

## Air Traffic Control Associate in Applied Science Major Code A039

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.

### ***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

### ***Second Semester***

ASC 1210	Aviation Weather	3
ASC 1610	Aircraft Engines, Structures & Systems or 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	Human Factors in Flight and ATC	3
SPC 1024	Introduction to Speech Communications	3
ELECTIVE	Humanities / Fine Arts	3

### ***Fourth Semester***

ATT 2824C	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
AVM2510	Airline Management	3

(1) Co requisites, or department / instructor permission required

\*\*\*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.**