

AVIATION INSTITUTE

Aviation Operations Associate in Science Major Code 2105 (2105E)[§]

Program Description

The Aviation Operations Associate in Science Degrees, offered at the Judson A. Samuels South Campus, is designed for individuals whose careers objectives include operational and management positions within the aviation industry. The program also provides the foundation to pursue a bachelor's degree in management. Selected aviation knowledge is provided together with general business management courses. **It is strongly recommended students see the Admissions Coordinator at the Aviation Institute for additional information**

Related Programs

Professional Pilot Technology Associate in Science Major Code 2107
 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 I	3
*ENC 1101	Composition I	3
SPC 1024	Intro. to Speech or	
SPC 1608	Intro. to Public Speaking	3
**CGS 1060C	Computer and Internet Literacy or Aviation elective	3
Total Term Semester Hours		15

First Year Term II

AVM 2301	General Aviation Marketing and Management	3
*ENC 1102	Composition II or	
*ENC 2210	Technical Report Writing	3
ASC 1010	Aviation History	3
AVM 2410	Airport Management	3
* ⁽¹⁾ MAC 1105	College Algebra	3
Total Term Semester Hours		15

First Year Term III

POS 2041	National Government	3
Elective	Humanities/Fine Arts	3
Total Term Semester Hours		6

Second Year Term I

AVM 2510	Airline Management	3
*ASC 1210	Aviation Weather	3
⁽²⁾ ECO 2013	Principles of Economics I	3
⁽²⁾ ACG 2001	Principles of Accounting I	3
*STA 2023	Elementary Statistics	3
Total Term Semester Hours		15

Second Year Term II

⁽²⁾ *ECO 2023	Principles of Economics II	3
⁽²⁾ *ACG 2011	Principles of Accounting II	3
⁽³⁾ *PHY 1001	Applied Physics	3
⁽³⁾ *PHY 1001L	Applied Physics Lab	1
*ASC 2870	Aviation Safety	3
Total Term Semester Hours		13
Total Program Semester Hours		64

* 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:

- AVM1440 Airport/Airline Security
- ASC 1550 Aerodynamics,
- AVM2450 Airport Planning and Design
- ASC2320 Aviation Law
- ASC 2472 Human Factors in Flight and ATC

⁽¹⁾MAT 1033, Intermediate Algebra, may be taken by students who do not plan to transfer to an upper level college or university.

⁽²⁾Student interested in flight operations may substitute the following courses for those marked with ⁽²⁾: ASC 2110, Navigational Science II; ATT 2120, Instrument Flight Theory, ATT 2110, Commercial Flight Theory, or a flight course.

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

Since 1966 our aviation school has been preparing students for careers in: Professional Pilot Technology, Aviation Maintenance Management, Aviation Operations, Airport Operations Management, and Air Traffic Control.