



Aircraft Structural Assembly and Fabrication Apprenticeship

Career Technical Certificate | Code: 59005 | 4296 Hours

CIP 0847060900

Effective Term: Fall 2019 (2197)

The Career Technical Certificate (CTC) in ***Aircraft Structural Assembly and Fabrication Apprenticeship*** will prepare the student to perform scheduled and non-scheduled maintenance and repairs on aircraft. The student will assist aviation maintenance technicians in commercial jet modifications, minor and major maintenance checks and corrosion control and preventions, and line services for a wide array of commercial and military aircraft.

Course	Course Title	Hours	Prerequisites
<u>MAJOR COURSE REQUIREMENTS</u>			
AMT 0044	Tools, Materials, and Processes 1	40 hours	
AMT 0045	Tools, Materials, and Processes 2	40 hours	
AMT 0046	Aircraft Materials, Hardware & Processes	68 hours	AMT 0044/0045
AMT 0047	Applying the Design Process	53 hours	AMT 0044/0045
AMT 0269	Aircraft Electrical Systems & Quality Control	64 hours	AMT 0044/0045
AMT 0219	Aircraft Hydraulics & Aviation Mathematics	19 hours	AMT 0044/0045
AMT 0509	Composites and Capstone Project	12 hours	AMT 0044, 0045, 0046, 0047, 0269, 0219
AMT 0949	On the Job Training (OJT) Part 1	666.67 hours	
AMT 0949C	On the Job Training (OJT) Part 2	666.67 hours	
AMT 0950	On the Job Training (OJT) Part 3	666.67 hours	
AMT 0950C	On the Job Training (OJT) Part 4	666.67 hours	
AMT 0960	On the Job Training (OJT) Part 5	666.67 hours	
AMT 0960C	On the Job Training (OJT) Part 6	666.67 hours	