

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 | _____ |
|--------|------------------------|---|-------|

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 _____

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 | _____ |