MIS 456 : Supply Chain Information Systems

A. Course Description

Credits: 4

MIS 310 Principles of Management Information Systems

Prerequisites:

Lab Hours/ Weeks: Corequisites: None

Lecture Hours/ Week :

MnTC Goals: None

This course examines the role of information systems applications involved in supporting supply chain & logistics operations. Topics covered include electronic purchasing/RFQ, Warehouse management systems, Warehouse Technology, Bar coding / RFID, mobile solutions for distribution and field force automation, MRP/ERP, Enterprise Asset Management and the Internet of Things, Transportation systems. Special emphasis is placed on building analytical skills for the detailed assessment of vendor software solutions in the supply chain arena.

B. Course Effective Dates: 07/26/2006 - 08/18/2019 08/19/2019 - Present

C. Outline of Major Content Areas:

See Course Description for major content areas.

D. Learning Outcomes (General)

1. Can articulate the role of IT solutions in addressing key challenges of Supply Chain Management.
2. Can demonstrate the ability to function as a technology analyst or junior technology consultant on a logistics project.
3. Can identify the kinds of information systems applications used to support business logistics, as well as the functional domains of the organizational process that each kind of application supports.
4. Can apply Inventory Management & Supply Chain processes as manifest in to enterprise logistics.

E. Learning Outcomes (MN Transfer Curriculum)

This contains no goal areas.

F. Special Information

Recommended: Completion of all MIS Tier One courses (MIS 320, 328, 335 and 467) before taking this course.