

AIRCRAFT MAINTENANCE TECHNOLOGY - AIRFRAME, ASSOCIATE IN APPLIED SCIENCE



**APPLIED
TECHNOLOGY**

Program Requirements

Program Prerequisites: None

Code	Title	Credits	Semester
Required Courses			
AMT124	Aircraft Forms, Regulations, Weight and Balance, Drawings and Ground Operations	5	_____
AMT126	Fundamentals of Mathematics and Electricity	9	_____
AMT128	Physics for Aviation, Corrosion Control, Materials, Hardware, Processes, Fluid Lines and Fittings	5	_____
AMT220	Fundamentals of Bonded Composite and Wooden Aircraft Structures, Fabric Coverings and Finishes	3	_____
AMT222	Atmosphere Control, Fire Detection, Ice and Rain Protection Systems	4	_____
AMT224	Aircraft Metallic Structures	5	_____
AMT226	Aircraft Hydraulics, Pneumatics, Fuel, Landing Gear, Positioning and Warning Systems	7	_____

AMT228	Aircraft Electrical, Instruments, Communication and Navigation Systems	7	_____
AMT230	Airframe Assembly and Inspection	6	_____
FYE101	Introduction to College, Career and Personal Success	1-3	_____
or FYE103	Exploration of College, Career and Personal Success		_____

General Education

Core

First-Year Composition

ENG101	First-Year Composition	3	_____
or ENG107	First-Year Composition for ESL		_____
ENG102	First-Year Composition	3	_____
or ENG108	First-Year Composition for ESL		_____

Oral Communication

Select one of the following:		3	_____
COM100	Introduction to Human Communication		_____
COM110	Interpersonal Communication		_____
COM225	Public Speaking		_____
COM230	Small Group Communication		_____

Critical Reading

Select one of the following:		0-3	_____
CRE101	College Critical Reading and Critical Thinking		_____
Or equivalent as indicated by assessment			_____

Mathematics

Select one of the following:		3-6	_____
MAT120	Intermediate Algebra		_____
MAT121	Intermediate Algebra		_____
MAT122	Intermediate Algebra		_____
MAT126	Intermediate Algebra with Review		_____

Distribution

Humanities, Arts and Design

Any approved general education course(s) from the Humanities, Arts and Design area	3	_____
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<i>Social and Behavioral Sciences</i>		_____
Any approved general education course(s) in the Social and Behavioral Sciences area	3	_____
<i>Natural Sciences</i>		_____
PHY101	Introduction to Physics	4 _____
Total Credits		74-82 _____