

# AVIATION AIRFRAME STRUCTURE/SYSTEMS CERTIFICATE IN APPLIED SCIENCE

Third Semester		
ACM 155	Aircraft Environmental Systems	3
ACM 165	Hydraulic & Pneumatic Systems	3
ACM 167	Landing Gear Systems	3
ACM 170	Aircraft Electrical Systems	4
<b>Total Semester Hours</b>		<b>13</b>
<b>Total Required Credit Hours</b>		<b>28</b>

## Program Description

This certificate introduces all airframe-related subjects to all aircraft maintenance technicians. Topics include wood structures, sheet metal, bonded structures, assembly and rigging, environmental systems, utility and warning, hydraulics and pneumatics, landing gear, airframe electrical, airframe fuel systems and airframe inspection.

## Mission Statement

To provide students with the technical, mechanical and academic skills required to become FAA-certified aircraft maintenance technicians. Providing Greenville and surrounding counties, FAA-certified Airframe and Powerplant Technicians.

## Entrance Requirements

High school diploma or equivalent

This program requires a minimum grade of "C" in all ACM courses.

## Type of Program

Day or evening

## Employment Opportunities

General aviation, contract repair facilities and aviation-related maintenance activities

Visit our web page at <https://www.gvltec.edu/amt/>.

## Recommended Program Schedule

Listed below is the ideal grouping of courses in order by semester. This plan assumes a full-time schedule. Note, however, that many variables can affect this plan, and not every course is offered every semester. Please see your advisor to map out your own personalized progression toward graduation.

**Note:** Please contact your advisor for recommended evening schedules.

### Preferred Sequence

First Semester		Hours
ACM 160	Utility & Warning Systems	3
ACM 172	Aircraft Fuel Systems	1
ACM 174	Airframe Inspection	1
<b>Total Semester Hours</b>		<b>5</b>
Second Semester		Hours
ACM 130	Sheet Metal Layout & Repair	4
ACM 140	Bonded Structures & Welding	3
ACM 150	Assembly and Rigging	3
<b>Total Semester Hours</b>		<b>10</b>