

AIRCRAFT MAINTENANCE TECHNOLOGY, ASSOCIATE IN APPLIED SCIENCE



**APPLIED
TECHNOLOGY**

Program Requirements

Program Prerequisites: None

Code	Title	Credits	Semester
Required Courses			
Select one of the following:		0-19	
AMT124 & AMT126 & AMT128	Aircraft Forms and Regulations, Weight and Balance, Drawings, and Ground Operations and Fundamentals of Mathematics and Electricity and Fundamentals of Aviation Physics, Corrosion Control, Materials and Processes, Fluid Lines and Fittin		
Hold a valid FAA Airframe or Powerplant Certificate			
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	
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			_____
<i>Mathematics</i>			_____
Select one of the following:		3-6	_____
MAT120	Intermediate Algebra		_____
MAT121	Intermediate Algebra		_____
MAT122	Intermediate Algebra		_____
MAT126	Intermediate Algebra with Review		_____
Distribution			_____
<i>Humanities, Arts and Design</i>			_____
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	_____
Total Credits		88-115	_____