

## Aviation Technology - Associate Degree Pathway

### Hard Outcome

Completion of this pathway will lead to the completion of the first 2 semesters of the **Associates Degree in Aviation Maintenance Technology** 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	<b>Columbus State Community College Bolton Field 8:00 am - 2:00 pm</b>	<b>Columbus State Community College Bolton Field 8:00 am - 2:00 pm</b>
Per. 2	Algebra 1		Geometry		MATH 1113 Tech Math	MATH 1148 Coll Algebra		
Per. 3	Physical Science		COLS 1100 1st Yr Exp	BIO 1111 Intro to Bio	Chemistry		AMT 1101 Intro to Aviation	AMT 1106 Basic Elec for the AMT
Per. 4	Modern World History		ENGT 1115 Eng Graph	PSY 1100 Int to Psych	HIST 1152 Amer Hist	US Govt	AMT 1102 Aircraft Weight & Balance	AMT 2101 Aircraft Metallic Structures
Per. 5	Phys. Ed.	Phys. Ed.	Health	BMGT 1111 Managmnt	Personal Finance	EET 1115 Basic Dig Systems	AMT 1103 Aircraft Materials	AMT 2102 Aircraft Electrical Systems
Per. 6	World Language I				ITST 1101 Com App Concepts	ITST 1123 PC Tech Essentials	AMT 1104 AMT Regulation & Inspect	
Per. 7							AMT 1105 Ground Oper & Servicing	

### Future Potential

Transfer to a 4-year institution for additional training to lead to administrative and supervisory roles in the field of aviation technology.

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

## Columbus State Courses

Code	Course	Credit Hours
COLS 1100	1st Year Experience Seminar	1
ENGT 1115	Engineering Graphics	3
BIO 1111	Intro to Biology	4
PSY 1100	Intro to Psychology	3
BMGT 1111	Management	3
ENG 1100	College Comp I	3
ENG 2367	College Comp II	3
MATH 1113	Technical Math	3
MATH 1148	College Algebra	3
HIST 1152	American History	3
ITST 1101	Communication Apps & Concepts	2
ITST 1123	PC Technology Essentials	3
EET 1115	Basic Digital Systems	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
<b>Total</b>		<b>68</b>