

## MGA

### Academic Program - Course Schedule and Learning Outcomes

*Aviation  
Maintenance and  
Structural*

<i>Campus:</i> Eastman	<i>College/School:</i> School of Aviation	<i>Department:</i> Technology	
	<i>Major:</i> Aviation Maintenance Technology	<i>Track (if applicable):</i>	AMT
<i>Academic Degree:</i> AAS			

#### What are the Program Learning Outcomes?

*A learning outcome is a description of the knowledge, skills and abilities you will gain as you complete your coursework.*

1. The student will exhibit knowledge of FAA airframe inspections & maintenance procedures as required.
2. The student will demonstrate ability to perform FAA airframe inspections & maintenance procedures.
3. The student will exhibit knowledge of FAA powerplant inspections & maintenance procedures.
4. The student will demonstrate ability to perform FAA powerplant inspections & maintenance procedures.

#### What courses do I need to take to graduate from this program?

Entering Class	Academic Year		
	Fall	Spring	Summer (varies)
Freshman	<b>(15 hours)</b> ENGL Comp I (3 Cr hrs) Area A Math (3 Cr hrs) U.S. History I or II (3 Cr hrs) America Government (3 Cr hrs) Area English Comp II (3 Cr hrs)	<b>(16 hours)</b> AMTP1020 Aircraft Applied Science (7 Cr hrs)* AMTP1010 Aircraft Maintenance Regulations (2 Cr hrs)* AMTP1030 Aircraft Electricity and Electronics (3 Cr hrs)* AMTP1000 Aviation Mathematics (1 Cr hrs ) AMTP1210 Aviation Physics (1 Cr hrs ) AMTP2010 Aircraft Airframe Structures and Welding (2 Cr hrs )	<b>(7 hours)</b> English Lit (3 Cr hrs) B Elective (4 Cr hrs)
Sophomore	<b>(16 hours)</b> AMTP2020 Airframe Sheet Metal and Non-metallic Structures (5 Cr hrs) AMTP2060 Aircraft Hydraulic, Pneumatic and Landing Gear (3 Cr hrs) AMTP2210 Reciprocating Engine Powerplant (6 Cr hrs) AMTP2040 Airframe Assembly and Rigging (2 Cr hrs)	<b>(15 hours)</b> AMTP2080 Aircraft Environmental Control System (5 Cr hrs) AMTP2270 Aircraft Engine Electrical Ignition and Starting (5 Cr hrs) AMTP2230 Gas Turbine Powerplants (5 Cr hrs)	<b>(5 hours)</b> AMTP2090 Aircraft Electrical, Communication, and Navigation Sys.
Junior	<b>(15 hours)</b> AMTP2280 Aircraft Powerplant Accessory System (5 Cr hrs) AMTP2050 Airframe Inspection (3 Cr hrs) AMTP2260 Aircraft Engine Fuel and Fuel Metering (4 Cr hrs) AMTP2250 Aircraft Engine Inspection (1 Cr hr)		

Senior			
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**What jobs have recent graduates received after completing this program?**

*Recent Graduates have received jobs with the following employers:*

**Warner Robins Air Logistics Complex**

**Delta Air Lines**

**Gulfstream**

**Embraer**

**Middle Georgia State University**

**Standard Aero**

**Boeing**

**Navair**

\* Courses in the focus area