



LIBERTY HIGH SCHOOL AEROSPACE

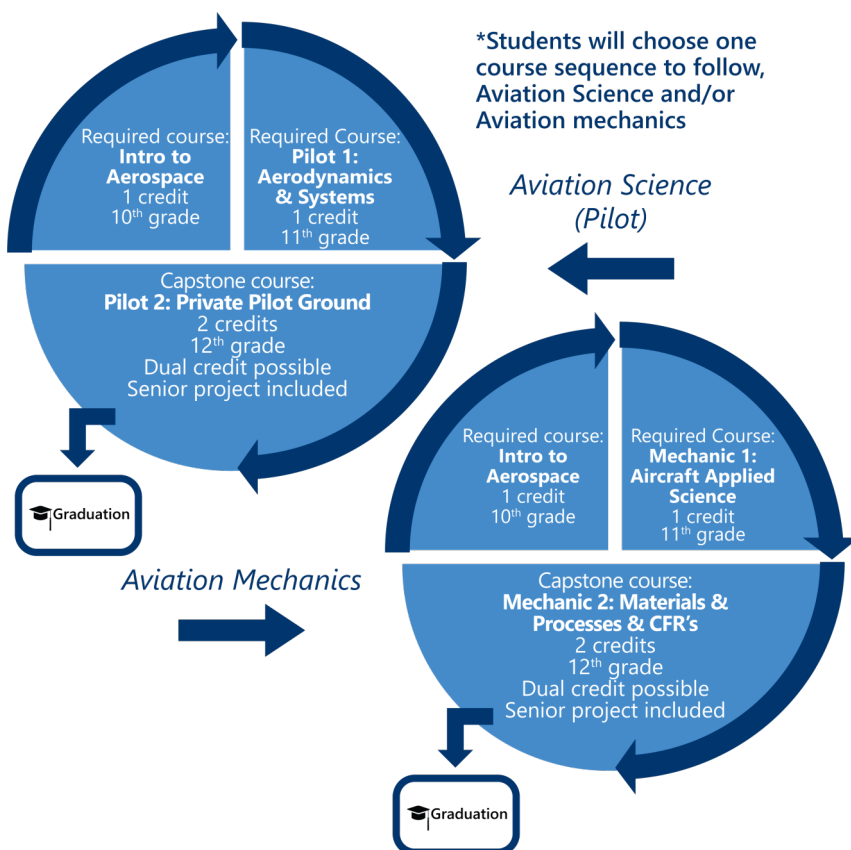
INSTRUCTORS:
BLAKE BROWN
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For students interested in:

- Aerospace
- Airplane mechanics
- Airplane design
- Flying aircraft
- Engineering
- Travel
- Computer Science
- Automotive

SEQUENCE OF COURSES

Please refer to HSD course catalog for more information



PATHWAY TEACHES

STUDENTS TO:

- Exercise decision-making, teamwork, leadership & communication skills
- How to inspect & repair aircraft through hands-on training
- Be an active participant in learning about airplane navigation & flight planning
- Understand the aerodynamic forces on airborne & stationary objects
- Understand concepts such as lift, thrust, drag, stability control, weight & balance as applied to aviation
- Learn about aircraft design & testing

CAREER POSSIBILITIES & SALARY RANGES

• Commercial Pilot	\$40,000 - \$247,000
• Aircraft Mechanic	\$45,000 - \$150,000
• Aerospace Engineer	\$68,173 - \$165,000
• Charter Pilot	\$82,652 - \$117,031
• Helicopter Pilot	\$80,566 - \$122,173
• Mechanical Engineer	\$63,400 - \$150,590
• Drone Pilot	\$62,000 - \$70,000

**Salaries vary greatly depending on career experience, education, job location, employer and other factors. Salary should be just one consideration in the career decision-making process.*

SOME LOCAL COLLEGES & MAJORS

- **PCC**- Associate of Applied Science: Aviation Maintenance Technology or Aviation Science
- **OSU**- Bachelors of Science: Mechanical Engineering, minor in Aerospace Engineering
- **U of P**- Bachelors of Science: Mechanical Engineering
- **U of O**- Bachelors of Science: Mechanical Engineering
- **University of Washington**- Bachelors of Science: Aeronautical & Astronautical Engineering
- **Lane CC**- Associate of Applied Science: Aviation Maintenance Technician, Commercial Unmanned Aerial Systems or Flight Technology. Career Pathways Certificate: Commercial Unmanned Aerial Systems. Two-year Certificate: Aviation Maintenance Technician

To learn more about career and college opportunities, make an appointment with your counselor 503-844-1250

POTENTIAL LOCAL EMPLOYERS

- Southwest Airlines
- Alaska Airlines/ Horizon Air
- United Airlines
- American Airlines
- Delta Airlines
- Hillsboro Airport
- Boeing
- Air National Guard
- SkyWest

CLUBS & PROFESSIONAL ORGANIZATIONS:

- Airway Science For Kids
- Portland Metro Aviation & Flying Club
- Oregon Pilots Association
- AOPA
- EAA
- Ninety-Nines
- Women in Aviation