

**Associate of Applied Science  
Aviation Maintenance Technology**

<b>Name:</b>	<b>Date of Entry:</b>	<b>Advisor:</b>
<b>Dual Major With:</b>	<b>Academic Plan Advisor:</b>	
<b>Transferred From:</b>		
<b>Credit Hours Transferred In:</b>	Must complete 1/3 of degree through Helena College	

Course #	Course Title	CR	Pre - Requisites	SEM	Grade	Comments
<b>First year Fall Semester – General</b>						
AVMT 100	Intro to Aviation Maintenance/Mathematics and Basic Physics	3				
AVMT 105	Basic Electricity	3.5				
AVMT 110	Aircraft Drawings/Weight and Balance	3				
AVMT 115	Materials and Processes/Fluid Lines and Fittings/Cleaning and Corrosion Control	4				
AVMT 120	Ground Operation and Servicing	1.5				
AVMT 125	Maintenance Publications/Forms & Records/Mechanic Privileges & Limitations	3				
AVMT 130	Basic Aerodynamics	3				
**M111T	Technical Math	3				
	Total Credits	21-24*				
<b>First year Spring Semester - Airframe</b>						
AVMT 135	Assembly & Rigging/Airframe Inspection	4				
AVMT 140	Sheet Metal	4				
AVMT 145	Composites and Plastics	4				
AVMT 150	Wood Structures	2				
AVMT 175	Aircraft Electrical Systems	1.75				
AVMT 187	Aircraft Instrument Systems/Comm and Nav Systems	2.25				
WRIT 121T	Technical Writing	3				
	Total Credits	21.00				
<b>First year Summer Semester – Airframe</b>						
AVMT 155	Aircraft Covering/Aircraft Finishes	2				
AVMT 160	Aircraft Welding	3				
AVMT 165	Hydraulic and Pneumatic Power Systems	3				
AVMT 170	Aircraft Landing Gear Systems/Position	3				
AVMT 180	Aircraft Fuel Sys/Fire Protection	3				
AVMT 185	Cabin Atmosphere Control Systems	2.25				
COMX 106	Communicating in a Dynamic Workplace	2				
	Total Credits	18.25				
<b>Second year Fall Semester - Powerplant</b>						
AVMT 225	Reciprocating Engine Systems	5.5				
AVMT 230	Reciprocating Engine Overhaul	5.5				
AVMT 240	Engine Instrument Systems	3				
AVMT 250	Engine Fire Protection Systems	2.5				
***M111T	Technical Math	3				
	Total Credits	16.5-19.5				
<b>Second year Spring Semester – Powerplant</b>						
AVMT 235	Turbine Engines and Systems	6				
AVMT 245	Engine Electrical Systems/Auxiliary Power Unit	3.75				
AVMT 255	Propellers and Unducted Fans	4				
	Total Credits	13.75				

\*\*\* Technical Math can be taken in fall of first year or fall of second year. \* If degree is Airframe CAS student will need math in the first year and credit overload will need to be approved.