# MGA

## Academic Program - Course Schedule and Learning Outcomes

**Campus:** Eastman  
**College/School:** School of Aviation  
**School of Aviation:**  
**Department:** Aviation Maintenance and Structural Technology  
**Major:** Aircraft  
**Academic Degree:** AAS  
**Structural Technology**  
**Track (if applicable):** AST

### 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.
2. Student will be able to repair skins on a trailing edge project.
3. Student will be able to repair cracks on a trailing edge project.
4. 

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

<table>
<thead>
<tr>
<th>Entering Class</th>
<th>Academic Year</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer (varies)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>15 hours</td>
<td>21 hours</td>
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| Freshman       |               | 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) | 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      |               | 18 hours (Technical Publications (3)  
ASTP 1090 Composites & Bonded Structures (6)  
ASTP 1112 Aircraft Metallurgy & Corrosion Control (6)  
ACES 1000 Aviation Career Employability Skill I (3) | 6 hours (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