

# Standard Course Outline

## Logistics Management

### I. General Information

Course Number:	SCM 410
Course Title:	Logistics Management
Units:	3
Prerequisite:	MGMT 300, IS 301
Course Coordinator:	Dr. Xuemei Su
SCO Prepared by:	Dr. Xuemei Su
Date Prepared/Revised	October 10, 2012

### II. Catalog Description

The management of materials into, within and out of an organization, including location planning, procurement, inventory control, transportation, warehousing, packaging and materials handling and order management. Focus is on the analytical and managerial methods essential for an integrated logistics system. Letter grade only (A-F).

### III. Curriculum Justifications

Effective logistics management is essential to successful supply chain strategy execution. The purpose of this course is to familiarize students with basic frameworks for managing materials flows into, within and out of organizations and to develop an understanding of the strategic nature of logistics systems. In recent years, there have been sweeping changes in the field due to increasing quantification and growing importance of an analytical approach. Hence, certain quantitative techniques will be introduced and applied within the context of operations and supply chain management. A careful balance between the descriptive, conceptual, and analytical approaches will be maintained.

The course is also designed to teach several of the college learning goals, including (1) critical thinking, (2) operations planning and control functions, (3) technical skills, (4) interpersonal, leadership, and team skills, and (5) the domestic and global environment. A variety of pedagogies will be used to achieve these goals, including case analysis, group projects, in-class group assignments, lecture and discussions.

### IV. Course Objectives

- Demonstrate a critical understanding of the role of logistics management in successful supply chain strategy execution.
- Critically appraise and apply appropriate methods and techniques in logistics planning and execution.

- Demonstrate critical thinking by integrating logistics planning across business functions within a company and across businesses within a supply chain.
- Demonstrate critical awareness of emerging issues and state-of-art logistics management practices in world-class organizations.

## **V. Outline of Subject Matter**

At a minimum, the following topics should be covered:

- Intro to Supply Chains and Logistics
- Customer Accommodation
- Order Management
- Information Technology
- Integrated Operations Planning
- Inventory Management
- Transportation Operations
- Warehousing
- Packaging and Materials Handling
- Network design and Operational Planning
- Logistics and Financial Performance Measurement

It is recommended that the instructors include the following topics at their discretion:

- SAP-ERP
- Regulations
- Global Logistics Comparative Analysis

## **VI. Methods of Instruction**

a) Instructors should use appropriate instruction methods that are consistent with the course description stated in Section II and serve the course objectives listed in Section IV of this SCO. Examples of instruction methods for the course include:

- Class lecture/discussion
- Case analysis
- Written assignments
- Team work
- Computer simulations
- Team/individual presentations

b) Instructors should use appropriate textbooks that are consistent with the course description stated in Section II and serve the course objectives listed in Section IV of this SCO. The following is a list of textbooks that are considered appropriate for this course. This list is not complete and new textbooks can be added.

Supply Chain Logistics Management, 3<sup>rd</sup> edition, by Bowersox, Closs & Cooper. McGraw-Hill.

## **VII. Instructional Policy Requirements**

- a) Instructional policies should be consistent with the course description stated in Section II, and should serve the course objectives listed in section IV of this SCO.
- b) Instructors should enforce policies regarding to plagiarism, withdrawal, absences, etc., that are consistent with the University policies published in the CSULB Catalog. It is expected that every course will follow University policies on Attendance, Course Syllabi, Final Course Grades, Grading Procedures, Final Assessments, and Withdrawals. If some or all sections of the course are to be taught, in part or entirely, by distance learning in the future, the course must follow the provisions of PS 03-11, Academic Technology and the Mode of Instruction.
- c) All sections of the course will have a syllabus that includes the information required by the syllabus policy adopted by the Academic Senate. Instructors will include information on how students may make up work for excused absences. When class participation is a required part of the course, syllabi will include information on how participation is assessed.
- d) Students with disabilities are responsible for notifying their instructor as early as possible of their needs for an accommodation of a verified disability. A student with a disability is urged to consult with Disabled Student Services as soon as possible in order to identify possible accommodations to enhance academic success.