

Minor in Aviation Maintenance Science Powerplant

The minor in Aviation Maintenance Science Powerplant will lead to a student being qualified for FAA testing, and upon passing the required exams, becoming an FAA-certified mechanic with the powerplant rating. The minor requires 12 credit hours of general AMS coursework plus 18 credit hours of powerplant-specific AMS coursework. In order to receive this minor, a minimum GPA of 2.0 must be achieved in the AMS general courses and also a minimum of 2.0 in the AMS powerplant courses. For a transfer student, at least 50% of the courses required for this minor must be taken at Embry-Riddle. For a student who has completed the Aviation Maintenance Science Airframe minor, or has the FAA Mechanic's Certificate with airframe rating, only the 18 credits of powerplant-specific courses will be needed to complete this minor.

Some majors may not be eligible to pair with this minor. See the Minor Restrictions (<https://catalog.erau.edu/programs/undergraduate/minors/restrictions/>) list for details.

Daytona Beach Minor Requirements

AMST 115	Aviation Mathematics and Physics	2
AMST 116	Fundamentals of Electricity	4
AMST 117	Tools, Materials and Processes	4
AMST 118	Aircraft Familiarization and Regulations	2
AMST 271	Aircraft Reciprocating Powerplant and Systems	3
AMST 272	Powerplant Electrical and Instrument Systems	3
AMST 273	Propeller Systems	2
AMST 274	Aircraft Turbines Powerplants and Systems	4
AMST 375	Repair Station Operations	3
AMST 376	Powerplant Line Maintenance	3
Total Credits		30