

2019-2020

Aviation Maintenance Technology

Certificate of Achievement

Lyle Lane

Faculty Advisor/Program Director

Student Name

Academic Advisor

575.624.7022

Telephone Number

Student ID Number

Date

Advisor's Notes/Recommendations:

- In order to improve student success probability and reduce unnecessary attrition, all new students must take the University Skills Placement Test prior to entering the program.
- Students with a deficiency in mathematics are strongly urged to complete developmental mathematics prior to registration in the Aviation Maintenance program.
- Mandatory Drug Screening is required during the first week of the program and will be scheduled by the Aviation Maintenance program faculty. Students must pass the mandatory drug screening to remain in the program. Appeals can be made according to the process outlined in the Student Handbook.
- FAA Approved – FAR Part 147 Subjects
- Subject sequence may be altered to accommodate section and equipment scheduling.

Note * Prerequisite/s required: See list below

Aviation Maintenance Course Requirements			Credit Hours	Grade	Semester
GAMT	101	Aviation Science	3 hrs.		
GAMT	102	Shop Practices	3 hrs.		
GAMT	103	Ground Operations	3 hrs.		
GAMT	104	Federal Regulations	2 hrs.		
GAMT	105	Weight and Balance	2 hrs.		
GAMT	106	Basic Electricity	3 hrs.		
AFRM	101	Aircraft Electrical Systems	3 hrs.		
AFRM	102	Assembly and Rigging	2 hrs.		
AFRM	103	Sheet Metal Structures	5 hrs.		
AFRM	104	Welding	2 hrs.		
AFRM	105	Wood, Fabric, and Finishes	3 hr.		
AFRM	106	Composite Structures	3 hrs.		
AFRM	107	Instruments and Navigation/Communication	2 hrs.		
AFRM	108	Hydraulic, Pneumatic, and Fuel Systems	4 hrs.		
AFRM	109	Landing Gear Systems	3 hrs.		
AFRM	110	Aircraft Auxiliary Systems	4 hrs.		
AFRM	111	Aircraft Inspection	2 hrs.		
PWPL	101	Fuel Metering and Induction Systems	4 hrs.		
PWPL	102	Aircraft Propellers	3 hrs.		
PWPL	103	Aircraft Powerplant Electrical Systems	4 hrs.		
PWPL	104	Aircraft Reciprocating Engines	3 hrs.		
PWPL	105	Aircraft Reciprocating Engine Overhaul	6 hrs.		
PWPL	106	Aircraft Turbine Engine Theory	3 hrs.		
PWPL	107	Turbine Engine Overhaul	4 hrs.		
PWPL	108	Aircraft Powerplant Inspection	2 hrs.		
			78 hrs.		

TOTAL HOURS REQUIRED FOR CERTIFICATE 78 hrs.