



NOW THIS IS A
CAREER!

AVIATION MAINTENANCE TECHNOLOGY

A.A.S. Degree Program
Major Code: AMN3

Georgia Aviation Campus of Middle Georgia College

Program Description: The Aviation Maintenance Technology (AMT) degree program prepares students for careers in aircraft maintenance and repair. The program philosophy stresses a combination of knowledge, skills, and practical experience in accordance with Federal Aviation Regulations. Upon successful completion, a student will be prepared for Federal Aviation Administration (FAA) oral, practical, and written examinations. Once certificated by the FAA, a graduate is qualified to perform duties and responsibilities of an Airframe and Powerplant (A&P) mechanic. **FAA Air Agency Certificate HG6T054K**

General Core Courses:

BUSA	1205	Computer Literacy	2 hours
ENGL	1101	Composition 1	3 hours
ENGL	2111--2132	English Literature Elective	3 hours
HIST	2111 or 2112	U.S. History 1 or U.S. History 2	3 hours
HLTH	1101	Health	2 hours
HEXS	XXXX*	Physical Education (total of 3 hours needed)	3 hours
MATH	1111	College Algebra	3 hours
PHYS	1011	Physical Science 1	4 hours
POLS	1101	American Government	3 hours

* ENGL 2208—Technical Communications (3 credit hours) may be taken in lieu of Physical Education for Georgia Aviation Campus students.

Occupational Core Courses:

AMTP	1000	Aviation Mathematics	2 hours
AMTP	1010	Aircraft Maintenance Regulations	2 hours
AMTP	1020	Aircraft Applied Science	9 hours
AMTP	1030	Aircraft Electricity and Electronics	5 hours
AMTP	1210	Aviation Physics	2 hours
AMTP	2010	Aircraft Airframe Structures	2 hours
AMTP	2020	Airframe Sheet Metal and Non-Metallic Structures	5 hours
AMTP	2030	Airframe Welding	1 hour
AMTP	2040	Airframe Assembly and Rigging	2 hours
AMTP	2050	Airframe Inspection	3 hours
AMTP	2060	Aircraft Hydraulic and Pneumatic Systems	2 hours
AMTP	2070	Aircraft Landing Gear Systems	2 hours
AMTP	2080	Aircraft Environmental Control Systems	7 hours
AMTP	2090	Aircraft Electrical, Communication, and Navigation Systems	6 hours
AMTP	2210	Reciprocating Engine Powerplants I	3 hours
AMTP	2220	Reciprocating Engine Powerplants II	5 hours
AMTP	2230	Gas Turbine Powerplants I	3 hours
AMTP	2240	Gas Turbine Powerplants II	3 hours
AMTP	2250	Aircraft Engine Inspection	1 hour
AMTP	2260	Aircraft Engine Fuel & Fuel Metering Systems	5 hours
AMTP	2270	Aircraft Engine Electrical, Ignition, & Starting Systems	7 hours
AMTP	2280	Aircraft Powerplant Accessory Systems	6 hours

Total Credit Hours: **109 Credit Hours**



- Applications Accepted Daily.
- Day Classes ONLY.
- AMT Job Placement is 95.2%.
- New Students Accepted Fall and Spring Semesters.
- Courses Offered on Aviation Campus in Eastman.
- Starting Salary Range is \$18 to \$20 per hour.

General Information: Aviation Maintenance Technology is a two year (five semester) degree program that emphasizes aircraft maintenance theory and practical application necessary for successful employment. All students **MUST** be accepted to the program after acceptance to MGC. To be accepted to the program you must complete and submit an application to the Division Chair as stated on the Aviation Technology Division application.

Admissions Criteria: Must be 16 years of age. A high school diploma or GED is required. Submit an application form, \$20 application fee, and an official copy of a high school transcript or GED. Schedule a time to take the COMPASS placement exam or submit recent SAT scores. Minimum test scores for regular admission: COMPASS: Reading - 11; Writing - 11; Algebra - 11. Transfer students may apply, but previous course work will be evaluated for credit on an individual basis.

71 Airport Road • Heart of Georgia Regional Airport • Eastman, Georgia 31023 • www.mgc.edu/aviation
Phone (478) 374-6980 or (866) 374-6980 • Fax (478) 374-6809

Georgia Aviation Campus of Middle Georgia College

AVIATION MAINTENANCE TECHNOLOGY, A.A.S. Degree

Estimated Costs: For cost information, visit the website for Middle Georgia College at www.mgc.edu/aviation. **Financial Aid:** HOPE Scholarship and HOPE Grant, College Work Study Program, Scholarships, LEAP, SEOG, Stafford and PLUS loans, and Veteran's benefits are available to eligible students. Contact the financial aid office for more information. **Job Placement:** Placement services are available to all students through training support for workforce development that prepares students for employment in the aviation industry. Graduates can obtain employment with airport fixed base operations, charter air services, regional or major airlines, the military, aviation suppliers, manufacturers, and the FAA. **Program Information:** Designed to be a five semester program, Aviation Maintenance Technology will provide 109 semester hours of credit with 420 hours of general core instruction and 1,928 hours of instructional/lab training (airframe and powerplant certificate). **Special Needs:** If you have a physical, emotional, or learning disability and in need of assistance for the upcoming semester contact Allen Chastain via email to achastain@mgc.edu phone 478-934-3023. In order to serve the students, proper paperwork must be documented prior to accommodations being granted.

Recommended Course Flow:

First Year

FALL		SPRING		SUMMER	
	HOURS PER WEEK		HOURS PER WEEK		HOURS PER WEEK
Full Session	Class/Lab	Full Session	Class/Lab	Full Session (8 weeks)	Class/Lab
ENGL 1101	(2/1)	BUSA 1205	(2/0)	AMTP 2050	(2/4)
Session 1 (8 weeks)		POLS 1101	(3/0)	AMTP 2080	(5/4)
AMTP 1010	(1/2)	Session 1 (8 weeks)		HEXS XXXX	(X/X)*
AMTP 1020	(6/6)	AMTP 2020	(3/4)	HLTH 1101	(2/0)
Session 2 (8 weeks)		AMTP 2060	(1/2)		
AMTP 1000	(2/0)	AMTP 2070	(2/3)		
AMTP 1030	(3/3)	Session 2 (8 weeks)			
AMTP 1210	(2/0)	AMTP 2040	(1/2)		
AMTP 2010	(1/2)	AMTP 2210	(3/0)		
AMTP 2030	(0.5/2)	AMTP 2220	(2/7.5)		

Second Year

FALL		SPRING	
	HOURS PER WEEK		HOURS PER WEEK
Full Session	Class/Lab	Full Session	Class/Lab
MATH 1111	(3/0)	ENGL 2111--2132	(3/0)
PHYS 1011	(3/3)	HIST 2111 or 2112	(3/0)
Session 1 (8 weeks)		Session 1 (8 weeks)	
AMTP 2090	(4/5)	AMTP 2280	(4/5)
AMTP 2230	(3/0)	Session 2 (8 weeks)	
Session 2 (8 weeks)		AMTP 2250	(1/0.5)
AMTP 2240	(2/4)	AMTP 2260	(3/4)
AMTP 2270	(5/4)		

Nondiscrimination Notice: Admissions policies, activities, services, and facilities of the College do not exclude any person on the basis of race, color, age, sex, religion, national origin, or disability. Middle Georgia College is an Affirmative Action Program Institution. Any individual who requires assistance under the College's Affirmative Action Program should contact the designated Title IX or Section 504 Coordinator: Title IX Contact (for non-students): Director of Human Resources, Chambers House, 478-934-3082; Title IX Contact (for students): Registrar, Peacock Hall, 478-934-3036; Section 504 Contact (students and non-students): Director of Student Services, Wiggs Hall, 478-934-3023.