

Aviation Technology - Powerplant Certificate Pathway

Hard Outcome

Completion of this pathway will lead to the completion of the first 2 semesters of the **Aviation Maintenance Technology Powerplant 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		MATH 1113 Tech Math	MATH 1148 Coll Algebra		
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 2102 Aircraft Electrical Systems
Per. 5	Phys. Ed.	Phys. Ed.	Health	Fine Arts	Personal Finance	Fine Arts	AMT 1103 Aircraft Materials	
Per. 6	World Language I		World Language II		World Language III		AMT 1104 AMT Regulation & Inspect	Summer Semester
Per. 7						MATH 1113 Tech Math	AMT 1105 Ground Oper & Servicing	AMT 2103 Aircraft Inst & Fire Protect (3)

Future Potential

The Powerplant 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

Autumn Semester	AMT 2201 Turbine Engine Maint I (5)	AMT 2202 Turbine Engine Maint II (5)	AMT 2203 Recip Engine Maintenance I (5)
Spring Semester	AMT 2204 Recip Engine Maintenance II (5)	AMT 2205 Propellers (2)	AMT 2206 Powerplant Inspection (4)

Columbus State Courses

Code	Course	Credit Hours
ENG 1100	College Comp I	3
ENG 2367	College Comp II	3
MATH 1113	Technical Math	3
MATH 1148	College Algebra	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 2102	Aircraft Electrical Systems	6
Total		37