

Aviation Technology - Airframe Certificate Pathway

Hard Outcome

Completion of this pathway will lead to the completion of the first 2 semesters of the **Aviation Maintenance Technology Airframe Certificate** through **Columbus State Community College**.

Period	Grade 9		Grade 10		Grade 11		Grade 12	
	Autumn Semester	Spring Semester	Autumn Semester	Spring Semester	Autumn Semester	Spring Semester	Autumn Semester	Spring Semester
Per. 1	English I		English II		ENG 1100 Coll Comp I	ENG 2367 Coll Comp II	Columbus State Community College Bolton Field 8:00 am - 2:00 pm	Columbus State Community College Bolton Field 8:00 am - 2:00 pm
Per. 2	Algebra 1		Geometry		Algebra 2			
Per. 3	Physical Science		Biology		Chemistry		AMT 1101 Intro to Aviation	AMT 1106 Basic Electric for the AMT
Per. 4	Modern World History		US History		US Govt	Global Politics	AMT 1102 Aircraft Weight & Balance	AMT 2101 Aircraft Metallic Structures
Per. 5	Phys. Ed.	Phys. Ed.	Health	Fine Arts	Personal Finance	Fine Arts	AMT 1103 Aircraft Materials	AMT 2102 Aircraft Electrical Systems
Per. 6	World Language I		World Language II		World Language III		AMT 1104 AMT Regulation & Inspect	
Per. 7						MATH 1113 Tech Math	AMT 1105 Ground Oper & Servicing	

Future Potential

The Airframe Certificate could be completed during the subsequent Summer and Autumn semesters leading to jobs earning up to \$65,000 with this certification.

Post High School Graduation

Summer Semester	AMT 2103 Aircraft Inst & Fire Protect (3)	AMT 2104 Aircraft Fuel Systems (2)	AMT 2105 Aircraft Non-Metal Struct (5)	
Autumn Semester	AMT 2106 Comm & Nav Systems (2)	AMT 2107 Aircraft Env Controls (2)	AMT 2108 Air Land Gear & Fluid Power (4)	AMT 2109 Airframe Inspection (6)

Columbus State Courses

Code	Course	Credit Hours
ENG 1100	College Comp I	3
ENG 2367	College Comp II	3
MATH 1113	Technical Math	3
AMT 1101	Intro to Aviation	2
AMT 1102	Aircraft Weights & Balances	2
AMT 1103	Aircraft Materials	4
AMT 1104	AMT Regulation & Inspection	3
AMT 1105	Ground Operations & Servicing	2
AMT 1106	Basic Electricity for the AMT	6
AMT 2101	Aircraft Metallic Structures	6
AMT 2102	Aircraft Electrical Systems	6
Total		40