

AVIATION MAINTENANCE TECHNOLOGY / BACHELOR OF SCIENCE

Total Credit Hours: 120-129

Major Credit Hours: 77

This program is designed for the student who is planning a career in aviation maintenance management. The successful student will have a minimum of 120 credit hours and receive Lewis University Certificates of Completion for both Airframe and Powerplant and must also earn their Federal Aviation Administration Airframe and Powerplant Certifications.

Requirements

Degree Requirements

Code	Title	Hours
Core Courses		
AVMT 10600	Aviation Fundamentals	4
AVMT 11000	Aircraft Structures 1	4
AVMT 12000	Aircraft Electricity 1	4
AVMT 13000	Airframe Inspection	3
AVMT 20000	Aircraft Instruments	4
AVMT 20100	Aviation Math and Physics	4
AVMT 21000	Aircraft Structures 2	4
AVMT 22000	Aircraft Electricity 2	4
AVMT 23000	Aircraft Systems 1	3
AVMT 31000	Aircraft Reciprocating Engines	4
AVMT 32000	Aircraft Systems 2	3
AVMT 33000	Aircraft Engine Accessories	4
AVMT 41000	Gas Turbine Powerplants	4
AVMT 42000	Aircraft Propellers	4
AVMT 42500	Aviation and Aerospace Propulsion Systems	3
AVMT 43000	Aircraft Inspection and Engine Testing	4
AVMT 46100	Aviation Maintenance Management	3
AVMT 47000	Helicopter Maintenance and Theory	4
AVTR 30000	Professional Development for Aviators	1
AVTR 37300	Transportation Safety Management Systems	3
Electives		
Select two of the following:		6
AVMT 46000	Aviation Shop Management	
AVTR 43000	Labor Relations in Transportation	
AVTR 45000	Issues and Trends in Transportation	
AVTR 46300	Aircraft Accident Investigation	
AVTR 47500	Large Jet Familiarization	
AVTR 49800	Internship or Field Placement	
Total Hours		77

Advanced Writing Requirement

The advanced writing requirement is met by successful completion of AVTR 37300 Transportation Safety Management Systems.

General Education Courses

One science general education requirement is met by AVMT 20100 Aviation Math and Physics.

¹ For details on additional required General Education courses, see the General Education Requirements (<https://catalog.lewisu.edu/undergraduate/general-information/general-education/>) section of this Undergraduate Catalog and consult with an advisor.