AVIATION POWERPLANT THEORY/SYSTEMS CERTIFICATE IN APPLIED SCIENCE

Program Description

This certificate introduces Powerplant-related subjects to aircraft maintenance technicians. Topics include lubrication, ignition and starting systems, turbine and reciprocating engines, propellers, electrical, instruments, fire protection, fuel systems and inspections.

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.

First Semester		**Hours**
ACM 205	Ignition & Starting Systems	3
ACM 224	Turbine Engine Overhaul	4
	Total Semester Hours	**7**
Second Semester		
ACM 201	Lubricating Systems	2
ACM 210	Reciprocating Engine Overhaul	4
ACM 234	Propellers & Components	4
ACM 240	Engine Electrica, Instrument & Fire Prot	3
	Total Semester Hours	**13**
Third Semester		
ACM 226	Engine Inspection	1
ACM 245	Powerplant Fuel Systems	4
ACM 250	Induction, Cooling & Exhaust	3
	Total Semester Hours	**8**
	Total Required Credit Hours	**28**