



Course Description

MAN4597 | Global Supply Chain Management | 3.00 credits

This course presents an overview of the management of sourcing, operations, and distribution processes along a supply chain in domestic and international markets. Students will learn how firms gain a competitive advantage through supply chain activities. Topics include: supply chain network design, purchasing, forecasting, inventory management, globalization and outsourcing, logistics, and information technology. Prerequisites: MAN2021 and 3506.

Course Competencies:

Competency 1: The student will demonstrate an understanding of the global economy by:

1. Comparing different economic systems.
2. Examining the impact of cultural and social environments on world trade
3. Comparing and contrasting influences on a nation's ability to trade
4. Analyzing global economic indicators and trends
5. Evaluating measures used to analyze economic conditions

Competency 2: The student will demonstrate knowledge of global supply chain management by:

1. Analyzing the reasons for the expansion of supply chains over national boundaries and into other continents
2. Examining how an enterprise can integrate global sources into its core business
3. Illustrating how globalization can increase competitive advantage, reduce costs, and add value to the supply chain.

Competency 3: The student will demonstrate knowledge of purchasing and inventory management by:

1. Developing a global procurement/acquisition plan.
2. Analyzing organizational requirements for purchasing requisitions
3. Determining appropriate methods of procurement
4. Examining and selecting potential sources of materials or services
5. Examining the importance of inventory
6. Evaluating Just in time (JIT) inventory process
7. Analyzing the materials requirement planning (MRP) system
8. Examining how inventory management is measured
9. Analyzing the importance of quantity and location of inventory, including raw materials, work-in process (WIP), and finished goods
10. Examining the role of logistics in purchasing and inventory management

Competency 4: The student will describe the role of information technology in global supply chain management by:

1. Illustrating how the reduced cost of internet-based collaborative systems has affected the global economy
2. Examining sources of data and information for use in forecasting and other supply chain decision-making
3. Analyzing the role of outsourced technology hosting for supply chain solutions

Competency 5: The student will describe the advantages of outsourcing to an enterprise concerning the supply chain by:

1. Analyzing the enterprise's core competency
2. Assessing the positive effect of outsourcing to an enterprise
3. Assessing outsourcing trends, including anything generated in-house that detracts from those functions for which the enterprise has a distinctive advantage

Learning Outcomes:

- Communicate effectively using listening, speaking, reading, and writing skills
- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information
- Demonstrate knowledge of diverse cultures, including global and historical perspectives