

AVIATION INSTITUTE
Air Traffic Control Associate in Applied Science Major Code A039

Program Description

The Air Traffic Control program is designed to provide qualified applicants to fill developmental air traffic control specialist (ATCS) positions. Broward College is one of the colleges selected by the FAA to participate in the Air Traffic Collegiate Training Initiative (AT-CTI) program. All ATC training is done in our state-of-the-art facility in Miramar Town Center where the college has a \$1 million laboratory that includes radar, enroute and tower simulators to provide students with the technical and academic skills necessary to succeed.

Related Programs

Professional Pilot Technology Associate in Science Major Code 2107
 Aviation Operations Associate in Science Major Code 2105 (2105E)[§]
 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.

General 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 Semester

(1) ATT 1100	Aeronautical Science	3
(1) ASC 1100	Navigational Science	3
(1) ATT 1810	Environment of the ATC	3
(1) ATT 2820	Introduction to ATC	3
*CGS 1060C	Computer and Internet Literacy or Aviation elective	3
(1) Co requisites, or department / instructor permission required		

Second Semester

ASC 1210	Aviation Weather	3
ASC 1610	Aircraft Engines, Structures & Systems or	
ASC 1550	Aerodynamics	3
ATT 2822C	VFR Tower Operations with Lab	4
**ASC or AVM	Aviation Elective	3
***MAT 1033	Intermediate Algebra	3

Third Semester

ATT 2821C	ATC Radar Procedure with Lab	4
*ASC or AVM	Aviation Elective	3
ASC 2472	Psychology/Physiology of Flight	3
SPC 1024	Introduction to Speech Communications	3
ELECTIVE	Humanities / Fine Arts	3

Fourth Semester

ATT 2825C	ATC Enroute Operations with Lab	4
ASC 2870	Aviation Safety	3
*ASC or AVM	Aviation Elective	3
ENC 1101	English Composition I	3
ELECTIVE	Social Behavioral Science	3
ATT 2890	ATC Capstone Project	1

Total 64

* 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:

**** Aviation Elective Courses**

ASC 2320	Aviation Law and Regulations	3
ASC 1010	Aviation History	3
AVM 1440	Airport / Airline Security	3
AVM 1940	Airport Operations Internship I	3
AVM 2941	Airport Operations Internship II	3
AVM 2450	Airport Planning and Design	3
AVM 2410	Airport Management	3

*** MAC 1105 may be substituted for MAT 1033 if student plans to transfer to upper-level College or university

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