

AVT 9003 - FAA Airframe and FAA Powerplant Cert.
Credit Type – **Articulated (AA)**



MIAMI VALLEY
TECHPREP
CONSORTIUM

Course Description and Learning Outcomes:
Not available – individual courses students will earn credit for listed below.
Faculty Pathway Specialist(s) (Please include name, email and office hours):
Primary FPS: Sean Bohn, sean.bohn@sinclair.edu Secondary FPS: David Miller, david.miller1013@sinclair.edu
What credential(s) is/are required to earn this credit?
Credit Awarded by State or National Accreditation via credit capture process. Copies of cards or certificates must be submitted to MVTPC before credit can be posted.
What credentialing body(ies) should be used?
The Federal Aviation Administration (FAA) is the credentialing authority for this certification.
What documentation is required to earn the credit?
Copies of FAA Airframe and Powerplant certificates must be submitted to MVTPC before credit can be posted.
Resources Needed to Offer Course (software, equipment, books [include ISBN and edition], etc. – please include any associated costs):
Additional course details or requirements important for instructors not covered above:

Aviation Maintenance Courses		
GENERAL		Credit Hours
AVT-1113	Drawings for Aviation	2
AVT-1116	Regulations for Maintenance	3
AVT-1118	Weight & Balance	3
AVT-1131	Basic Aviation Electricity	4
AVT-1135	Materials & Processes	4
AVT-1213	Corrosion	2
AVT-2237	Aircraft Inspections (Airframe & Eng)	3
AVT-2143	Review & Recommendation *	2
Total General Credit		23

AIRFRAME		
AVT-1136	Sheet Metal	4
AVT-2121	Assembly & Rigging	3
AVT-2236	Non Metallic Structures	3
AVT-1106	Airframe Safety Systems	2
AVT-1107	Fuel Systems	3
AVT-1133	Instruments/Communications	3
AVT-1214	Cabin Atmospheric Control	3
AVT-1218	Utility Systems	4
AVT-2132	Airframe Electrical Systems	4
Total Airframe Credit		29

POWERPLANT		
AVT-1128	Power Plant Safety Systems	3
AVT-2122	Ignition & Starting	3
AVT-2126	Reciprocating Engines	4
AVT-2129	Propellers	2
AVT-2138	Engine Fuel & Fuel Metering	3
AVT-2139	Induction/Exhaust/Cooling	0
AVT-2219	Turbine Engines	4
Total Powerplant Credit		19