

2025-2026 TTC Catalog

Aircraft Assembly Technology

Certificate in Applied Science

26 Credit Hours

This program prepares students for employment in the aviation manufacturing field by providing instruction in the basic theory of aircraft design and construction, aircraft materials and tools utilized in aircraft assembly.

Major Requirements

AMF 103 Introduction to Aviation 3
AMF 104 Basic Aviation Sciences 3
AMF 109 Aircraft Materials and Hand Tools 3
AMF 110 Corrosion Control and Sealing Applications 2
AMF 116 Aircraft Fluid Lines 2
AMF 132 Aircraft Sheet Metal Assembly 3
AMF 137 Aircraft Composite Structures 3
AMF 142 Airframe Auxiliary Systems 2
AMF 147 Aviation Electrical Systems 3
AMF 152 Aircraft Flight Control Systems 2

Total: 26

Admission Requirements

Admission into this program requires proof of high school graduation (or GED) and qualifying placement levels.