

Common Course Outline  
AVMT 211  
Air Transportation

The Community College of Baltimore County

Description

AVMT 211 - 3 credits

**Air Transportation**

Discusses the importance of transportation in the United States economy, contrasting the different modes of transportation, government regulation, development, and transportation policies; highlights advancements in air transportation and focuses on the facets of general aviation and future challenges facing the air transportation industry.

Prerequisite: AVMT 101 and AVMT 141

Overall Course Objectives

Upon completion of the course the student must be able to:

- A. Identify the importance of air transportation
- B. Understand the evolution of the air transportation
- C. Identify the many facets of General Aviation
- D. Know the airline classification system.
- E. Understand airline structuring, pricing, and marketing
- F. Understand operational planning in scheduling and route selection
- G. Understand basic air carrier aircraft performance and purpose
- H. Identify government regulators, associations and organizations in air transportation.
- I. Understand the legal aspects of air transportation.
- J. Comprehend the future of air transportation.

Major Topics

- A. Development of air transportation
- B. Federal Aviation Regulations and other government regulations
- C. Aviation regulators, associations and organizations
- D. Aircraft manufacturers
- E. General Aviation
- F. Air carrier economics
- G. Airline operations
- H. Accident investigation and safety performance
- I. International air transportation
- J. Aviation industry performance and forecasts

Course Requirements

- A. Mid-term and/or periodic examination
- B. Term paper and/or projects
- C. Comprehensive final examination
- D. Attendance and participation

