2021-2022 TTC Catalog

Aircraft Maintenance Airframe

Certificate in Applied Science
29 Credit Hours

This certificate, along with the General and Powerplant certificates, prepares the student to sit for the certification exams required by the Federal Aviation Administration to become certified airframe and powerplant maintenance technicians. Students are prepared for employment repairing aircraft, engines and related systems with airlines, government agencies, aircraft manufacturers and aircraft service companies.

Major Requirements

ACM 125 Wood Structures, Coverings and Finishes 2
ACM 135 Sheet Metal and Non-metallic Structures 4
ACM 145 Aircraft Welding 2
ACM 150 Assembly and Rigging 3
ACM 155 Aircraft Environmental Systems 3
ACM 160 Utility and Warning Systems 3
ACM 165 Hydraulic and Pneumatic Systems 3
ACM 167 Landing Gear Systems 3
ACM 170 Aircraft Electrical Systems 4
ACM 172 Aircraft Fuel Systems 1
ACM 174 Airframe Inspection 1

Total: 29

Admission Requirements

Admission into this program requires proof of high school graduation (or GED) and qualifying scores on SAT, ACT or the TTC placement test.