



AVIATION TECHNOLOGIES

FEATURED CAREER PATHWAYS

AVIATION MAINTENANCE

The Aviation Maintenance program teaches the maintenance and repair of aircraft mechanical systems. Students are prepared for highly technical jobs in aviation mechanics. Students are guided through hands-on training by experienced instructors who ensure students are job-ready. ALA-AT offers testing for industry certification with the Federal Aviation Administration. This is a four year program.

AIR TRANSPORTATION

In the ground portion of flight school, students can earn their FAA private pilot certificate in a single engine aircraft. Students will also be eligible for certification for a remote pilots licence with UAVs (unmanned aerial vehicle). We have partnered with Embry Riddle Aeronautical University to deliver this program.

WHAT IS IT

Those who dream of hitting the skies can do so for a living, whether it be in the pilot's seat or on the ground. Careers in aviation offer many opportunities for advancement in piloting, engineering and mechanics, airport operations, and aircraft manufacturing.

WHAT WILL I DO?

Many aviation and aerospace manufacturing companies hire technicians and engineers to perform repairs and maintenance services on various types of aircraft before they are sold. Others may need technicians to perform tests and develop new elements for various aircraft. Those with a strong background and a degree in mathematics, science, or industrial engineering may fare particularly well in aviation.

LEADS TO THESE CAREERS

- Commercial Pilot
- Private Aircraft Pilot
- Unmanned Aerial Pilot
- Aircraft Mechanic
- Air Traffic Controller
- Airport Manager
- Airfield Operations Specialist
- Aeronautical Engineer

IS THIS FOR ME?

Are you a mechanically-minded, hands-on person?
Do you enjoy working in a team environment providing solutions to complex challenges?
Do you have strong critical thinking skills and enjoy hands-on work?



APPLIED TECHNOLOGIES



PROGRAM OF STUDY

The aviation mechanics program is a 4 year program that begins in the 9th grade year.

9TH-12TH GRADE: Aviation mechanics courses



After completion of the program, students are eligible to test with the Federal Aviation Administration (FAA) for airframe, general, and powerplant certifications.

Air Transportation is a three year program beginning in the sophomore year.

9TH GRADE: College & Career Readiness, Business 101

10TH-12TH GRADE: Courses in weather systems, plane systems, air traffic control, pilot ground school, and drone piloting.

Students in the aviation program can earn their private pilot license and/or unmanned aircraft systems remote pilot certificate.

BECOME A LEADER

Aviation students will work in a team oriented atmosphere with the opportunity to take leadership positions within the aviation program.



"When once you have tasted flight, you will forever walk the earth with your eyes turned skyward, for there you have been, and there you will always long to return." – Leonardo DaVinci