A. Course Description

Credits: 4

Lab Hours/ Weeks: Corequisites: None

Lecture Hours/ Week :

MnTC Goals: None

This course examines those activities involved in planning, implementing and controlling the flows of raw materials, in-process inventories, and finished goods from the points of origin to the points of consumption at the lowest total cost. Topics covered include enterprise resource planning; forecasting; inventory management; transportation modes, services and rates; warehousing; information systems; performance measurement; quality; materials handling; customer services; and the overall management of logistical functions. The computerized information programs intending to support the management functions are also treated. Special emphasis is placed on building business analysis skills to assess the feasibility and cost benefit of its functions to support logistics operations.

B. Course Effective Dates: 12/15/2015 - Present

C. Outline of Major Content Areas:

See Course Description for major content areas.

D. Learning Outcomes (General)

1. Comprehend the concept of logistics and supply chain functions and the methods available for analyzing, measuring performance and optimizing operational efficiency and effectiveness.
2. Design objectives for logistics activities that support the overall mission of the firm and its supply chain.
3. Recognize the relationships with other functional areas and with external channel members that will enhance corporate profitability.
4. Understand how activities of in-house and contracted logistics services are integrated into an operating system as part of the overall corporate and product supply chain(s).

E. Learning Outcomes (MN Transfer Curriculum)

This contains no goal areas.

G. Special Information

Recommended: MKTG 300 Marketing Principles.