**AAB**International

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| /Users/bouched/Desktop/Design References/Logos/fsc-logo/fsc-logo-rgb.jpg | **Farmingdale State College**  School of Engineering Technology |
|  | **BS in Aeronautical Science: Professional Pilot** |
|  |  |
| Fall 2019 | **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 (*Accumulated credits*) | Fall  2013 | Fall  2014 | Fall  2015 | Fall  2016 | Fall  2017 | Fall  2018 |
| First year students (*0 - <30*) | 45 | 34 | 29 | 34 | 24 | 13 |
| Second year students (*30 - <60*) | 30 | 35 | 30 | 30 | 29 | 19 |
| Third year students (*60 - <90*) | 23 | 21 | 24 | 26 | 23 | 25 |
| Fourth year students (*=>90*) | 16 | 23 | 24 | 24 | 22 | 24 |
| Totals | 114 | 113 | 107 | 114 | 98 | 81 |

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

|  |  |
| --- | --- |
| Began degree program in Fall 2012 | 21 |
| Earned degree in ***initial*** (pro pilot) program by 8/31/2017 | 7 |
| 6-year graduation rate | 33% |
|  |  |
| Earned degree in another degree program by 8/31/2017 | 5 |
| 6-year graduation rate | 57% |

**Fall 2013 – Spring 2019 Pilot licensure Pass Rates**



**Survey Results of Aeronautical Science: Professional Pilot Graduates**

**Fall 2016 – Spring 2018**

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”:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 4.75 apply mathematics, science, and applied sciences to aviation-related disciplines |  |  |  |  |  |  |  |
| 4.25 analyze and interpret data |  |  |  |  |  |  |  |
| 4.25 work effectively on multi-disciplinary and diverse teams |  |  |  |  |  |  |  |
| 4.25 make professional and ethical decisions |  |  |  |  |  |  |  |
| 4.25 communicate effectively, using both written and oral communication skills |  |  |  |  |  |  |  |
| 4.63 engage in and recognize the need for life-long learning |  |  |  |  |  |  |  |
| 4.0 assess contemporary issues |  |  |  |  |  |  |  |
| 4.5 use the techniques, skills and modern technology necessary for professional  practice |  |  |  |  |  |  |  |
| 4.25 assess the national and international aviation environment |  |  |  |  |  |  |  |
| 4.25 apply pertinent knowledge in identifying and solving problems |  |  |  |  |  |  |  |
| 4.0 apply knowledge of business sustainability to aviation issues  3.0 if I could start all over, I would enroll in this program again |  |  |  |  |  |  |  |

**Are you Currently Employed?**

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| --- |
|  |
| Yes, full time in the aviation industry | 66.7% |
| –  Yes, part time in the aviation industry | 33.3% |
| –  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% |
| –  $10,001 - 20,000 | 33.3% |
| –  $20,001 - 30,000 | 33.3% |
| –  $30,001 - 40,000 | 11.1% |
| –  40,001 - 50,000 | 11.1% |

Our Professional Pilot graduate placements include:

* Certified Flight Instructor
* Island Aerial Advertising
* Take Flight Aviation
* 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

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](https://www.farmingdale.edu/engineering/avn/pdf/assessment-plan-pilot.pdf) outlines our formalized process.