





Pathway to Excellence in

AVIATION

ADMISSIONS & PROGRAM INFORMATION

Bachelor of Science in Aeronautical Science: Professional Pilot
Bachelor of Science in Aviation Administration

Farmingdale State College

REIMAGINE WHAT'S POSSIBLE

Bachelor of Science in Aeronautical Science: Professional Pilot

Fall Semester Only

APPLICATION DEADLINE

January 15/Supporting documents due February 1

The highly selective Professional Pilot program provides training for entry-level pilot jobs within the air transportation industry. Opportunities exist in the major airlines, Federal/ State Government, Corporate/Business Aviation sectors, and the United States Military.

Admissions – Professional Pilot[1]

First Year

- Algebra II regents exam 70% or higher
- Minimum High School GPA of 90
- Precalculus and Physics required

High School Students

- Core GPA: 40%
- Physics Grade: 15%
- Precalculus Grade: 15%
- Rigor of Courses: 20%
- Algebra II Regents/Grade Average: 10%

Transfer Students

- Minimum Cumulative GPA of 3.0
- College Precalculus
- Students who hold above a private pilot license will not be considered

Current Student Curriculum Change

- Must meet all transfer requirements
- Please see aviation dept for deadlines

[1] Completion of these minimum requirements does not guarantee admission.

The Pro-Pilot Program prepares students to earn the following Certificates and Ratings:

- Private Pilot Certificate
- Instrument Rating
- Commercial Pilot Certificate
- Certified Flight Instructor (CFII) Certificate or Commercial Multi Engine

Students will have the option to complete the following Certificates and Ratings (after graduation):

- Multi Engine Instructor
- Certified Flight Instructor Instrument (CFII) Certificate

Program of Study

BS Aeronautical Science: Professional Pilot

REQUIRED:
Aeronautical Science - Lecture (55-57 credits)

AVN 101 Aviation Industry: A History Perspective 3
AVN 104 Private Pilot Ground 3
AVN 201W Safety Ethics 3
AVN 202 Aviation Meteorology 3
AVN 208 Instrument Pilot Ground 3
AVN 211 Commercial Pilot Ground 3
AVN 300 Government in Aviation 3
AVN 309 Certified Flight Instructor-Ground 3
AVN 320 Air Carrier Flight Operations 3
AVN 321 Physiology of Flight 3
AVN 322 Advanced Aircraft Systems 3
AVN 325 Safety of Flight 3
AVN 400 Aviation Law 3
AVN 421 Gas Turbine Engines 3
AVN 422 Aerodynamics and Aircraft Performance 3
AVN 423 Crew Resource Management 3
AVN 424 Advanced Avionics and Cockpit Automation 3
AVN 447 Capstone Professional Pilot Seminar 3
AVN Aviation Electives (RATP students see advisor for approved course listing) 1-3

REQUIRED:
Aeronautical Science - Flight Training (5 credits)

AVN 105 Private Pilot – Flight to Solo 1
AVN 106 Private Pilot – Flight to Certificate 1
AVN 209 Instrument Pilot – Flight 1
AVN 212 Commercial Pilot – Flight 1
AVN 310 Certified Flight Instructor
or
AVN 410 Commercial Multi Engine Pilot Rating 1

Total Credits: 124



Important Information to Consider

- Aero Fees are approximately $10,000[2] per semester.
- Flight Blocks (two options):
  - Monday, Wednesday, Friday
  - Tuesday, Thursday, Saturday
- Year-round flight opportunities
- Our agreement with the FAA enables our graduates to qualify for an R-ATP at 1,000 hours compared to 1,500 hours.
- A medical exam administered by an FAA Aviation Medical Examiner is required prior to flight training.
  - Students pursuing flight as a career are strongly advised to obtain a 1st class medical certificate.
- Students can complete a dual degree in Aviation Administration and Professional Pilot.
- Transfer up to a private pilot license.

[2] Aero fees subject to change.

Aviation Center

The Aviation Center utilizes up-to-date technology and tools to equip students with the ability to succeed in the exciting aviation environment. The Aviation Center operates 18 college-owned aircraft including a multi-engine aircraft and 3 advanced aviation training devices. Aircraft maintenance is done in house by college employees who are certified by FAA as aircraft maintenance technicians (AMTs). Flight training is also done in house (not outsourced) by college employees who are certified by FAA as Certified Flight Instructors (CFIs). The Center has a robust software-based Safety Management System (SMS) in which students actively participate in hazard identification and risk mitigation.

Bachelor of Science in Aviation Administration

Fall & Spring Semesters

APPLICATIONS REVIEWED ON A ROLLING BASIS

The Aviation Administration program prepares graduates for entry-level managerial positions in the Airport and Air Cargo segments of the air transportation industry (ATC), the Airline Industry, the FAA and the General Aviation Industry.

Aviation Administration program educational goals

- Produce graduates that possess the relevant knowledge, skills and attitudes to competently and ethically function as a manager in the aviation industry.
- Provide students access to a high-quality, affordable education in the field of aviation.
- Develop relationships with our extensive local and global industry partners that provide students with applied learning opportunities and experiences.
- Maintain a low student to faculty ratio for a diverse student body.

The program prepares students to be marketable in the following areas: Finance and Public Relations, Accounting and Marketing, Aviation Laws and interaction between the aviation industry and government and Management of all aspects of airports.

Admissions – Aviation Administration

- High School GPA: 85%
- Transfer GPA: 3.0 or 2.75 with precalculus
- Algebra II Regents with 70% or higher

AIR TRAFFIC CONTROL PATHWAY

Students in FSC's aviation programs can enhance their training through the FAA's AT-CTI Partnership. Graduates may qualify for FAA hiring preference and a direct path to top-paying, in-demand air traffic control careers. Learn more at farmingdale.edu/faa-partnerships.

Program of Study

BS Aviation Administration

REQUIRED:
Support Courses - Aviation (27 credits)

AVN 100 General Aeronautics 3
AVN 101 Aviation Industry: A History Perspective 3
AVN 201W Safety Ethics 3
AVN 300 Government in Aviation 3
AVN 326 Aviation Security Management 3
AVN 350 Air Traffic Management 3
AVN 400 Aviation Law 3
AVN 401 Aviation Economics and Marketing 3
AVN 471 Aviation Administration Senior Seminar 3

Concentration: (Choose one)

Air Cargo (15 credits)

AVN 280 Intro to Air Cargo Operations - Basic 3
AVN 281 Air Cargo Govt & Industry Regulations 3
AVN 380 Air Cargo Sales & Marketing Techniques 3
AVN 381 Air Cargo Mgmt Techniques 3
AVN 480 Air Cargo Operations - Advanced 3

Airport Management (15 credits)

AVN 271 Airport Capacity/Delay/Airspace 3
AVN 370 Airport Management and Finance 3
AVN 371 Airport Planning 3
AVN 470 Airport Operations 3
AVN Elective 3

Flight Management (15 Credits)

AVN 104 Private Pilot Ground 3
AVN 202 Meteorology 3
AVN 325 Safety Ethics 3
AVN Electives (3 credits must be upper level) 6

Total Credits: 120



The Professional Pilot Program and Aviation Administration major are accredited by the AABInternational

Join us for an
AVIATION CENTER TOUR

FSC

Take a tour of our Aviation Center! After your tour, an Admissions Advisor will hold an information session going over requirements and standards.

ADMISSIONS INFORMATION

Online Applications
To submit an application online, scan the QR code or visit **suny.edu/applysuny**, **commonapp.org**, or visit **farmingdale.edu** and click on the **"Apply Now"** link.

Application Documents
Please send official documents from all attended institutions to the following address:

Farmingdale State College
ATTN: Admissions Processing
2350 Broadhollow Road
Farmingdale, NY 11735
processing@farmingdale.edu

Contact Information
For more information, contact:

Farmingdale State College Admissions
Laffin Hall, 2nd Floor
Phone: 934-420-2200
Fax: 934-420-2633
admissions@farmingdale.edu
farmingdale.edu/admissions

Farmingdale State College
State University of New York

Farmingdale State College
2350 Broadhollow Road
Farmingdale, New York 11735
934-420-2200
farmingdale.edu

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