

2020-2021 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 the Greater Seattle area, we serve 410 students from over 25 school districts in the 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 careers. With 45 different courses taught by 20 professional certified staff members, RAHS offers a project-based learning environment that prepares students for their STEM future.

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 10th grade are expected to complete the PSAT and in 11th 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: 3.74

Accreditation:
Association of Educational Service Districts (AESD) State of Washington

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 2
- AP Env. Science
- AP Calculus AB
- AP Calculus BC
- AP Language
- AP US History
- AP Spanish Lang
- UW in the HS English
- UW in the HS Astronomy

Graduation Requirements

All students must earn a minimum of 24 credits to graduate. All students are required to complete a minimum of 40 hours of Community Service. 9th grade students are required to take Aviation Careers and Introduction to Robotics Programming 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, Aviation Photography, Aviation Theater, Leadership, Yearbook, Flight by Design, Robotics, Astronomy, Digital Electronics, Aerospace Engineering, CAD Engineering, Computer Programming, Aviation Business, Aviation Economics and Entrepreneurship.

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 and explore the Museum of Flight
- 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
- Two-time 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
- Service Clubs – Interact and Key Club
- National Honor Society
- Black Student Union
- Women in Aviation International

School Recognitions and Honors

US News and World 2019 Report Gold Status #3 High School in Washington; #105 out of more than 24,000 schools in the US.

In 2021, 116 of RAHS juniors and seniors took 173 Advanced Placement exams. The Class of 2021 graduated 100% of our students, 93% of whom met College Readiness standards as identified by ACT. 29 Graduates in the Class of 2021 are Washington Honor Recipients, placing them in the top 10% of all graduates in the state. 20 graduates earned the Seal of Bi-literacy. 2021 Graduates earned over \$4.3 million in scholarships and performed over 8300 hours of community service in their four years of high school.

PSAT Mean Score: 1119

SAT Mean Score: 1180

ACT Average (2019):

English	29.5
Math	28.4
Reading	28.8
Science	27.5
Composite	28.7

Smarter Balanced State Assessment (2019):

ELA	97% Pass
Math	80% Pass

AP Avg. Test Scores:

AP Lang	3.3
AP US History	2.9
AP Calc AB/Subs	3.2
AP Calc AB	2.9
AP Calc BC	2.8
AP Spanish	4.0
AP Physics 2	1.7
AP Env. Sci	2.8

National Merit Scholars:

Semifinalists:	2
Commended:	3

Students Attending:

Two-Year College:	15%
Four-Year College:	76%
Military/Academy:	6%
Undecided	3%

Demographics:

American Indian or Alaska Native	1%
Asian	27%
Black or African American	13%
Hispanic	15%
Native Hawaiian or Other Pacific Islander	1%
Two or More Races	9%
White	34%

Free & Reduced Lunch:

28%