



**AMERICAN UNIVERSITY
OF CYPRUS**

Course Code MB362	Course Name Supply Chain Management	ECTS Credit 7.5
Pre-Requisite	Course Type Major Elective	Language of Instruction English
Year of Study 4 th /8 th	Level of Course BSc/1st Cycle	Mode of Delivery On Campus

Course Objectives:

The main objectives of the course are to:

- 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:

After completion of the course students are expected to 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

Teaching Methodology:

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

Course Content

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

Assessment Method

Final Exam

Project and other assignments

Midterm Exam

Required Textbooks/Reading:**Essential Reading**

Title	Author(s)	Publisher	Year
Supply Chain Management	Sunil Chopra & Peter Meindl	Prentice Hall	2003