available at SRHS

DOE Program Structure

Grade	Course	Credit
9 th or 10 th	Aerospace Technologies 1 H & Science EQ	1
10 th or 11 th	Aerospace Technologies 2 H & Science EQ	1
11 th or 12 th	Aerospace Technologies 3 H & Science EQ	1

H=Honors Level **EQ**=Equivalent

Topics Covered

- ✓ employability skills
- ✓ power systems
- ✓ aviation electrical, mechanical, hydraulic, and pneumatic systems
- ✓ internal combustion, jet, and rocket engines
- ✓ robotics
- ✓ principles of navigation
- ✓ factors critical to aircraft performance
- ✓ principles of flight
- ✓ environmental effects on flying and spaceflight

Internship Opportunity

Students may enter an internship during their senior year with a local industry partner.

Post-Secondary Opportunity

Students may enter the Embry-Riddle Dual Enrollment program during their 11th or 12th grade year to continue their education within the aerospace field.

Articulation to be determined with IRSC.

What is Aerospace Technologies?

Aerospace Technologies is an exciting field of study that prepares students for opportunities in the aerospace and aeronautics industry. Students will learn skills in testing, assembling, repairing, maintaining or operating of aircrafts and spacecrafts.

Industry Certification

Students have the opportunity to earn multiple industry certifications, such as Aircraft Electronics Technician, Small Unmanned Aircraft Safety Certification, and Visual Line of Sight System Operator. (Subject to Change)



Career Outlook

Median wage: \$26.95 hourly/ \$57,331 annual

Median wage data collected from
Enterprise Florida

<https://www.enterpriseflorida.com/industries/aviation-aerospace/>

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