

**MGA**

**Academic Program - Course Schedule and Learning Outcomes**

Campus: Eastman

College/School: Aviation

Department: Aviation Maintenance  
and Structural  
Technology

Academic Degree: CERT.

Major: Aircraft Structural Technology

Track (if applicable):

**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. \_\_\_\_\_

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

Entering Class	Academic Year		
	Fall (15 hours)	Spring (15 hours)	Summer (varies)
Freshman	(21 hours) 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)	(18 hours) 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)	
Sophomore			
Junior			
Senior			

**What jobs/post baccalaureate programs have recent graduates gone onto after completing this program?**  
**Many of the graduates go on to work as civil service mechanics for the Air Force, Army, and Navy.**  
**In addition, graduates go on to work for Gulfstream Aerospace, and Boeing, producing new aircraft.**