

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



MIAMI VALLEY
TECHPREP
CONSORTIUM

Course Description and Learning Outcomes:
Individual courses students will earn credit for listed on the second page.
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 1130	Basic Aviation Electricity I	2
AVT 1132	Basic Aviation Electricity II	2
AVT 1135	Materials & Processes	4
AVT 1213	Corrosion	2
AVT 2237	Aircraft Inspections (Airframe & Eng)	3
AVT 2143	Review & Recommendation *	2
Total General Credits		23

AIRFRAME		Credit Hours
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 Credits		29

POWERPLANT		Credit Hours
AVT 1128	Powerplant 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 2219	Turbine Engines	4
Total Powerplant Credits		19