

AABInternational

Farmingdale State College <small>State University of New York</small>	Farmingdale State College School of Engineering Technology
	BS in Aeronautical Science: Professional Pilot
Fall 2022	Student Achievement Data COMPLIANCE WITH AABI POLICY 3.4.2

The professional pilot program provides training for entry-level pilot positions within the air transportation industry. Opportunities also exist in Federal/State Government, Corporate/Business Aviation sectors and the United States Military.

Program Educational Goals

Our goal is to:

- Be a premier collegiate aviation program providing access to a high-quality education leveraging our location in complex airspace and all-weather conditions.
- Produce graduates that possess the necessary knowledge, skills and attitudes to competently and ethically function as professional pilots in all segments of aviation.
- Provide a flight training environment that develops the skills needed to build and promote a culture of safety.
- Maintain a low student-to-faculty ratio for a diverse student body.

Registration Statistics

Year (<i>Accumulated credits</i>)*	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021	Fall 2022*
First year students (0 - <30)	24	13	12	28	30	10
Second year students (30 - <60)	29	19	10	14	25	15
Third year students (60 - <90)	23	25	13	8	15	20
Fourth year students (=>90)	22	24	39	29	14	15
Totals	98	81	74	79	84	60

*These counts include first-time/full-time, transfer, and continuing students. There are an additional 10 students registered part-time.

Graduation Rates (first-time, full time degree-seeking students)

Began degree program in Fall 2015	18
Earned degree in <i>initial</i> (pro pilot) program by 8/31/2021	5
6-year graduation rate	27.8%
Earned degree in another degree program* by 8/31/2021	8
6 year graduation rate (all programs combined-total=13)	72.2%

*7 - Aviation Administration and 1 - Science, Tech & Society

Survey Results of Aeronautical Science: Professional Pilot Graduates

The Professional Pilot degree program prepares graduates for a variety of employment opportunities as a pilot. Our Letter of Agreement with the FAA enables our graduates to qualify for a restricted Airline Transport Pilot (R-ATP) at 1000 hours, rather than the standard 1500 hours, enabling students to be hired as an airline’s first officer sooner.

Upon graduation, students were asked to rate the following skills on a scale of 1 – 5. Below are the results of the survey taken by graduates from spring 2020 through the spring 2021 semesters with the score given before each skill:

“As a result of earning an aviation degree at Farmingdale State College, would you agree that you are able to”:

(5 = strongly agree; 4 = agree; 3 = neither agree nor disagree; 2 = disagree; 1 = strongly disagree)

- 4.00 apply mathematics, science, and applied sciences to aviation-related disciplines
 - 4.67 analyze and interpret data
 - 4.82 work effectively on multi-disciplinary and diverse teams
 - 4.82 make professional and ethical decisions
 - 4.82 communicate effectively, using both written and oral communication skills
 - 4.82 engage in and recognize the need for life-long learning
 - 4.67 assess contemporary issues
 - 4.82 use the techniques, skills and modern technology necessary for professional practice

 - 4.82 assess the national and international aviation environment
 - 4.82 apply pertinent knowledge in identifying and solving problems
 - 4.82 apply knowledge of business sustainability to aviation issues

 - 4.67 if I could start all over, I would enroll in this program again
-

Students were asked:

Did the Aeronautical Science: Professional Pilot degree program adequately prepare you for a career in aviation?:

Yes	83%
No	0%
Not sure	17%

Are you Currently Employed?

Yes, full time in the aviation industry	50.0%
-	33.3%
Yes, part time in the aviation industry	
-	16.7%
Yes, full time in another field	
-	0.00%
Yes, part time in another field	
-	0.00%
No, I am not employed	
-	0.00%
No, I am currently pursuing an advanced degree	0.00%

What is your current salary? (Results posted included both full time and part-time employment)

Under \$10,000	0.00%
-	50.0%
\$10,001 - 20,000	
-	33.3%
\$20,001 - 30,000	
-	16.7%
\$30,001 - 40,000	
-	16.7%
40,001 - 50,000	

Our Professional Pilot graduate placements over the last five years include:

- Certified Flight Instructor
- Island Aerial Advertising
- Airline Pilot
- Charter Pilot
- Corporate Pilot
- Banner Tow-plane Pilot
- Federal Aviation Administration
- Aviation Safety Inspector
- Traffic Watch Pilot
- Air Ambulance Pilot
- Air Traffic Controller
- Armed Forces

2017-2022* FSC PILOT LICENSURE PASS RATES			
2017	Private Pilot Certificate	Instrument Rating	Commercial Pilot Certificate
1st Attempt Pass Rate	100% (13/13)	100% (12/12)	100% (10/10)
2nd Attempt Pass Rate	0% (0/1)	N/A	N/A
2018	Private Pilot Certificate	Instrument Rating	Commercial Pilot Certificate
1st Attempt Pass Rate	85% (11/13)	94% (17/18)	100% (13/13)
2nd Attempt Pass Rate	100% (2/2)	100% (1/1)	N/A
2019	Private Pilot Certificate	Instrument Rating	Commercial Pilot Certificate
1st Attempt Pass Rate	92 % (12/13)	92 % (12/13)	100% (19/19)
2nd Attempt Pass Rate	100% (1/1)	0% (0/1)	N/A
2020	Private Pilot Certificate	Instrument Rating	Commercial Pilot Certificate
1st Attempt Pass Rate	89% (8/9)	80% (4/5)	100% (7/7)
2nd Attempt Pass Rate	100% (1/1)	100% (1/1)	N/A
2021	Private Pilot Certificate	Instrument Rating	Commercial Pilot Certificate
1st Attempt Pass Rate	75% (6/8)	88% (14/16)	100% (7/7)
2nd Attempt Pass Rate	100% (2/2)	100% (2/2)	N/A
*Spring Semester 2022	Private Pilot Certificate	Instrument Rating	Commercial Pilot Certificate
1st Attempt Pass Rate	80% (4/5)	88% (7/8)	83% (5/6)
2nd Attempt Pass Rate	100% (1/1)	100% (1/1)	0% (0/1)

The Aviation Department practices ongoing assessment to ensure the degree programs remain relevant in the dynamic aviation industry and to enable continuous improvement. The assessment plan our formalized process.