

	Vaughn College of Aeronautics and Technology
	Aviation Department
	Bachelor of Science in Aircraft Operations
December 20,2024	

Aviation Department Mission Statement

The Vaughn aviation department team, through education, research, and outreach programs, will develop highly desired graduates and thought leaders who will serve as a positive force in aviation and the world.

Aviation Program Educational Objectives

Our goal is to:

1. **Develop aviation professionals with exceptional knowledge, skills, and values.** Graduates will be highly educated, technically proficient, safety-oriented and business-minded.
2. **Develop aviation professionals that advance global aviation.** Graduates will have a global perspective and embrace diverse cultures and ideas. Graduates will recognize historical trends, current issues and emerging opportunities.
3. **Develop aviation professionals that aspire to lead.** Graduates will champion integrity, cultivate professional and personal growth opportunities, subscribe to a philosophy of lifelong learning and lead by serving others.

Aircraft Operations, Bachelor’s Degree Student Learning Outcomes

Students graduating from the aircraft operations, bachelor’s program will:

1. Conduct aviation operations in a professional, safe and efficient manner.
2. Describe historical trends, current issues and emerging opportunities in aviation.
3. Apply effective oral and written communication skills to function effectively in the aviation environment.
4. Articulate the value of integrity, lifelong learning and building diverse teams in serving and leading others.
5. Possess the necessary knowledge, skills, and attitude to competently and ethically function as a professional pilot in the aviation industry.

Comprehensive Assessment Plan

A comprehensive assessment plan is written and implemented by the aviation faculty and staff of Vaughn College. Systematic direct and indirect assessment tools enable continuous improvement in student learning outcomes, curriculum mapping, measurement methodology, results reporting, and action plan development. Assessment activities include:

Assessment Activity	Schedule
Aviation Faculty	August
Aviation Staff Meetings	Monthly
Academic Assessment Data Collection	Continuous
Student Admission Data Collection	Fall, Spring
Aviation Industry Advisory Board Meetings	Fall, Spring
Evaluate Course and Instructor Student Evaluations	Fall, Spring
Student Graduation Surveys	Fall, Spring
Aviation Assessment Focus Meeting	May
Faculty Annual Course Assessments	May
Office of Academic Assessment Annual Report	July

Graduation Rates

Initial Term	FR Cohort (full-time)	First-term retention rate	4-year graduation rate	6-year graduation rate
2015	18	66.67% (12)	16.67% (3)	22.22% (4)
2016	28	75% (21)	25% (7)	50% (14)
2017	36	77.78% (28)	19.44% (7)	*
2018	66	74.24 (49)	19.70% (13)	1.52% (1)
2019	49	75.51% (37)	2.44% (1)	*
2020	40	80% (32)	*	*
2021	22	86.38 (19)	*	*
2022	38	63.16% (24)	*	*
2023	37	83.78% (31)	*	*
2024	64	*	*	*

Degrees Conferred–BS Aircraft Operations

Graduation Year	May	August	December	Total Awarded
2015	8	2	3	13
2016	0	0	1	1
2017	0	0	2	2
2018	0	1	2	3
2019	2	0	0	2
2020	1	1	3	5
2021	4	1	2	7
2022	1	1	1	3
2023	2	0	0	2

Job Placement

Aircraft Operation graduates typically begin their professional pilot careers as Certified Flight Instructors, building valuable experience and flight time (R-ATP). Once graduates meet airline hiring minimums, they typically (subject to airline hiring needs) begin their careers at a regional airline such as (but not limited to) Atlas Air, Heritage Flight Academy, Endeavor Air, Envoy Air, Mesa, Tradewinds, Republic Airways or PSA Airlines, either directly or through a mainline carrier pathway program (e.g., Atlas Air, Republic). Non-CFI graduates build time as commercial pilots before joining a regional airline or tracking towards careers in business aviation. Graduates may also elect to serve and fly in the military (all branches)—either active duty, reserve or guard.

Employment (and graduate enrollment) Success Rates

Description	2021	2022	2023
Aircraft Operation overall success rate (number of students securing employment or graduate enrollment/number of students indicating that they were seeking employment or graduate enrollment)	4	3	3

Why We're Nonprofit

As a nonprofit (not-for-profit) college, Vaughn is in the business of training skilled professionals to make a difference in the world—not gaining profit, revenue, or producing dividends for shareholders. In keeping with our commitment to your education, we invest our resources back into degree programs and into your student experience.

While many other colleges have raised tuition, **Vaughn has been able to keep costs low as a nonprofit college and has only moderately increased tuition when necessary.** Lower tuition means less student loan debt for students.

For Vaughn College, nonprofit is more than a status; it is a valuable opportunity to invest in the lives of students who will go out and impact the world.