

# AIRCRAFT MAINTENANCE TECHNOLOGY - AIRFRAME, ASSOCIATE IN APPLIED SCIENCE



**APPLIED  
TECHNOLOGY**

## Program Requirements

Program Prerequisites: None

Code	Title	Credits	Semester
<b>Required Courses</b>			
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	
AMT220	Fundamentals Of Aircraft Wood Structures, Covering And Finishing, And Bonded Structures	3	
AMT222	Atmosphere Control, Fire Detection, Ice and Rain Protection Systems	4	
AMT224	Aircraft Sheet Metal	5	
AMT226	Aircraft Landing Gear, Hydraulic, Pneumatic, Fuel, Position And Warning Systems	7	

AMT228	Aircraft Electrical Systems, Instruments, Fuel Indicating, Communication And Navigation Systems	7	
AMT230	Airframe Assembly, Inspection And Welding	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	_____
<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	_____
<b>Total Credits</b>	<b>74-82</b>	_____