

Avionics 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-140	Airframe Electrical Systems	AMT 105, AMT 110	4	4	6
AMT-150	Airframe Systems	AMT 100, AMT 105, AMT 110	3	3	4
AMT-155	Airframe Assembly and Rigging	AMT 100, AMT 105, MAT 121	3	4	5
ENG-101	English Composition		3	0	3
					18
Semester 3					
AMT-200	Engine Instruments and Electrical Systems	AMT 105, AMT 110	4	3	5
AMT-271	Avionics 1	AMT 155	3	2	4
PHY-121	Technical Physics 1	MAT 120	2	3	3
					12
Semester 4					
AMT-272	Avionics 2	AMT 271	3	2	4
PHY-122	Technical Physics 2	PHY 121 or BMT 151	2	3	3
					7
Total					58