



Course Description

AVM 1010 | Aviation Industry Operation | 3.00 credits

The course provides insight into the development and present status of aircraft and air transportation, governmental organizations, controls and regulations, and career opportunities in the field.

Course Competencies:

Competency 1: The student will demonstrate knowledge and understanding of the aviation industry operations by:

1. Discussing the overall scope and breadth of the aviation industry
2. Including its impact on the economy and tourism
3. Distinguishing the various terms and vocabularies that are used in the aerospace and commercial aviation industry
4. Summarizing the history of the development of the aviation industry
5. Analyzing the general aviation sector and the various aspects thereof
6. Distinguishing and identifying the different types and categories of aircraft in use in the industry
7. Examining and comparing the various key specializations within a typical airline
8. Describing the role of the Federal Government and its effect on the aviation industry regarding its oversight role
9. Relating and discriminating the differences between domestic U.S. aviation operations and international aviation operations
10. Explaining the various career possibilities in aviation

Competency 2: The student will analyze and interpret the assigned aviation industry text from a variety of perspectives, including those by:

1. Identifying Commercial operators (non-airline)
2. Identifying airlines as:
 - a. recreational
 - b. private operators
3. Classifying the general aviation industry as:
 - a. cargo operators
 - b. international operators
4. Government operations

Competency 3: The student will produce reasoned, critical responses to common concerns within the aviation industry by:

1. Analyzing and breaking down the various corporate strategies used by airlines and commercial operators today
2. Identifying the benefits and drawbacks of the different types and categories of aircraft in use in the industry
3. Selecting and creating strategies for career opportunities in the aviation industry
4. Listing and pointing out various technological advances and their associated impact in the aviation industry
5. Discussing the impact of various domestic and international acts (such as the Deregulation Act of 1978) and their impact on the aviation industry

Learning Outcomes:

- Communicate effectively using listening, speaking, reading, and writing skills
- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information