

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 2021	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, affordable 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
First year students ($0 - <30$)	24	13	12	28	30
Second year students ($30 - <60$)	29	19	10	14	25
Third year students ($60 - <90$)	23	25	13	8	15
Fourth year students (≥ 90)	22	24	39	29	14
Totals	98	81	74	79	84

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

Includes graduation data from 8/25/2021-this data is still preliminary and subject to change.

**Survey Results of Aeronautical Science: Professional Pilot Graduates
Spring 2020 – Spring 2021**

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, 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
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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

2013 2021 FSC PILOT LICENSURE PASS RATES					
Year	Private Pilot Certificate	Instrument Rating	Commercial Pilot Certificate	Multi Engine Add On	Flight Instructor Certificate
2013					
1st Attempt Pass Rate	92% (11/12)	93% (14/15)	86% (12/14)	71% (5/7)	78% (7/9)
2nd Attempt Pass Rate	100% (1/1)	100% (1/1)	100% (2/2)	100% (2/2)	100% (2/2)
2014					
1st Attempt Pass Rate	90% (19/21)	88% (15/17)	100% (12/12)	67% (2/3)	89% (8/9)
2nd Attempt Pass Rate	100% (2/2)	100% (2/2)	N/A	100% (1/1)	100% (1/1)
2015					
1st Attempt Pass Rate	93% (14/15)	100% (15/15)	94% (15/16)	100% (8/8)	71% (5/7)
2nd Attempt Pass Rate	100% (1/1)	N/A	0% (0/1)	N/A	100% (2/2)
2016					
1st Attempt Pass Rate	92.8% (13/14)	100% (13/13)	100% (13/13)	100% (9/9)	100% (10/10)
2nd Attempt Pass Rate	100% (1/1)	N/A	N/A	N/A	N/A
2017					
1st Attempt Pass Rate	100% (13/13)	100% (12/12)	100% (10/10)	88% (7/8)	90% (9/10)
2nd Attempt Pass Rate	0% (0/1)	N/A	N/A	100% (1/1)	100% (1/1)
2018					
1st Attempt Pass Rate	85% (11/13)	94% (17/18)	100% (13/13)	92% (12/13)	80% (8/10)
2nd Attempt Pass Rate	100% (2/2)	100% (1/1)	N/A	100% (1/1)	100% (2/2)
2019					
1st Attempt Pass Rate	92 % (12/13)	92 % (12/13)	100% (19/19)	100% (8/8)	33% (1/3)
2nd Attempt Pass Rate	100% (1/1)	0% (0/1)	N/A	N/A	100% (2/2)
2020					
1st Attempt Pass Rate	89% (8/9)	80% (4/5)	100% (7/7)	100% (10/10)	100% (7/7)
2nd Attempt Pass Rate	100% (1/1)	100% (1/1)	N/A	N/A	N/A
2021					
1st Attempt Pass Rate	75% (3/4)	83% (5/6)	100% (4/4)	33% (1/3)	100% (2/2)
2nd Attempt Pass Rate	100% (1/1)	100% (1/1)	N/A	100% (2/2)	N/A
Note: Students may choose to earn either a Multi-Engine -or- Flight Instructor Certificate to satisfy degree requirements					
2020 data is from 1/1/20 to 06/30/20					

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](#) outlines our formalized process.