



Course Code MIS-460	Course Title Supply Chain Management	Credits (ECTS) 6
Department MIS	Semester Fall, Spring	Prerequisites None
Type of Course Requirement	Field MIS	Language of Instruction English
Level of Course 1 st Cycle	Year of Study 3 rd or 4 th	Lecturer Dr. Petros Vassilopoulos
Mode of Delivery Face-to-face	Work Placement N/A	Office None

Objectives of the Course:

The main objectives of the course are:

- To introduce the operations' aspects of logistics combined with an overview of Supply Chain Management (SCM)
- Explain the important topics like purchasing, vendor relations, inventory strategies and control, warehousing, material handling, layout planning, packaging, and transportation

Learning Outcomes:

Students will be able to:

- Demonstrate systems' thinking capacity in the logistics environment
- Provide input to, decide and take action on reports generated by the various functions associated with purchasing, logistics, and distribution
- Generate and analyze simple reports in the area of forecasting, purchasing, inventory management, transportation, and warehousing
- Discuss SCM issues including vendor selection, vendor relations strategies and techniques
- Assemble, review and recommend action plans for complex logistics and supply chain systems

Course Contents:

1. Introductions
2. Logistics Integration
3. Customer Service
4. Supply Chain Relationships
5. Global Logistics
6. Information Systems
7. Forecasting
8. Inventory Strategy and Management

9. Transportation Infrastructure, Regulations, and Management
10. Warehouse Management
11. Material Handling and Packaging
12. Logistics Positioning
13. Integration Theory
14. Planning and Design Methodology/Techniques
15. Organization Planning, Costing, and Pricing
16. Case Studies Presentation

Teaching Methods:

Lectures, Case Studies, Class Discussions, Class Exercises, and Student Presentations

Assessment Methods:

Project and other assignments, Midterm Exam, Final Exam

Required Textbooks:

Authors	Title	Publisher	Year	ISBN
Sunil Chopra & Peter Meindl	Supply Chain Management, 2 nd Edition	Prentice Hall	2003	0-13-101028X

Recommended Textbooks/Reading:

A list of recommended Case Studies on the following topics:

- Nittany Systems Electronics and Missiles Group
- Macklin Ltd.
- No-Tell Computer Parts
- Old British Fish “N” Chips Ltd.
- Athletic Corner
- Peninsula Point Inc.
- Sea-Tac Distributing Company
- Bellwether Corporation
- OK Jeans
- Trump Railcar Corporation
- Consolidated Motors
- National Appliances Inc.
- Specialty Metals Company
- Nittany Products
- Radical Systems
- Bart Dental
- Roll-Free Tire Company
- Hanover Pharmaceuticals Inc.
- New England Transportation Inc.

- Savannah Steel Corporation
- J & Roofing
- Squire Auto Parts Company
- Atlantic Pharmaceutical (A)
- Atlantic Pharmaceuticals (B)
- Trexler Furniture Manufacturing Company
- Veltri Motors
- Lippincott Computer
- Veil Chemical
- Minifix Inc.