

PROGRAM OF STUDY

Aviation Maintenance Technology Associate in Science Degree

Upon successful completion of the program, students will have met all the requirements needed to take the aircraft Airframe and Powerplant mechanic exams. This program is approved by the Federal Aviation Administration as an approved Aircraft Maintenance Technician School.

Required Courses - 60 units

		Units
AMT11	Basic Electricity, Propellers, and Human Factors	3.5
AMT11L	Basic Electricity and Propellers Laboratory	1.5
AMT12	Materials & Processes, Electrical Systems, and Communication & Navigation Systems	3.5
AMT12L	Materials & Processes, Electrical Systems, and Communication & Navigation Systems Laboratory	1.5
AMT13	Maintenance Publications, Mechanic Privileges and Limitations, hydraulics, Landing Gear, and Cabin Atmosphere Control Systems	3.5
AMT13L	Maintenance Publications, Mechanic Privileges and Limitations, hydraulics, Landing Gear, and Cabin Atmosphere Control Systems Laboratory	1.5
AMT21	Unducted Fans, Auxiliary Power Units, Basic Physics, Assembly & Rigging, and Weight & Balance	3.5
AMT21L	Unducted Fans, Auxiliary Power Units, Basic Physics, Assembly & Rigging, and Weight & Balance Laboratory	1.5
AMT22	Aircraft Composite Structures, Aircraft Wood Structures, and Welding	3.5
AMT22L	Aircraft Composite Structures, Aircraft Wood Structures, and Welding Laboratory	1.5
AMT23	Aircraft Finishes, Aircraft Covering, Lubrication Systems, and Ignition & Starting Systems	3.5
AMT23L	Aircraft Finishes, Aircraft Covering, Lubrication Systems, and Ignition & Starting Systems Laboratory	1.5
AMT31	Turbine Engines	3.5
AMT31L	Turbine Engines Laboratory	1.5
AMT32	Aircraft Sheetmetal Structures, Aircraft & Engine Instruments, and Ice & Rain Protection	3.5
AMT32L	Aircraft Sheetmetal Structures, Aircraft & Engine Instruments, and Ice & Rain Protection Laboratory	1.5
AMT33	Aircraft Reciprocating Engines	3.5
AMT33L	Aircraft Reciprocating Engines Laboratory	1.5
AMT41	Aircraft & Engine Fuel Systems, Fuel Metering Systems, and Aircraft & Engine Fire Protection Systems	3.5
AMT41L	Aircraft & Engine Fuel Systems, Fuel Metering Systems, and Aircraft & Engine Fire Protection Systems Laboratory	1.5
AMT42	Aircraft Drawings, Mathematics, Fluid Lines & Fittings, Airframe Inspection, and Cleaning & Corrosion Control.	3.5
AMT42L	Aircraft Drawings, Mathematics, Fluid Lines & Fittings, Airframe Inspection, and Cleaning & Corrosion Control Laboratory	1.5
AMT43	Engine Exhaust, Induction, and Cooling Systems, Engine Electrical, Engine Inspection, and Ground Operations & Servicing	3.5
AMT43L	Engine Exhaust, Induction, and Cooling Systems, Engine Electrical, Engine Inspection, and Ground Operations & Servicing Laboratory	1.5

Total Units

60

Effective Term: Fall
2015

PID 359