

AIRCRAFT MAINTENANCE TECHNOLOGY - POWERPLANT, ASSOCIATE IN APPLIED SCIENCE



**APPLIED
TECHNOLOGY**

Program Requirements

Program Prerequisites: None

Code	Title	Credits	Semester
Required Courses			
AMT124	Aircraft Forms and Regulations, Weight and Balance, Drawings, and Ground Operations	5	_____
AMT126	Fundamentals of Mathematics and Electricity	9	_____
AMT128	Fundamentals of Aviation Physics, Corrosion Control, Materials and Processes, Fluid Lines and Fittin	5	_____
AMT263	Aircraft Turbine Engines	5	_____
AMT264	Aircraft Reciprocating Engines	7	_____
AMT266	Engine Fuel Systems, Fuel Metering and Induction System	6	_____
AMT268	Engine Electrical, Ignition and Starter Systems	6	_____
AMT270	Engine Instruments, Fire Protection And Lubrication, Cooling And Exhaust Systems	5	_____
AMT272	Propeller Systems and Engine Inspections	4	_____

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	_____
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or ENG107 First-Year Composition for ESL _____

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

Oral Communication _____

Select one of the following: 3 _____

COM100	Introduction to Human Communication		_____
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COM110	Interpersonal Communication		_____
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COM225	Public Speaking		_____
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COM230	Small Group Communication		_____
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Critical Reading _____

Select one of the following: 0-3 _____

CRE101	College Critical Reading and Critical Thinking		_____
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Or equivalent as indicated by assessment _____

Mathematics _____

Select one of the following: 3-6 _____

MAT120	Intermediate Algebra		_____
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MAT121	Intermediate Algebra		_____
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MAT122	Intermediate Algebra		_____
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MAT126	Intermediate Algebra with Review		_____
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Distribution _____

Humanities, Arts and Design _____

Any approved general education course(s) from the Humanities, Arts and Design area 3 _____

Social and Behavioral Sciences _____

Any approved general education course(s) in the Social and Behavioral Sciences area 3 _____

Natural Sciences _____

2 *Aircraft Maintenance Technology - Powerplant, Associate in Applied Science*

PHY101	Introduction to Physics	4	_____
Total Credits		75-83	_____