



THE OHIO STATE UNIVERSITY
COLLEGE OF ENGINEERING

Introduction to the Aviation Industry

AVIATN 2000

Credit Hours:

3.00 - 3.00

Course Levels:

Undergraduate (1000-5000 level)

Course Components:

Lecture

Course Description:

Introduction to the aviation industry, including its elements, components, and structures. Topics include: aircraft, airports, airspace, a survey of industry segments and purposes, and careers and career paths.

Course Goals / Objectives:

- Gain an understanding of the interrelationships of industry segments.
 - Gain an understanding of North American and international aviation markets and industries.
 - Gain an understanding of aviation industry segments, such as: commercial, business, cargo, general, and military.
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Course Topics:

- Aviation Careers, Ground Operations, Flight Operations, Operations Management, Air Traffic, Airports.
 - Aviation Elements, The Airplane
 - Aviation History, past, present, and future issues and challenges
 - Aviation Regulations and Authorities
 - Safety and Security
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Designation:

Required