

# Minnesota State University Moorhead

## OM 472: Logistics Management and Network Design

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: 0

OJT Hours/Week: \*.\*

Prerequisites:

OM 470 - Purchasing and Sourcing Management

Corequisites: None

MnTC Goals: None

Supply chain management and strategic logistics management address many of the same areas and topics. The overarching goal here is to address the design, control, operation and management of supply chain systems. Topics that are addressed include logistics trade-offs, inventory management, logistics network planning, distribution systems, customer value, the value of information, and supply chain procurement outsourcing.

**B. COURSE EFFECTIVE DATES:** 02/01/2017 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

### D. LEARNING OUTCOMES (General)

1. Choose the appropriate use of strategic alliances when effective procurement strategies are utilized.
2. Defend the importance of supply contracts and the value of information to logistics management.
3. Demonstrate the impact of distribution strategies on supply chain integration.
4. Describe inventory management techniques and approaches in relation to network planning.
5. Examine global logistics, risk management strategies, and product and supply chain design.
6. Present the logistics and supply chain requirements of a product from source to customer including the integration of information technology into business processes.
7. Recognize internal and external customer value and effective pricing strategies.
8. Understand the role of logistics in relation to supply chain management and the systematic approach of each concept.

### E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

None noted