

B.S. in Aeronautics

The Aeronautics degree is a multi-disciplinary program for those who plan to lead the aviation industry into the future. If you are a veteran or a working professional, the Aeronautics degree allows you to build on the foundation of yesterday's experience and emerge as tomorrow's aviation leader. If you are beginning your university career as a budding aviation professional, the Aeronautics degree will provide you the freedom and direction to bring your creativity and ingenuity to life. If your dream is to become an aviation professional with the multi-faceted skills that the future requires, then the Aeronautics degree program will help fuel your success.

Aviation Area of Concentration

The Aviation Area of Concentration is the degree component where students can select courses from various aviation-related fields. In addition, the AAOC portion of the degree is where credit for prior aviation learning is applied. Forty credit hours are needed to satisfy the requirements of this portion of the Aeronautics degree. All or part of the credit needed for this degree requirement may be awarded based on prior aviation training or experience. To complete the AAOC, in addition to any prior learning credit, students may select from courses in Aeronautical Science, Flight, Air Traffic Management, Safety (aviation-related), or Meteorology (aviation-related).

Evidence of Prior Aviation Learning

Applicants who qualify for admission to and matriculate in the degree program may be eligible for credit for prior learning.

Applicants must be able to prove competence in an aviation occupation with authentic documentary evidence. Training and experience in closely related occupations can be combined.

Just as official transcripts are required to transfer credit from one university to another, original or authenticated documentation of prior learning from professional training and experience must be presented to qualify for Aviation Area of Concentration credit. Documentary evidence must be from objective third-party sources and clearly describe the applicant's professional training, duties, and achievements in detail. Advanced standing credit will be awarded in accordance with the applicable Embry-Riddle Curriculum Manual.

Duplicate Credit

Many Embry-Riddle courses are designed to teach the same skills and knowledge that Aeronautics students have acquired through experience and training. Students who complete courses in the same aviation specialty for which they were granted Aviation Area of Concentration credit would be duplicating coverage of the same subject matter. Credit for completion of such courses will not be applied to degree requirements.

Minor

Students must select and complete one minor field of study. Total credits within the minor will vary depending on which minor is chosen. Students typically select a minor that will enhance their aviation career. Courses required for the minor field of study may be used to fill Area of Concentration, Professional Development, or Open Elective degree requirements.