

Course number and Title

AVSC 2113/History of Aviation

Catalog Description:

Provides general knowledge of Aviation and Aerospace studies for all students interested in career opportunities in Aviation Science. Includes historical events in aviation and aerospace development. Examines aviation and aerospace terminology, how aircraft and space vehicles fly, research and development of future systems, government and industry roles in the growth of aviation, and potential aerospace careers. Includes field trip(s) and a student project.

Prerequisite:

None

Credit hours/ Contact hours/ Load hours:

3/3/3

Target Audience & Transferability:

Designed for students majoring in aviation science degree programs. Gives a broad foundation for further study leading to a degree in Aviation Management (the business side of aviation). Will transfer to Henderson State University as part of a Bachelor's in Aviation Management.

Common Objectives/ Student Outcomes:

Students completing this course will be able to:

1. Demonstrate a knowledge of facts pertaining to the development of the aviation and aerospace industry.
2. Be generally fluent in aviation terminology.
3. Be conversant in industry trends and future challenges.
4. Research, complete, and present a student project on a specific area of aviation.

Required Text(s):

The American Aviation Experience **A History** Southern Illinois University Press 2000

Topics:

- I. Foundations of flight (Chapters 1-4)
- II. Aviation progress-the early 20th century (Chapters 5-8, and 14)
- III. World War II (Chapter 9)
- IV. Post WWII developments-General, Commercial, and Military Aviation (Chapters 10-12).
- V. Government aviation support, African American pioneers, and Women in Aviation (Chapters 13, 15, and 16).
- VI. Space history, spin-offs, and future applications (Chapter 17).

Required Methods of Instruction:

Students will complete a class project focusing on a specific area of aviation, and will present it to the other students. Subject areas will be agreed through counsel from the instructor.

Required Forms of Assessment:

Assessment will be in the form of multiple choice and essay test questions.

Resources:

The Aviation Department Resource Center. (videos, transparencies, and periodicals)