



## **Course Description**

**AVM2120 | Air Cargo | 3.00 credits**

The course develops a comprehensive grasp of the characteristics and evolution of air cargo, its impact on United States industry, inherent problems and future development.

## **Course Competencies:**

**Competency 1:** The student will demonstrate the required knowledge and understanding of air cargo operations by:

1. Describing the air cargo industry, its beginnings, its current scope, and development
2. Listing careers in the air cargo industry
3. Analyzing the impact of air cargo both in the U.S. Economy and abroad
4. Examining intrastate, interstate, and international cargo operations
5. Discussing the air industry as it is found today: the different types of cargo, the different types of carriers, the major players, upstarts, and the future of the industry
6. Identifying sales and marketing ideals used in the industry, the various rates, and the various tariffs in the air cargo industry
7. Differentiating the various types of terminal facilities and equipment, including aircraft, used by the air cargo companies to run an operation
8. Defining the role and impact of the government and other regulatory agencies in the air cargo industry

**Competency 2:** The student will demonstrate the ability to work within the air cargo industry by:

1. Defining various terms and abbreviations that comprise the air cargo vocabulary
2. Analyzing the impact of air cargo on the U.S. Economy
3. Categorizing the various types of cargo and its major classifications
4. Identifying dangerous goods and hazardous materials (HAZMAT)
5. Selecting a company and identifying the best sales and marketing systems that could be implemented
6. Discussing the impact of using modern versus older equipment and implementing those decisions
7. Listing and defining regulations contained in the code of federal regulations that govern the air cargo industry

**Competency 3:** The student will produce reasoned, critical responses to common concerns in air cargo operations by:

1. Analyzing and solving problems assigned by the instructor that relate to air cargo management; the solution(s) given by the student will demonstrate will count towards the final grade of the course
2. Pointing out and discussing various technological advances and their impact on air cargo operations

## **Learning Outcomes:**

- Communicate effectively using listening, speaking, reading, and writing skills
- Solve problems using critical and creative thinking and scientific reasoning
- Use computer and emerging technologies effectively