

A.S. in Aeronautics

Whether you want to break into the aviation industry, or advance your current position and earnings potential, the Associate in Science in Aeronautics degree opens the door to new opportunities in the dynamic aviation/aerospace industry.

Aeronautics curriculum is closely mapped to the needs and demands of the aviation/aerospace industry and to general education guidelines.

You will be exposed to a multidisciplinary program with courses of study in uncrewed systems, human factors, security, aviation safety, occupational safety and health, air traffic control, aircraft maintenance, and aeronautical science. Within that broad base, electives and minors allow you to tailor your degree to your particular interests and career goals.

Aviation Area of Concentration

The Aviation Area of Concentration is the degree area where credit for prior aviation learning is noted or where students can take courses to learn about aviation. Many students bring in all or part of this credit based on prior aviation training or experience. However, shortages in the minimum credit required can be made up by taking courses in the following aviation-related disciplines: Aeronautical Science, Aviation Maintenance, Aviation History, and aviation/aerospace related coursework in Safety, Security, Transportation, Engineering, and Uncrewed Systems.

Sources of prior learning credit include:

1. Transfer credit earned at accredited degree-granting colleges and universities.
2. The recommendations published by the American Council on Education for U.S. Military training and experience, as well as training conducted by other government agencies and private organizations.
3. Prior-learning credit established by the University for certain aviation licenses and ratings as they relate to this degree.

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.

Take your future to new heights!

Estimated Cost of Attendance