

**Academic Pathways Map**  
**Aviation Maintenance Technology**  
**A.A.S.**  
**Industry and Trades**

**Start Here**

<b>SEMESTER 1</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
AVMT100	INTRODUCTION TO AVIATION	3	*	
AVMT105	BASIC ELECTRICITY	3.5	*	
AVMT110	AIRCRAFT DRAWINGS	3	*	
AVMT115	MATERIALS AND PROCESSES	4	*	
AVMT120	GROUND OPERATION AND SERVICING	1.5	*	
AVMT125	MAINTENANCE PUBLICATIONS	3	*	
AVMT130	BASIC AERODYNAMICS	3	*	
M111	TECHNICAL MATHEMATICS	3		
		<b>TOTAL CREDITS</b>	<b>24</b>	

<b>SEMESTER 2</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
AVMT135	ASSEMBLY AND RIGGING, AND AIRFRAME INSPECTION	4		
AVMT140	SHEET METAL	4		
AVMT145	COMPOSITES AND PLASTICS	4		
AVMT150	WOOD STRUCTURES	2		
AVMT175	AIRCRAFT ELECTRICAL SYSTEMS	2.5		
AVMT187	AIRCRAFT INSTRUMENT SYSTEMS/COMMUNICATION AND NAVIGATION SYSTEMS	2.25		
COMX106	COMMUNICATING IN A DYNAMIC WORKPLACE	3		
		<b>TOTAL CREDITS</b>	<b>21.75</b>	

<b>SEMESTER 3</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
AVMT155	AIRCRAFT COVERING AND FINISHES	2		
AVMT160	AIRCRAFT WELDING	3		
AVMT165	HYDRAULIC AND PNEUMATIC POWER SYSTEMS	3		
AVMT170	AIRCRAFT LANDING GEAR SYSTEMS	3		
AVMT180	AIRCRAFT FUEL SYSTEMS/FIRE PROTECTION SYSTEMS/ICE AND RAIN CONTROL SYSTEMS	3		
AVMT185	CABIN ATMOSPHERE CONTROL SYSTEMS	2.5		
		<b>TOTAL CREDITS</b>	<b>16.5</b>	

<b>SEMESTER 4</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
AVMT225	RECIPROCATING ENGINES AND SYSTEMS I	5.5		
AVMT230	RECIPROCATING ENGINES AND SYSTEMS II	5.5		
AVMT240	ENGINE INSTRUMENT SYSTEMS	3		

AVMT250	ENGINE FIRE PROTECTION SYSTEMS	2.5		
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TOTAL CREDITS 16.5

SEMESTER 5		CREDITS	MILESTONE	✓
AVMT235	TURBINE ENGINES AND SYSTEMS	6		
AVMT237	TURBINE ENGINE SYSTEMS 2	2		
AVMT245	ENGINE ELECTRICAL SYSTEMS	3.75		
AVMT255	PROPELLERS AND UNDUCTED FANS	4		

TOTAL CREDITS 15.75

**You are finished!**

Pathway Advising Notes: none

Course Advising Notes: M111: Recommended to take first semester.

COMX106: Recommended to take second semester.