

# AVIATION FUNDAMENTALS CERTIFICATE IN APPLIED SCIENCE

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## Program Description

This certificate introduces general aviation subjects related to all aircraft maintenance. Topics include mechanic privileges, limitations and forms documentation; math and physics; basic electricity; aircraft drawing; ground handling and servicing; and materials and corrosion control.

## 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.

| Course                             | Title                               | Hours     |
|------------------------------------|-------------------------------------|-----------|
| <b>First Semester</b>              |                                     |           |
| ACM 101                            | General Regulations                 | 2         |
| ACM 102                            | Aviation Sciences                   | 3         |
| ACM 105                            | Basic Aircraft Electricity          | 4         |
| ACM 110                            | Aircraft Drawings                   | 1         |
| ACM 115                            | Ground Handling & Servicing         | 3         |
| ACM 120                            | Materials & Corrosion Control       | 4         |
| <b>Second Semester</b>             |                                     |           |
| ACM 125                            | Wood Structure, Covering & Finishes | 2         |
| <b>Total Required Credit Hours</b> |                                     | <b>19</b> |