

Common Course Outline

TDML 201

Domestic Freight Operations

3 Credits

The Community College of Baltimore County

Description

TDML 201 – Domestic Freight Operations provides a detailed knowledge of freight movement, safety, third party intermediaries, financing, insurance, contingency planning, and customs regulations.

3 Credits

Prerequisites: TDML 101 or consent of department chair

Overall Course Objectives

Upon completion of this course students will be able to:

1. Identify the most efficient and economical method of transporting various freight to include land, sea, air, and rail transportation;
2. Discuss the safety concerns and hazardous material management for each mode of transporting goods;
3. Explain the role of third party intermediaries;
4. Discuss the financial considerations and impact to freight movement;
5. Interpret the ultimate impact of freight disruptions on local economies;
6. Summarize the importance of insurance coverage and needs in the transportation of goods; and
7. Identify the major customs regulations and requirements.

Major Topics

- I. Transportation Modes and Routes
 - A. Air patterns
 - B. Sea routes
 - C. Highways & bridges
 - D. Rail
- II. Freight Safety
 - A. Highway safety
 - B. Shipboard safety
 - C. Rail safety
 - D. Aviation safety
 - E. Hazardous material transportation
- III. Third Party Intermediaries

- IV. Transit Financing
- V. Freight Disruptions
- VI. Freight Insurance
- VII. Customs

Course Requirements

Grading procedures will be determined by the individual faculty member but will include the following:

Grading/exams

- A minimum of three graded tests
- A minimum of three quizzes

Written Assignments: Students are required to use appropriate academic resources. The individual faculty member will determine specific writing assignments but must include:

- A minimum of three topic related exercises
- Project assignment

Other Course Information

This core course is a requirement for a Transportation, Distribution, and Maritime Logistics AAS degree program and certificate.

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