

Associate of Science in Aviation Maintenance Management Program Code 2204

Program Description: The Aviation Maintenance Management Associate of Science degree provides students with the academic skills to complement their technical training. The plan of study complies with the Federal Aviation Regulations Part 147 for an approved aviation maintenance technician's school, and, in addition, offers the advantages of college level academic and management courses.

Students seeking an Associate of Science degree in Aviation Maintenance Management must complete the general requirements for both the Airframe Mechanics and Power Plant Mechanics diplomas and/or possess a valid FAA Airframe & Powerplant certificate.

Career Pathway: Industry, Manufacturing, Construction & Transportation (IMCT)

Program Entrance Requirements: HS Diploma or GED

Additional Program Information: General Education courses must be selected from the list of eligible courses provided in the College Catalog.

You will earn Technical Certificates related to your program of study as you earn your AA, AS, AAS or Bachelor's degree.

Related Industry Certifications: The Aviation Maintenance Management Associate of Science degree is intended to be inclusive of properly obtaining a Federal Aviation Administration (FAA) Airframe and Powerplant certification.

Location(s): While most of the program can be completed at any BC location, the FAA Airframe and Powerplant (AMT, ATT) courses are only offered at the Judson A. Samuels South Campus. Please consult the course schedule for specific semester locations.

Contact information: Program contact information can be found at <http://www.broward.edu/academics/programs/aviation/Pages/default.aspx>

Related Programs at Broward College:

- Aircraft Airframe Mechanics Vocational Certificate (5272)
- Aircraft Power Plant Mechanics Vocational Certificate (5273)
- Avionics Vocational Certificate (5299)

General Education Credit Hours	18	Specialized Course Credit Hours*	5
Communications	3	CGS1060C	Computers and Internet
Humanities	3		Literacy
Social Science	3	ASC1010	History of Aviation
Natural Science	3	ATT1100	Aeronautical Science
Mathematics	3	Elective**	Business Elective
Speech Communications	3	Elective**	Business Elective

Core Requirements: Core Courses encompass instruction for the FAA Airframe and Powerplant certifications and are taught as PSAV under major codes 5272 Airframe and 5273 Powerplant. These courses and/or an authenticated FAA Airframe and Powerplant certification are articulated into the Aviation Maintenance Management Associate of Science Major Code 2204 degree via an Inter-Institutional Articulation Agreement or in the case of possession of a valid FAA Airframe and Powerplant Certification Experiential Learning Credits.

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Core Requirement	Credit Hours	60			
AMT1001	Basic Electricity	2	AMT1230	Aircraft Instrument Systems	1
AMT1010	Aircraft Drawings	1	AMT1240	Communications and	
AMT1020	Weight & Balance	1		Navigation Systems	1
AMT1030	Fluid Lines & Fittings	1	AMT1250	Aircraft Fuel Systems	1
AMT1040	Material Processes	2	AMT1260	Aircraft Electrical Systems	3
AMT1050	Ground Operations and		AMT1270	Position and Warning Systems	1
	Servicing	1	AMT1285	Ice/Rain/Fire Protection	1
AMT1060	Cleaning and Corrosion		AMT2300	Reciprocating Engines	5
	Control	1	AMT2312	Turbine Engines & Turbine	
AMT1070	Applied Mathematics	1		Engine Troubleshooting	4
AMT1081	FAR's, Forms and Privileges	1	AMT2400	Engine Instrument Systems	1
AMT1090	Basic Physics	1	AMT2420	Engine Electrical Systems	2
AMT1110	Aircraft Wood Structures	1	AMT2410	Engine Fire Protection Systems	1
AMT1115	Aircraft Covering	1	AMT2435	Lubrication Systems	1
AMT1120	Aircraft Finishes	1	AMT2440	Ignition Systems	2
AMT1130	Sheet Metal Structures	4	AMT2475	Engine Cooling and Exhaust	
AMT1140	Aircraft Welding	1		Systems	1
AMT1155	Assembly and Rigging	2	AMT2490	Propellers and Un-ducted Fans	2
AMT1200	Landing Gear Systems	2	AMT2320	Engine Inspection	1
AMT1160	Airframe Inspection	1	AMT2450	Engine Fuel Systems	1
AMT1210	Hydraulic and Pneumatic		AMT2451	Fuel Metering Systems	2
	System	2	AMT2460	Induction Systems	1
AMT1220	Cabin Atmosphere Control				
	Systems	1			
Total Program Credit Hours		83			

Notes:

*Student may have to take MAT1033 or STA1001 based on placement score. The student's eligible for Federal Financial Aid for the MAT1033/STA1001 course may be limited.

**Business Elective select from the following courses: GEB2430, OST1330, OST2053, or BCT1767.

- Many courses have specific pre-requisite and co-requisite requirements that must be followed. Students are encouraged to consult the Course Information Table for a detailed list of all requisite requirements.

Students are strongly encouraged to meet with an advisor to create an educational plan.