Academic Pathway

Airframe Aviation Maintenance Technology

Certificate of Applied Science

Academic & Career Pathway: Airframe Aviation Maintenance Technology

Student: Advisor:

Course/Semester (Prefix, Number and Title)	Credits	Fall/Spring Only	Milestone Course	Notes	Completed
Semester 1 First Year Students, Fall **AVMT General Courses**				**Summer semester required in AVMT.**	
AVMT 100 Intro to Aviation/Math 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 Operations and Servicing	1.5				
AVMT 125 Maintenance Publications/Forms & Records/Mechanic Privileges & Limitations	3				
AVMT 130 Basic Aerodynamics	3				
M111T Technical Math	3			Recommended to take first fall semester.	
Total Credits	24			Will Require Overload Signature	
Semester 2 First Year Students, Spring **AVMT Airframe Courses**					
AVMT 135 Assembly and 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	2.5				
AVMT 187 Aircraft Instruments, Communication and Navigation Systems	2.25				

WRIT 121T Technical Writing	3				
COMX 106 Communicating in a Dynamic Workplace	2			It is ideal for students to take COMX 106 in Semester 2 of the program, but it may be offered at other times.	
Total Credits	23.75			Will Require Overload Signature	
Semester 3 First Year Students, Summer AVMT Airframe Courses					
AVMT 155 Aircraft Coverings and Finishes	2				
AVMT 160 Aircraft Welding	3				
AVMT165 Hydraulic and Pneumatic Systems	3				
AVMT 170 Aircraft Landing Gear, Position and Warning Systems	3				
AVMT 180 Aircraft Fuel Systems/Fire Protection Systems/Ice and Rain Control	3				
AVMT 185 Cabin Atmosphere Control Systems	2.5				
Total Credits	16.5				

Students must earn a C- or better in order to successfully complete a course