



## Course Syllabus

<b>Course Code</b>	<b>Course Title</b>	<b>ECTS Credits</b>
MBAN-708	Supply Chain Management	7.5
<b>Prerequisites</b>	<b>Department</b>	<b>Semester</b>
MBAN-609	School of Business	Fall, Spring, Summer
<b>Type of Course</b>	<b>Field</b>	<b>Language of Instruction</b>
Elective	Management	English
<b>Level of Course</b>	<b>Lecturer(s)</b>	<b>Year of Study</b>
2 <sup>nd</sup> Cycle	Dr. Demetra Kalaitzi	1 <sup>st</sup> or 2 <sup>nd</sup>
<b>Mode of Delivery</b>	<b>Work Placement</b>	<b>Corequisites</b>
Face to Face	N/A	None

### Course Objectives:

The main objective of this course is to present the concepts, methods and applications of Supply Chain Management. Supply Chain Management is concerned with the efficient integration of suppliers, factories, warehouses and outlets so that products are distributed ultimately to consumers in a way that keeps them satisfied. The course analyses the challenges of planning in multiple organizations, discusses the role of logistics in integrated business processes and proposes ways to improve collaboration within and between organizations. This understanding is important as it can have a significant positive impact on productivity and organizational effectiveness.

### Learning Outcomes:

After completion of the course students are expected to be able to:

1. Demonstrate an understanding of the nature and characteristics of the design and structure of supply chains
2. Discuss the importance of integration of activities in supply chains
3. Compare and contrast different approaches to managing economies of scale in a supply chain
4. Explain the role of transportation in a supply chain
5. Analyze theories of measuring and improving performance in a supply chain
6. Critically evaluate the importance of risk in a supply chain
7. Identify problems and opportunities faced by supply chain managers in manufacturing and service industry organizations
8. Design and evaluate a supply chain network

9. Build a strategic framework to achieve fit between various parts of a supply chain
10. Plan supply chain operations for supply chain surplus
11. Critically analyze different forecasting techniques and apply them in supply chain management scenarios
12. Determine the optimal level of product availability
13. Make and defend sourcing decisions in a supply chain
14. Use Information Technology to solve supply chain management problems

**Course Content:**

1. The Changing Competitive Environment
2. Introduction to Logistics and Supply Chain Management
3. Integration along the Supply Chain
4. Customer Service and Value in a Supply Chain
5. Lean vs. Agile Strategies
6. Time Based Competition and Strategic Lead Time Management
7. Purchasing and Procurement
8. Inventory Management
9. Warehousing/Locating Facilities/Materials Handling
10. Transportation
11. Information technology in the Supply Chain
12. Supply Chain Risk Management

**Learning Activities and Teaching Methods:**

Faculty lectures, case study applications, video presentation and analysis, academic paper reading and discussion, student research and writing, student-led presentations

**Assessment Methods:**

Attendance and participation, assignments, midterm exam, final exam

**Required Textbooks / Readings:**

Title	Author(s)	Publisher	Year	ISBN
Logistics and Supply Chain Management (5 <sup>th</sup> Edition)	Christopher, M.	Pearson	2016	13-9781292083797

**Recommended Textbooks / Readings:**

<b>Title</b>	<b>Author(s)</b>	<b>Publisher</b>	<b>Year</b>	<b>ISBN</b>
Supply Chain Management (5 <sup>th</sup> Edition)	Chopra, S. and Meindl, P.	Pearson	2013	13-9780133071504