Module Title: Supply Chain Management

- Type of Module:

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<tr>
<td>PC</td>
<td>(Prescribed Core Module)</td>
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<td>PS (Prescribed Stream Module)</td>
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<td>ES (Elective Stream Module)</td>
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- Level of Module: Track Course

- Year of Study: 4°
- Semester: 8°
- Number of credits allocated: 5

- Name of lecturer / lecturers: Prof. Ioannis Minis

- Description:

This introductory Supply Chain Management course covers all operational aspects of planning and implementing the supply chain in contemporary enterprises and organizations. The course presents and discusses basic strategies and methods tools for the management of supply chains (e.g. demand forecasting, procurement, distribution channels, customer service). Emphasis is also given to optimization techniques and quantitative methods when tackling complex problems in logistics operations (e.g. warehousing and transportation). The role of ICT and new technologies (e.g. telematics, RFID) in supply chain management is also discussed.

- Prerequisites: None

- Module Contents (Syllabus):

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<tr>
<th>#</th>
<th>Topics</th>
<th>Content</th>
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<tr>
<td>1</td>
<td>Basic concepts of supply chain and customer service</td>
<td>Definitions, the role of supply chain in the economy.</td>
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<td>Customer service, methods of assessing customer service</td>
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<td>2</td>
<td>Distribution channels and 3rd party logistics</td>
<td>Types and structure of distribution channels, design of distribution channels, third party logistics companies and their role</td>
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### Recommended Reading:

**A) Principal Reference:**


**B) Additional References:**


### Teaching Methods:

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### Assessment Methods:

- Homework - Project 10%
- Two (2) intermediate exams 40% (20% each)
- Final exam 50%

### Language of Instruction: Greek
University of the Aegean

Department of Financial and Management Engineering
Module Objective (preferably expressed in terms of learning outcomes and competences):

- Understanding of basic principles in designing and managing supply chains
- Understanding of basic structures of distribution channels, design and control of distribution channels
- Understanding of basic principles in procurement, and of procurement processes. Supplier selection and partnerships
- Warehousing: Understanding processes, layout, operations. Design a warehouse
- Vehicle routing: Understanding and applying modeling methods and basic solution techniques
- Understanding and assessment of technologies and IT support in distribution and logistics