Aviation Airframe Structure/Systems Certificate in Applied Science

Mission Statement
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.

Entrance Requirements:
Acceptable placement test score(s), plus high school diploma or equivalent

Type of Program:
Day or evening

Employment Opportunities:
General aviation, contract repair facilities and aviation-related maintenance activities

Recommended Program Schedule

First Semester - Spring
ACM 125 Wood Structures, Coverings, and Finishes 2.0
ACM 130 Sheet Metal Layout and Repair 4.0
ACM 140 Bonded Structures and Welding 3.0
ACM 150 Assembly and Rigging 3.0

Second Semester - Summer
ACM 155 Aircraft Environmental Systems 3.0
ACM 165 Hydraulic and Pneumatic Systems 3.0
ACM 167 Landing Gear Systems 3.0
ACM 170 Aircraft Electrical Systems 4.0

Third Semester - Fall
ACM 160 Utility and Warning Systems 3.0
ACM 172 Aircraft Fuel Systems 1.0
ACM 174 Airframe Inspection 1.0

Total Required Credit Hours: 30.0

Note: Please contact your advisor for recommended evening schedules.

Visit https://www.gvtec.edu/gainful-employment/ for important information about the educational debt, earnings and graduation rates of students who attended programs.