

The background of the advertisement is a solid blue color. At the top, a white silhouette of an airplane is shown in flight, moving from left to right. In the middle ground, three men in business attire are walking from left to right. The man in the center is carrying a briefcase. To the left, a silhouette of an airport control tower is visible. The overall scene is reflected on a glossy surface at the bottom.

AVIATION ESSENTIALS

CERTIFICATE PROGRAM

Offered by the Office of Professional Education
proed.erau.edu/enrole

EMBRY-RIDDLE
Aeronautical University



DEVELOP YOUR POTENTIAL

Whether you are just taking flight or are ready to advance in your career, the Aviation Essentials Certificate program provides the knowledge to get ahead.

Embry-Riddle Aeronautical University's Aviation Essentials Certificate (AEC) is designed to expand your knowledge of the ever-evolving aviation and aerospace industry through a unique and comprehensive curriculum. This innovative program explores key aspects of the exciting aviation industry to provide you with a solid background to launch your career or take it to the next level. Gain the insight you need as you progress through this interactive online course.

AVIATION ESSENTIALS CERTIFICATE PROGRAM

The Aviation Essentials Certificate program consists of four course modules that delve into content developed by subject-matter experts with you in mind. Learn about the history of aviation, the evolution of the modern airport, aircraft of yesterday, today, and tomorrow, the fundamentals of the complex and innovative aerospace industry, and more.

Part of Embry-Riddle's Professional Education offerings, the Aviation Essentials Certificate program is a self-paced online course designed to accommodate your busy lifestyle. No prerequisite knowledge or additional course materials are required — simply enroll at proed.erau.edu/enrole and jump in. From those new to aviation to experienced career people, anyone can benefit from this exciting and one-of-a-kind program.

Visit us online // proed.erau.edu/enrole

A historic past with a fascinating future. Explore the aviation world of yesterday and today with a focus on tomorrow.

AIRCRAFT MODULE

Aircraft come in every shape and size imaginable to fit the complex needs of the global aviation community. This module provides the technical background necessary to understand aircraft and the history of the technology behind them. It also explores the future of aircraft as more and more new technology becomes available and incorporated into design and manufacturing.

AIRPORT MODULE

Airports play a vital role in the movement of passengers and cargo worldwide. This module introduces airport operations and management, providing an overview of the history of airports, ownership and institutional forms, key partners and stakeholders, and basic infrastructure and facilities, including airfield, terminal and ground access. Additionally, the course covers airport safety programs, commercial services, security policies, environmental challenges and the future of airport operations and management.

AVIATION MODULE

Aviation has helped pave the way for a bold, exciting and intriguing future, and today it is an industry that permeates every aspect of our lives. This module develops an introductory knowledge of general aviation concepts. It provides an overview of aviation history, selected milestones, key components related to training, security, production and ways aviation shapes our daily existence.

AEROSPACE MODULE

An introduction to the massive aerospace industry, this module gives a general overview of the aerospace sector as it fits in the big picture of aviation, addressing critical issues and their impacts, and explores the current innovations and initiatives within this dynamic field. In addition, this module addresses plans and developments within the aerospace industry. It explores how cost and scheduling factors play a significant role in the success and viability of current and future aerospace programs and projects.

The Aviation Essentials Certificate program must be completed within 90 days of enrollment. Professional Education courses and certificates are non-credit-bearing and do not apply toward any Embry-Riddle degree programs. Participants are awarded four (4.0) Continuing Education Units (CEU) and a digital Embry-Riddle certificate of completion upon successful completion of all four AEC modules.

**Create a profile, register and begin today –
visit proed.erau.edu/enrole to get started.**



When you advance your education with the Embry-Riddle Office of Professional Education, you are partnering with the most respected name in aviation education and training.

Our specialized programs provide cutting-edge knowledge in a flexible learning environment to help your career reach new heights.

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Register now: Aviation Essentials
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