

Aviation Mechanics Powerplant Certificate

Center for Innovative Technologies Division

2014-2015 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-121	Technical Algebra and Geometry with Statistics		2	2	3
					21
Semester 2					
AMT-201	Powerplant Maintenance 1	AMT 100 and AMT 105	6	4	8
AMT-215	Aircraft Propellers	AMT 105 and AMT 115	2	2	4
ENG-101	English Composition		3	0	3
PHY-121	Technical Physics 1		2	3	3
					18
Semester 3					
AMT-202	Powerplant Maintenance 2	AMT 201	5	5	7
AMT-205	Starting and Ignition Systems	AMT 105 and AMT 110	3	4	5
PHY-122	Technical Physics 2	PHY 121 or BMT 151	2	3	3
					15
Semester 4					
AMT-200	Engine Instruments and Electrical Systems	AMT 105 and AMT 110	4	3	5
AMT-203	Powerplant Maintenance 3	AMT 202	4	2	5
AMT-210	Engine Fuel and lubrication Systems	AMT 100 and AMT 105	5	5	7
					17
Total					71