

# AVIATION MAINTENANCE MAJOR (B.S.)

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## Purpose

The purpose of the Aviation Maintenance degree program is to prepare students for management and leadership roles in the aviation maintenance field. The curriculum expands on the School of Aeronautics AMTS (A&P) training for FAA aviation mechanic licensure. It builds on, and strengthens, fundamental skills and principles taught during the AMTS training. The degree delves into broader topics facing an FAA licensed mechanic such as Human Factors and Safety.

The FAA certification portion of this program (all AVMT courses) is designed to be completed in 12-consecutive months.

Note: Based on FAA requirements, the AVMT courses (45 hours) listed on this degree cannot be offered online and must be taken residentially at Liberty University. You may complete FAA mechanic certification with Airframe and Powerplant ratings outside of Liberty University and Prior Learning Assessment (PLA) credit may be awarded for licensure to meet the requirements of the AVMT courses (45 hrs.)

## Program Learning Outcomes

The student will be able to:

- Apply Biblical principles within the aviation maintenance environment.
- Apply science, technology, and mathematics in the area of aviation maintenance.
- Promote a healthy organizational safety culture in the aviation maintenance industry.
- Solve aviation maintenance issues and problems individually, and within a team environment.
- Apply written and oral communication skills as they pertain to aviation maintenance.
- Mentor others in leadership skills and qualities.

## Programs of Study

### Delivery Format: Residential Only

- Aviation Maintenance (B.S.) - Management - Resident
- Aviation Maintenance (B.S.) - Unmanned Aerial Systems - Resident

## Career Opportunities

- Aircraft mechanic
- Maintenance manager
- UAS maintenance manager
- Government and military mechanic