Current Title: Logistics Management

College of Origin: BR _____ BTC _____ LV _____ MW X _____ PV _____ Discipline Business Administration

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Date 4/29/2015

CHANGE OF COURSE DATA

Course Number
Course Title
Course Designator
Course Description
Prerequisites

Course Credit
Lecture Hr.
Laboratory Hr.
Clinical/Intern. Hr.
Human Diversity Designator

Course Outline X
Expected Student Outcomes
General Education Outcomes
Career and Technical Outcomes
Effective Date

Rationale for Course Change:
Update course to reflect current supply-chain practices and theory.

COMPLETE THE APPLICABLE CHANGE

Current Catalog No. & Title of Course: 
Proposed Catalog No. & Title Change: 

Current Credit Hr. _____ Lecture Hr. _____ Laboratory Hr. _____ Clinical/Intern. Hr. _____ Clock Hr. _____
Proposed Credit Hr. _____ Lecture Hr. _____ Laboratory Hr. _____ Clinical/Intern. Hr. _____ Clock Hr. _____

Current Prerequisites:

Proposed Prerequisites:

Current Catalog Description:
Logistics Management is an integrated system approach involving a variety of environments within a global marketplace. The course explores the logistic system from inbound movement of material and freight into the organization, through physical distribution of the completed product to the consumer. Hands-on applications, activities and simulations IAW the Council of Logistics Management’s guidelines will be emphasized.

Proposed Catalog Description:
Logistics Management is an integrated system approach involving a variety of environments within a global marketplace. The course explores the logistic system from inbound movement of material and freight into the organization, through physical distribution of the completed product to the consumer. Includes hands-on applications, activities and simulations using the Council of Supply Chain Management Professionals’ guidelines and material.

Attach Course Information Form, Course Outline Form
DISCIPLINE: Business Administration
COURSE TITLE: Logistics Management
CR.HR: 3  LECT HR: 3  LAB HR: 0  CLIN/INTERN HR: 0  CLOCK HR: 0

CATALOG DESCRIPTION
Logistics Management is an integrated system approach involving a variety of environments within a global marketplace. The course explores the logistic system from inbound movement of material and freight into the organization, through physical distribution of the completed product to the consumer. Includes hands-on applications, activities and simulations using the Council of Supply Chain Management Professionals’ guidelines and material.

PREREQUISITES
None

EXPECTED STUDENT OUTCOMES IN THE COURSE (ESO)
Upon completion of this course, the student will be able to:

1. Explain the role of logistics in the modern economy.
2. Describe the relationship between logistics and other areas of a firm.
3. Differentiate supply chain management versus logistics.
4. Identify technology components utilized within logistics management.
5. Describe transport modes, rates and current regulatory issues.
6. Demonstrate various types of material handling systems.
7. Identify financial aspects of inventory strategies.

GENERAL EDUCATION OUTCOMES (ESO)
Specify which general education outcomes, if any, No are substantially addressed by the course. Numbers in parentheses identify the Expected Student Outcomes linked to the specific General Education Outcome.
PROGRAM-LEVEL OUTCOMES

CAREER AND TECHNICAL EDUCATION PROGRAM OUTCOMES
Specify which Career and Technical program outcomes, if any, are substantially addressed by the course by completing the “Career and Technical Education template” to show the relationship between course and program outcomes to assessment measures.

1. Demonstrate various types of material handling systems utilizing current regulatory issues. (ESO 1 – 7)
2. Demonstrate the ability to manage organizational operations. (ESO 2, 3, 6)
3. Identify and demonstrate the role of the United States in International Transportation (ESO 1, 2, 5)
4. Evaluate warehouse/distribution center design and layout strategies. (ESO 7)

CLASS-LEVEL ASSESSMENT MEASURES
Student accomplishment of expected student outcomes may be assessed using the following measures. (Identify which measures are used to assess which outcomes.)

1. Examinations/Quizzes (1-7)
2. Exercises / Projects (1-7)
3. Written Reports (1-7)
Individual instructors may order this outline as fits the needs of their individual courses. In addition, they may place more emphasis on some areas than on others. What is assured is that this particular list is covered in the course. Other topics may be added to a course as the instructor sees fit, and as time and interest allow. An *asterisk can be used to mark an item as optional.

**TEXT:** *Contemporary Logistics* (Murphy/Knemeyer), 11th Ed, ISBN 978-0-13-295346-7

**I. System Paradigm & Influences**
   A. Describe the logistic system’s paradigm (Demand Pull vs Supply Push)
   B. Demonstrate Just-in-Time (JIT) methods
   C. Discuss global trends (on-shoring, etc.)
   D. Concept of *landed costs*.

**II. System Design**
   A. Apply order/inventory-processing techniques
   B. Evaluate information systems
   C. Identify transportation functions
   D. Identify types of warehousing

**III. Supply Chain Management vs. Logistics**
   A. Identify the function of supply chain management (SCM)
   B. Identify supply chain processes and components
   C. Explain how logistics is integrated within supply chain management

**IV. Technology Components**
   A. Identify key sources of information for logistic databases
   B. Discuss decision support systems
   C. Demonstrate logistics modeling

**V. Transportation**
   A. Describe transport modes and current issues
   B. Identify regulatory issues
   C. Discuss rates and rate determination

**VI. Warehousing**
   A. Identify major types of warehousing
   B. Describe factors that affect physical layout and design strategies
   C. Describe global warehousing issues
   D. Demonstrate various types of material handling systems

**VII. Inventory Management**
   A. Compare inventory management methods
   B. Discuss impact demand patterns
   C. Review financial aspects of inventory strategies