

Aviation Maintenance Technology
Center for Innovative Technologies Division
 2014-2015 Curriculum

Note: All degree seeking students must complete a First Year Experience (FYE) course as part of the first 12 credit hours taken at Cincinnati State.

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 w/ Stats		2	2	3

21

Semester 2					
AMT-120	Aircraft Non-Metal Structures	AMT 105	3	4	5
AMT-130	Aircraft Welding Processes		2	2	3
AMT-135	Aircraft Landing Gear Systems	AMT 105 and MAT 121	3	5	5
AMT-140	Airframe Electrical Systems	AMT 105 and AMT 110	4	4	6
ENG-101	English Composition		3	0	3
PHY-121	Technical Physics 1	MAT 120	2	3	3

25

Semester 3					
AMT-125	Aircraft Metal Structures	AMT 100 and AMT 105	3	5	5
AMT-145	Airframe Electronic Systems	AMT 105 and AMT 110	2	1	2
AMT-150	Airframe Systems	AMT 100, 105, AND 110	3	3	4
AMT-155	Airframe Assembly and Rigging	AMT 100, 105, and MAT 121	3	4	5
AMT-160	Airframe Inspection	AMT 105 and AMT 115	1	3	2
PHY-122	Technical Physics 2	PHY 121 or BMT 151	2	3	3

21

Semester 4					
AMT-191	Part-time Cooperative Education 1: AMT	AMT 100	1	20	1
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-104	Composition & Technical Communication	See Catalog	3	0	3

16

Semester 5					
AMT-192	Part-Time Cooperative Education 2: AMT	AMT 191	1	20	1
AMT-202	Powerplant Maintenance 2	AMT 201	5	5	7
AMT-205	Starting and Ignition Systems	AMT 105 and AMT 110	3	4	5
COMM-110	Public Speaking	ENG 101	3	0	3
ECO-1XX	Economics Elective		3	0	3
PSY-100	Applied Psychology: Human Relations		3	0	3

22

Semester 6					
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
AMT-193	Part-time Cooperative Education 3: AMT	AMT 192	1	20	1
PHI-110	Ethics	ENG 101	3	0	3

16

Total **121**

Economics Elective: ECO 105, ECO 110