



Aviation Assembly and Fabrication

Available at VBHS

DOE Program Structure

Grade	Course	Credit
10	Private Pilot Ground School H	1
11	Aviation Assembly Technician 1 H	1
12	Aviation Assembly Technician 2 H	1
12	Aviation Assembly Technician 3 H	1

H=Honors Level

Topics Covered

- ✓ employability skills
- ✓ aviation electrical, mechanical, hydraulic, and pneumatic systems
- ✓ safety, tools, equipment, shop operations, basic engine fundamentals, and basic technician skills
- ✓ environmental effects on flying
- ✓ principles of flight and navigation
- ✓ factors critical to aircraft performance
- ✓ structural fabrication and repair
- ✓ materials used in assembly and repairs

Internship Opportunity

Students may enter a paid internship during their senior year at a local dealership or industry partner.

Internship Opportunity

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

Articulation to be determined with IRSC

What is Aviation Assembly and Fabrication?

Aviation Assembly and Fabrication is an exciting field of study that prepares students for opportunities in the rapidly growing field of aviation. Students will learn skills in testing, assembling, repairing, maintaining or operating aircraft.



Industry Certification

Students have the opportunity to earn FAA Ground School and the FAA Aviation Maintenance Technician – General



Aircraft Mechanics and Service Technicians

Median wage: \$26.10 hourly/ \$50,100 annual

Median wage data collected from Florida Department of Economic Opportunity - WESR

"Educate and inspire every student to be successful"

Dr. Mara Schiff • Jacqueline Rosario • Laura Zorc • Teri Barenborg • Tiffany M. Justice
District 1 District 2 District 3 District 4 District 5

"To serve all students with excellence"
Equal Opportunity Educator and Employer