

AVIATION INSTITUTE

Professional Pilot Technology Associate in Science Major Code 2107

Program Description

The Professional Pilot Program, offered at Judson A. Samuels South Campus, provides the flight and ground school requirement for the private and commercial pilot certificates with instrument and multi engine ratings, as well as an Associate in Science degree. The flight instructor certificate is optional. The pilot ground school is fully approved by the FAA and the College is certified as an FAA Air Agency under Federal Aviation Regulations Part 141. BC's Aviation Institute partners with a contracted flight training provider for flight courses assisting BC students with flight-related career development opportunities. BC graduates who have chosen to also complete the Flight Instructor Certificates and Multi-Engine courses will be eligible to interview to become a Flight Instructor in the program. Student's who wish to obtain a bachelor's degree can transfer BC's credits to a four-year institution such as Florida Atlantic University or Embry-riddle Aeronautical University.

It is strongly recommended students see the Admissions Coordinator at the Aviation Institute for additional information.

Professional Pilot Technology

Prepares students for FAA certification as private pilot and commercial pilot with instrument rating with career-path opportunities to include multi-engine rating and certified flight instructor. Career path graduates are provided job interviews and job placement opportunities

Related Programs

Aviation Operations Associate in Science Major Code 2105(2105E)§
 Air Traffic Control Associate in Applied Science Major Code A039
 Airport Operations Management Associate in Science Major Code 21051§
 Airport Management Certificate Major Code 6304
 Aviation Maintenance Management Associate in Science Major Code 2204
 Aviation Maintenance Management Associate in Applied Science Major Code A005
 Aircraft Airframe Mechanics Vocational Certificate Major Code 5272
 Aircraft Power Plant Mechanics Vocational Certificate Major Code 5273
 Avionics Vocational Certificate Major Code 5299

§ Students can earn a degree from 2105 (2105E) or 21051, but not from both of these programs.

Entrance Requirements

- HS Diploma or GED
- PERT‡

‡ The PERT test places students into preparatory level reading, writing and math courses designed to prepare them for college coursework. The PERT test may be replaced by other test or coursework: see the College catalog for more details. All preparatory courses must be completed in order to graduate.

First Year Term I

*ATT 1100	Aeronautical Science	3
*ASC 1100	Navigational Science	3
*ATF 1100	Primary Flight (4)	3
ASC 1010	History of Aviation	3
**CGS 1060C	Computer and Internet Literacy or Aviation Elective	3
Total Term Semester Hours		15

First Year Term II

*ASC 1210	Aviation Weather	3
*ASC 2110	Navigational Science II	3
*ATT 2120	Instrument Flight Theory	3
*ATF 2200	Commercial Flight I(4)	3
*ATF 2600	Flight Simulator Training	1
Total Term Semester Hours		13

First Year Term III

Elective	Humanities/Fine Arts	3
Elective	Social/Behavior Sciences or	
+ECO 2013	Principles of Economics	3
Total Term Semester Hours		6

Second Year Term I

*ASC 1610	Aircraft Engines, Structures, and Systems	3
*ATF 2210	Commercial Flight II(4)	3
*ATT 2110	Commercial Flight Theory	3
*MAC 1105	College Algebra or	
(1)*MAC 2233	Business Calculus	3
*ENC 1101	Composition I	3
Total Term Semester Hours		15

Second Year Term II

*ATF 2300	Commercial Flight III(4)	3
(2)Elective	Aviation	2
*ASC 2870	Aviation Safety	3
(3)*PHY 1001	Applied Physics	3
(3)*PHY 1001L	Applied Physics Lab	1
SPC 1024	Introduction to Speech or	
SPC 1608	Introduction to Public Speaking	3
Total Term Semester Hours		15
Total Program Semester Hours		64

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Professional Pilot Technology Associate in Science Major Code 2107 (cont.)

*Requires a pre- or co-requisite or proper score on placement test. See course description online at www.broward.edu.

** CGS1060C must be completed within the first 15 hours of Broward College coursework. Students who successfully complete the Basic Student Technology literacy Test may select from the following list of courses to complete the degree requirement:

AVM 1440 Airport/Airline Security,
ASC 2410 Airport Management,
ASC 1550 Aerodynamics,
AVM 2450 Airport Planning and Design,
ASC 2320 Aviation Law and Regulations,
AVM 2510 Airline Management, or
AVM 2301 General Aviation Marketing and Management
+ECO 2013 and MAC 2233 are recommended for students transferring to Florida Atlantic University (FAU), Bachelor of Business Administration, major in Management (BBA). Students desiring to transfer to the BBA program may complete the following courses at BC: ENC 1102, Composition II; STA 2023, Introduction to Statistics, ACG 2001, Accounting I; ACG 2011, Accounting II, and ECO, Economics II.

①MAT 1033, Intermediate Algebra, may be substituted if the student does not plan to transfer to an upper level college or university.

②Students may select ATF 2500, Flight Instructor Training; or ATF 2400, Multi-Engine, with ATF 2630, Multi-Engine Simulator. For other options contact the Aviation Department.

③PHY 2053, General Physics I and PHY 2053L, General Physics I Lab may be substituted by students with the appropriate math pre-requisites. Some universities require General Physics.

(4) Flight training costs apply.

Credit for Experiential Learning: Students who possess an FAA certificate or rating obtained before enrolling in the Professional Pilot program should contact the department to request credit for certain courses.

It is strongly recommended that students see an academic advisor or counselor every term