

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

Start Here

SEMESTER 1		CREDITS	MILESTONE	✓
M111	Technical Mathematics	3		
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	*	
TOTAL CREDITS		24		

SEMESTER 2		CREDITS	MILESTONE	✓
COMX106	Communicating in a Dynamic Workplace	3		
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		
TOTAL CREDITS		21.5		

SEMESTER 3		CREDITS	MILESTONE	✓
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	2.25		
TOTAL CREDITS		16.25		

SEMESTER 4		CREDITS	MILESTONE	✓
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		
AVMT255	Propellers and Unducted Fans	4		

TOTAL CREDITS 15

You are finished!

Pathway Advising Notes: -Classes must be taken in the order outlined on this pathway map, beginning in the fall semester. This includes M111 and COMX106.

-Program requires full-time enrollment (unless granted permission by the instructor).

-In order to advance, all previous semester classes must be passed with a C- or better.

-Semester 3 is taken in the summer.

Course Advising Notes: M111: This is the math class recommended for students in skilled trades programs, but other higher math classes may be substituted. Your advisor can help determine placement.