

2018 - 2019 School Profile

## Our School

Raisbeck Aviation High School is a College Preparatory high school in the Highline Public School District. Founded in 2003 as the premier public high school of choice for students in Washington, we serve 410 students from over 25 school districts in the greater Puget Sound Region who wish to pursue their passion for aviation and aerospace in a learning environment that prepares them for higher education, citizenship and work. With 45 different courses taught by 19 professional certified staff members, RAHS offers a project-based learning environment that prepares students for STEM professions.

## Our Mission

To prepare all students for college, career, and citizenship through a personalized, rigorous, and relevant learning experience that is facilitated in the context of aviation and aerospace.

## Academic Programs

All students at Raisbeck Aviation High School are expected to complete a demanding course of studies over their four years, including at least one Advanced Placement course. Staff members hold students to high academic standards, preparing them for the rigors of college life and STEM careers.

Highlights of our Academic Program:

- Teachers and students engage in authentic, in-depth learning experiences in the context of real-world aviation and aerospace. Learning occurs in a coherent manner through challenging inquiry and project-based curriculum and opportunities such as working with the Port of Seattle on the Environmental Challenge and partnering with industry mentors on the Heat Shield Project.
- Throughout their four years at RAHS, students become immersed in valuable Foundational Skills for Success that support their bright and viable future – including time and self-management, problem solving, teamwork, critical thinking, organization, and effective communication.
- Students, teachers and other stakeholders spend time together in a joint intellectual effort. Teachers plan and learn together through professional development. Students and teachers exercise choice and make decisions in all elements of school life.
- Learning takes place inside the school and out, in cooperation with community, business and higher education partners. Partnerships provide human talent, facilities, technology and other resources necessary to prepare students for the ever-changing world of work and education. Partners include the Museum of Flight, The Boeing Company, Alaska Air Group, Raisbeck Engineering, Blue Origin, The Port of Seattle, and many others.
- Students have the opportunity to take college level courses through UW in the High School as well as Advanced Placement courses.
- The mentoring program at RAHS is a hallmark of our success. Students are matched with an industry mentor during their sophomore year; this mentor provides valuable advice, experience and opportunities to assist students in their future endeavors.
- Students may apply for internships during their junior and/or senior year. Upon completion, students have gained valuable industry skills that are applicable to their future.
- All students in 9<sup>th</sup> - 10<sup>th</sup> grade are expected to complete the PSAT and 11<sup>th</sup> grade to complete the SAT Assessments, on campus.

## *The Sky is NOT the Limit*

**Therese Tipton**  
*Principal*

**Jacob Savishinsky**  
*School Dean*

**Katie Carper**  
*Counselor*

**Grades:** 9-12

**Student Count:** 410

**Median Class GPA:** 3.75

### **Accreditation:**

Northwest Association of  
Accredited Schools

### **Grading and Ranking:**

4.0 out of 4.0 Unweighted GPA

A = 4.0

B = 3.0

C = 2.0

D = 1.0

F = 0.0

W = Withdrawal

P = Pass

Grades are based on a  
traditional 60 - 100% scale

### **Advanced Courses Offered:**

- AP Physics C
- AP Chemistry
- AP Calculus AB
- AP Calculus BC
- AP Language
- AP Literature
- AP US History
- AP Spanish Lang
- UW in the HS English
- UW in the HS Astronomy

## Graduation Requirements

All students in the class of 2020 must earn a minimum of 23 credits to graduate. Beginning with the class of 2021, students must earn a minimum of 24 credits to graduate. All students are required to complete a minimum of 40 hours of Community Service. 9<sup>th</sup> grade students are required to take Aviation Careers and Introduction to Robotics along with their core courses. In addition, all students commit to taking at least one AP class during their time at RAHS.

A range of elective courses are available to students including 4 years of World Language, Unmanned Aerial Systems, History of Aircraft Design, Photo Journalism, Leadership, Yearbook, Flight by Design, Astronomy, Current Events, Aerospace Engineering, CAD Engineering, and Computer Programming.

## College Planning and Preparation

Ensuring all students are well prepared to attend the college of their choice is a trademark of Raisbeck Aviation High School. The college-planning program at RAHS is student-centered, comprehensive, and embedded in the design and daily operations of the school. Requirements align with Washington State College Admissions.

Weekly Advisory time provides all students the opportunity to participate in college and career planning activities. During the student's four years at RAHS, they will finalize their personal High School and Beyond Plan, use individual interest surveys to consider options for their future, and complete research on apprenticeships, technical programs, and two and four-year colleges.

- Junior and Senior students attend college admissions panels and a college admission basics presentation
- Junior students participate each year in the college admission seminar on such topics as essays, college selection, financial aid, and SAT/ACT/Subject tests.
- Sophomores attend yearly Field Trips to destinations such as the University of Washington Aerospace Engineering Department
- All Freshmen complete the Aviation Careers course
- All students attend an annual College Fair
- Our Annual Financial Aid Night covers FAFSA, CSS Profile, and WASFA
- College Admissions personnel from all over the US are frequent visitors to campus to present to students and families

## Extra-Curricular Activities

All students at RAHS have the opportunity to participate in a variety of "Sports of the Minds" teams and other extra-curricular clubs.

- Award winning Science Olympiad Team
- National Champion Green Energy/Solar Car Team
- Phoenix Force Robotics Team
- State and National level Speech and Debate Team
- The Aviation Career Experience (ACE)
- American Institute of Aeronautics and Astronautics (AIAA)
- Championship International Space Settlement Design Team
- Interact Club
- National Honor Society
- Key Club

## School Recognitions and Honors

US News and World 2018 Report Gold Status #3 High School in Washington; #126 out of more than 24,000 schools in the US.

In 2019, 90 percent of RAHS juniors and seniors took 371 Advanced Placement exams.

The Class of 2019 graduated 100% of students, 96% of whom met College Readiness standards. 59 Graduates in the Class of 2019 are Washington Honor Recipients, placing them in the top 10% of all graduates in the state. 15 graduates earned the Seal of Bi-literacy. 2019 Graduates earned over \$3.4 million in scholarships and performed over 8,800 hours of community service in their four years.

**PSAT Mean Score:** 1159

**SAT Mean Score:** 1207

### ACT Average:

English	27.4
Math	26.4
Reading	26.7
Science	26.6
Composite	27.0

### Smarter Balanced State Assessment:

ELA	97% Pass
Math	80% Pass

### AP Avg. Test Scores:

AP Lang	3.3
AP Lit	4.1
AP US History	3.2
AP Calc AB/Subs	3.3
AP Calc BC	3.8
AP Spanish	4.0
AP Physics 1	2.1
AP Physics 2	2.6
AP Chemistry	3.1

### National Merit Scholars:

Semifinalists:	2
Commended:	5

### Students Attending:

Two-Year College:	14%
Four-Year College:	83%
Military/Academy:	3%

### Demographics:

American Indian or Alaska Native	0.50%
Asian	27.00%
Black or African American	13.00%
Hispanic	10.00%
Native Hawaiian or Other Pacific Islander	0.50%
Two or More Races	5.00%
White	44.00%

### Free & Reduced Lunch:

21.7%