

2021-2022 TTC Catalog

Aircraft Maintenance Powerplant

Certificate in Applied Science

30 Credit Hours

This certificate, along with the General and Airframe 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 201 Lubricating Systems 2
- ACM 205 Ignition and Starting Systems 3
- ACM 210 Reciprocating Engine Overhaul 4
- ACM 212 Engine Installation 3
- ACM 220 Turbine Engines 3
- ACM 226 Engine Inspection 1
- ACM 234 Propellers and Components 4
- ACM 240 Engine Electrical Instrumentation and Fire Protection 3
- ACM 245 Powerplant Fuel Systems 4
- ACM 250 Induction Cooling and Exhaust 3

Total: 30

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.