

A.S. in Aviation Maintenance Science

At the beginning and end of every flight carried out by every commercial, private, or military aircraft and spacecraft is the work of a professional aviation maintenance expert. Without the devotion of these highly skilled people, the air space travel system would cease to function. The demand for degreed aircraft maintenance technicians in the aviation/aerospace world has never been greater than it is today. The Aviation Maintenance Science (AMS) program at Embry-Riddle Aeronautical University produces these aviation professionals, which are regarded by the industry as the best in the world.

The Aviation Maintenance Science Associate's degree consists of general education courses, technical courses, and laboratories, which prepare the student to obtain the FAA Airframe and Powerplant (A&P) mechanic's certification. The degree is composed of 66 total credit hours, 18 hours of general education coursework, and 48 hours of airframe and powerplant technical courses. The requirements of the Associate's degree are designed to flow seamlessly into the AMS Bachelor of Science degree.

Credit will be granted to any student who enters the university already in possession of their airframe, powerplant, airframe and powerplant certifications, or a certificate of completion for the general, airframe, or powerplant curriculum from an approved Part 147 school. International certifications, which may be equivalent to the Airframe and Powerplant certification, will be evaluated on a case-by-case basis and, if approved, may be used for academic credit only.

General Education Requirements

For a full description of Embry-Riddle General Education guidelines, please see the General Education section of this catalog. These minimum requirements are applicable to all degree programs.