

## 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> Aircraft Structural Technology	<i>Track (if applicable):</i>	AST
<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. Student will be able to manufacture a composite metal bond sandwich panel.

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2. Student will be able to repair skins on a trailing edge project.

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3. Student will be able to repair cracks on a trailing edge project

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- 4.

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#### 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) (Session I) 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)(Session II)	<b>(21 hours)</b> ASTP 1010 Basic Blueprint Reading (3)(Session I)* ASTP 1000 Applied Technical Math (3)(Session I)* ASTP 1037 Aerodynamics and Structural Fundamentals (6)(Session I)* ASTP 1020 Aircraft Blueprint Reading (3)(Session II) ASTP 1104 Fabrication & Sealants (6)(Session II)	
Sophomore	<b>(18 hours)</b> ASTP 1158 Technical Publications (3) ASTP 1090 Composites & Bonded Structures (6) ASTP 1112 Aircraft Metallurgy & Corrosion Control (6) ACES 1000 Aviation Career Employability Skill I (3)	<b>(6 hours)</b> English Lit (3 Cr hrs) B Elective (4 Cr hrs)	
Junior			
Senior			

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

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

**Warner Robins Air Logistics Complex**

**Gulfstream**

**Middle Georgia State University**

**Boeing**

**Navair**

- Courses in the focus area