

AVMT 211

Air Transportation

3 Credits

Community College of Baltimore County Common Course Outline

Description

AVMT 211 – Air Transportation: reviews the impact of transportation on the United States economy, contrasting the different modes of transportation, government regulation, development, and transportation policies. Students explore advancements in air transportation, facets of general aviation, and future challenges facing the air transportation industry.

Pre-requisites: AVMT 101 and AVMT 131 or approval of the Aviation Program Director

Overall Course Objectives

Upon completion of this course, students will be able to:

1. outline current trends, challenges, and strategies employed in the airline industry;
2. describe the characteristics and economic magnitude of the aerospace industry;
3. identify key events and acts of legislation leading to today's air transportation system;
4. identify the major government and non-government organizations in air transportation;
5. analyze the general aviation industry in terms of structure and significance;
6. discuss the structure and economic characteristics of the airline industry;
7. discuss the factors that determine airline pricing, demand, and output;
8. analyze the past, present, and future of air cargo market structure and services provided;
9. distinguish the significant impact of the Paris and Warsaw Conventions; and
10. evaluate the current U.S. policy on international aviation.

Major Topics

- I. Development of air transportation
- II. Federal Aviation Regulations and other government regulations
- III. Aviation regulators, associations, and organizations
- IV. Aircraft manufacturers
- V. General Aviation
- VI. Air carrier economics
- VII. Airline operations
- VIII. Accident investigation and safety performance
- IX. Air cargo
- X. International air transportation

Course Requirements

Grading will be determined by the individual faculty member, but shall include the following, at minimum:

- 2 examinations
- comprehensive final exam
- 2 writing assignments, such as special topic papers, current events reports, article or textbook summaries, and research or case study analysis papers

Written assignments and research projects: Students are required to use appropriate academic resources in their research and cite sources according to the style selected by their professor.

Other Course Information

This course is a required course in all Associate of Applied Science Aviation Technology degree programs.

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