University of Arkansas - Fort Smith
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General Syllabus

MGMT 35643 Logistics Management

Credit Hours: 3 Lecture Hours: 3 Hours: 0

Prerequisite: MGMT 35143 Business Analytics and admission to the business program, or consent of instructor

Effective Catalog: 2023-2024

I. Course Information

A. Catalog Description

Introduces students to the fundamental concepts and management of distribution networks. Topics include order processing, warehousing, material handling, inventory management, logistics, transportation, facility location, and customer management. The tradeoffs and interactions of these various system components are explored.
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II. Student Learning Outcomes

A. Subject Matter

Upon successful completion of this course, the student will be able to:

1. Discuss the role of "logistics management" and how it relates to supply chain management.
2. Differentiate between the various logistics related alternatives
3. Evaluate the role and impact of information systems on the supply chain
4. Relate the concept of integrated logistics and correlate its relation to other supply chain functions
5. Apply the total-cost approach to logistics.
6. Analyze, evaluate, and design an optimal facility location network.

B. University Learning Outcomes

This course enhances student abilities in the following areas:

Analytical Skills

Critical Thinking Skills - Students will identify problems/issues and develop solutions/analysis.

Analytical Skills
Quantitative Reasoning - Students will assign and use numbers, read and analyze data, create models, draw inferences, and support conclusions based on sound mathematical reasoning.

Communication Skills (written and oral) - Students will communicate effectively with a variety of audiences.

III. Major Course Topics

A. Introduction to Logistics
   1. Logistics Systems: Development and Growth
   2. The Supply Chain Concept
   3. Interfaces with Suppliers and within the Firm

B. Elements of Logistics Systems
   1. Order Management, Customer Service, Packaging
   2. Traffic Management

C. Analyzing and Designing a Logistics System
   1. Logistics System Controls
   2. Reengineering the Logistics System
   3. Supply Chain Integration and Management
   4. Managing Project Teams