

# MGMT331e Transportation Principles

**Level:** 3

**Credit Units:** 5 Credit Units

**Language:** ENGLISH

**Presentation Pattern:** EVERY SEMESTER

**E-Learning:** BLENDED - Learning is done MAINLY online using interactive study materials in Canvas. Students receive guidance and support from online instructors via discussion forums and emails. This is supplemented with SOME face-to-face sessions. If the course has an exam component, this will be administered on-campus.

## **Synopsis:**

The basic principles of the five modes of transportation (air, sea, rail, highway, and pipeline) are analyzed. Topics include intermodalism, deregulation, globalization, competitive practices, economic importance and future developments of each mode.

## **Topics:**

- Role and Importance of Transportation in the Global Environment
- Transportation Regulation and Public Policy
- Motor Carriers - Trucking
- Rail Carriers - Trains
- Air Carriers – Passenger and Cargo
- Domestic Water Carriers and Pipelines
- Intermodal and Special Carriers
- Global Transportation
- Information Management and Technology
- Carrier Management and Strategies

## **Learning Outcome:**

- Recognize and identify the role each mode of transportation plays in the United States and the global transportation markets.
- Discuss, analyze and compare each mode of transportation in economic and safety. Realize the impact of intermodalism on the transportation industry by designing, creating and presenting a power point presentation simulating the shipment of a product using intermodal transportation.
- Compare the historical development, characteristics, and current issues relating to air, sea, rail, highway, and pipeline
- Investigate the role of the United States Government and transportation, paying special attention to each mode of transportation before and after deregulation. Evaluate Laws and Acts passed by Congress that have affected the industry.
- Judge the effects of intermodalism by analyzing intermodal corporations and specific practices used in each mode of transportation
- Determine the impact that information technology has had on the transportation industry and examine practices used by each mode to increase performance.
- Explore how the transportation industry is implemented in the global environment and analyze methods and procedures used in the United States transportation industry compared to foreign countries
- Analyze transportation industry case scenarios to examine practices and identify impact on transportation services, logistics, and costs.
- Realize the impact of intermodalism on the transportation industry by designing, creating and presenting a power point presentation simulating the shipment of a product using intermodal transportation.

**Assessment Strategies:**

<b>Continuous Assessment Component</b>	<b>Weightage (%)</b>
TUTOR-MARKED ASSIGNMENT	100
<b>Sub-Total</b>	<b>100</b>

<b>Examinable Component</b>	<b>Weightage (%)</b>
<b>Sub-Total</b>	

**Weightage Total** **100**