

Start your career path in Aviation today!

Aeronautical Science Pathway

a program for High School Juniors and Seniors
in the Puget Sound Region

Earn high school
and college credit

FREE!

while taking a full
schedule at your resident
high school if you
choose.

A fast track to a
high demand career
as a Professional
Pilot or in a field of
Aviation Operations
Management!

Course Dates:

September 6, 2017 to June 21, 2018

One full year; follows Highline Public Schools' schedule.

Meeting Times:

Monday through Thursday | 3:45 to 6 p.m.

In-class with additional 3.5 hours per week of online learning

Course Credit:

High School: 3.0 credits/year

recorded on a transcript by Puget Sound Skills Center in the Highline School District. A copy of your transcript will then be forwarded to your resident high school.

College: 30 credits/year

earned through Green River College (GRC). Students must attend the **entire year** to be eligible for college credits.

Description:

The Aeronautical Science Pathway (ASP) program is designed for high school juniors and seniors who want to become **Professional Pilots** or work in one of many Aviation Operations Management fields, such as **Unmanned Aerial Systems, Air Traffic Control, Airline or Airport Management, or Airline Dispatch.**

Six college level courses will be embedded within each year-long course, *all which are core to earning an Associate and a Bachelor of Applied Science degree in Aeronautical Science at Green River College.* In addition to academic/technical content, this course includes a strong leadership component. Students will learn how to best prepare for job interviews, how to work most effectively in teams and assume key leadership roles, and how to successfully participate in competitive events. Mentoring by industry leaders and connection to internship experiences, as well as scholarship opportunities to continue post-high school education and flight training, will be key benefits of the program. And, there will be lots of opportunities to participate in aviation events and meet leaders in the industry!

See reverse side of this flyer for a list of college courses embedded in the ASP program.

Location:

The Museum of Flight

9404 E. Marginal Way South, Seattle, Washington 98108

Note: Students enrolled in this program must provide their own transportation to and from The Museum of Flight.

Located on Boeing Field and surrounded by more than 200 aviation-related businesses and organizations, the Museum is an ideal location for this aviation course. The Museum itself is an unparalleled learning laboratory with iconic aircraft, flight simulators, a space gallery, a career center, and over 200 volunteers who serve as docents—all with rich backgrounds as pilots, engineers, astronauts, innovators, scientists, flight attendants and crew members, airline and airport managers, educators, and in other related fields.

Imagine the value of being immersed in an environment that includes all this and more—one that makes learning relevant and applicable and simply could not be matched by any other institution of learning. And...it's an inspiring and fun place to be!

How to Register:

Enrolled in the Highline, Tahoma, Tukwila, or Federal Way School Districts?

Contact your school counselor to register through the Puget Sound Skills Center.

School district not listed above?

Please complete the online ASP Student Inquiry form at: museumofflight.org/asp.

Questions?

Emily Thatcher, Project Manager
Boeing Academy for STEM Learning

206.764.0276 or ETHatcher@museumofflight.org
or visit museumofflight.org/asp

If you plan on taking Running Start classes in addition to ASP, please contact Emily Thatcher to determine eligibility.

College Courses in ASP Program

| | | |
|----------------------|--|-----------|
| ASPI | FIRST SEMESTER | Credits |
| | AVIA 103: Aviation History and Careers | 5 |
| | AVIA 109: Intro to Unmanned Aerial Systems | 5 |
| | AVIA 111: Private Pilot Ground School | 5 |
| | SECOND SEMESTER | Credits |
| | AVIA 112: Aircraft Systems | 5 |
| | AVIA 123: Aviation Weather/Meteorology | 5 |
| | AVIA 129: Unmanned Vehicle Basics | 5 |
| Total credits | | 30 |
| ASP II* | FIRST SEMESTER | Credits |
| | AVIA 211: Aerodynamics for Pilots | 5 |
| | AVIA 217: Aviation Security | 5 |
| | AVIA 270: Air Traffic Control | 5 |
| | SECOND SEMESTER | Credits |
| | AVIA 110: Airline Operations | 5 |
| | AVIA 212: Aviation Safety & Human Factors | 5 |
| | AVIA 214: Airport Management | 5 |
| Total credits | | 30 |
| Grand Total | | 60 |

*Prerequisite for ASP II: Successful completion of a Private Pilot Ground School class.

Additional Options for Earning College Credit

| | |
|-----------------------|--|
| ASPI and ASP II | AP, IB and/or Cambridge courses - <i>Must pass the course exams.</i> |
| | Summer School Classes at GRC |

Green River College Credit Requirements

Please note: Each degree has specific requirements which must be met to graduate. Classes may or may not transfer to other colleges.

Associate of Applied Science degree in:

- Commercial Pilot
 - Fixed Wing Pilot Option - 104 credits
 - Rotor Wing Pilot Option - Not accepting new students
- Airport Management - 90 credits
- Air Traffic Control - 93 credits
- Airline Dispatch - 93 credits
- Unmanned Aerial Systems - 90 credits

Bachelor of Science in Aeronautical Science: 180 credits