



MASTER COURSE OUTLINE

Prepared By: Deborah Correll

Date: May 2015

COURSE TITLE

Fundamentals of Logistics, Transportation, and Supply Chain Management

GENERAL COURSE INFORMATION

Dept.: BUS

Course Num: 135

(Formerly:)

CIP Code: 52.0203

Intent Code: 21

Program Code: 546

Credits: 1-3

Total Contact Hrs Per Qtr.: 22-66

Lecture Hrs: 22-26

Lab Hrs:

Other Hrs:

Distribution Designation: General Elective (GE)

COURSE DESCRIPTION (as it will appear in the catalog)

This introductory course provides an overview of the fundamentals of commercial transportation, logistics, and supply chain management; an overview of the various operations and processes involved in efficient movement of cargo and impacts to the financial performance of business; and provides students with practical industry knowledge. Topics will include logistics and supply chain management, the physical side of materials management, inbound logistics and purchasing, physical distribution management, and outbound logistics with regard to transportation.

PREREQUISITES

None

TEXTBOOK GUIDELINES

Appropriate text as determined by faculty

COURSE LEARNING OUTCOMES

Upon successful completion of the course, students should be able to demonstrate the following knowledge or skills:

- have an understanding of the supply chain
- have a knowledge of logistics and supply chain management
- have an awareness of the physical side of materials management
- be acquainted with the concept of inbound logistics and purchasing
- have an understanding of outbound logistics: transportation

INSTITUTIONAL OUTCOMES

COURSE CONTENT OUTLINE

1. Introducing the Supply Chain
 - a. A first look at logistics
 - b. Internal and external supply chains
 - c. The power of the supply chain
2. Logistics & Its Role in Supply Chain Management
 - a. The history and development of logistics

- b. Defining logistics and supply management
 - c. Creating value through logistics
- 3. The Physical Side of Materials Management
 - a. Inbound logistics and materials management
 - b. Warehousing
 - c. Materials handling
 - d. Inventory management
- 4. Inbound Logistics: Purchasing
 - a. Introduction to purchasing
 - b. The purchasing process
 - c. Information technology and the purchasing process
- 5. Outbound Logistics: Physical Distribution Management
 - a. Introducing physical distribution management
 - b. Responding to the order cycle
 - c. Servicing marketing's distribution channel
 - d. Handling outbound goods
- 6. Outbound Logistics: Transportation
 - a. Introducing transportation
 - b. Modes of transportation
 - c. The legal side of transportation

DEPARTMENTAL GUIDELINES *(optional)*

DIVISION CHAIR APPROVAL

DATE