

Aviation Mechanics Powerplant Certificate

Engineering & Information Technologies

2025-2026 Curriculum

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
AMT-100	Aviation Standard Practices		4	6	6
AMT-105	Aircraft Orientation		2	5	4
AMT-110	Aircraft Electricity		3	3	4
AMT-115	Aircraft Weight and Balance		3	3	4
MAT-122	Aviation Mathematics		2	2	3
					21
Semester 2					
AMT-201	Powerplant Maintenance 1	AMT 100 and AMT 105	4	6	6
AMT-215	Aircraft Propellers	AMT 105 and AMT 115	2	2	3
PHY-115	Aviation Maintenance Physics	MAT 120	3	3	4
					13
Semester 3					
AMT-202	Powerplant Maintenance 2	AMT 201	4	6	6
AMT-205	Starting and Ignition Systems	AMT 105 and AMT 110	3	4	5
					11
Semester 4					
AMT-203	Powerplant Maintenance 3	AMT 202	4	6	6
AMT-210	Engine Fuel and lubrication Systems	AMT 100 and AMT 105	4	6	6
					12
Total					57