

AIRCRAFT MAINTENANCE TECHNOLOGY - POWERPLANT, ASSOCIATE IN APPLIED SCIENCE



**APPLIED
TECHNOLOGY**

Associate in Applied Science: AAS 3665

75-83 Credits

Program Contact

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Program Description

The Associate in Applied Science (AAS) in Aircraft Maintenance Technology - Powerplant degree is designed to provide students with strong General Education skills in support of their aviation maintenance knowledge. This degree prepares students to enter careers in aircraft (fixed-wing and rotorcraft), powerplant manufacturing and maintenance. Students who complete this degree can potentially work in general, corporate, commercial, manufacturing, and military sectors. Graduates are eligible to apply for relevant Federal Aviation Administration (FAA) written, oral, and practical exams. A Certificate of Completion (CCL) in Aircraft Maintenance Technology - Powerplant is also available.

Program Notes

Students must earn a grade of "C" or better in all courses within the program. Overall program minimum GPA = 2.00.

++ indicates any suffixed course may be selected.

Admission Criteria

Students wishing to enroll in this Aircraft Maintenance Technology - Powerplant program must complete an application process before being officially accepted into the program.

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			
<i>First-Year Composition</i>			
ENG101	First-Year Composition	3	_____
or ENG107	First-Year Composition for ESL		_____
ENG102	First-Year Composition	3	_____
or ENG108	First-Year Composition for ESL		_____
<i>Oral Communication</i>			
Select one of the following:		3	_____
COM100	Introduction to Human Communication		_____
COM110	Interpersonal Communication		_____
COM225	Public Speaking		_____
COM230	Small Group Communication		_____
<i>Critical Reading</i>			
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	_____
Social and Behavioral Sciences			
Any approved general education course(s) in the Social and Behavioral Sciences area		3	_____
Natural Sciences			
PHY101	Introduction to Physics	4	_____
Total Credits		75-83	_____