COURSE OUTLINE

1. GENERAL INFORMATION

SCHOOL	APPLIED ECONOMIC AND SOCIAL SCIENCES		
DEPARTMENT	AGRIBUSINESS AND SUPPLY CHAIN MANAGEMENT		
LEVEL OF STUDY	*Undergraduate*		
COURSE UNIT CODE	**5303**	**SEMESTER**	3rd
COURSE TITLE	SUPPLY CHAIN MANAGEMENT		

INDEPENDENT TEACHING ACTIVITIES	**WEEKLY TEACHING HOURS**	**CREDITS**
Lectures	4	5

COURSE TYPE	General Background
PREREQUISITE COURSES:	NO
LANGUAGE OF INSTRUCTION:	Greek
LANGUAGE OF EXAMINATION/ASSESSMENT:	Greek
THE COURSE IS OFFERED TO ERASMUS STUDENTS	YES (in English)
COURSE WEBSITE (URL)	The course web page is available at https://oeclass.aua.gr/eclass/

2. LEARNING OUTCOMES

Learning Outcomes

The aim of the course is:

- To encourage the understanding of key issues of the Supply Chain and Logistics in relation to the competitive strategy that is formed in the modern changing environment.
- To introduce the students to the concepts of Supply Chain Management of goods and services.
- To develop students' analytical and critical vision skills.

Upon successful completion of the course, the student will be able to:

- Identify the basic concepts of supply chain analysis and logistics
- Understand the strategic role of supply chains
- Evaluate the efficiency of supply chain processes
- Analyze logistics costs and the factors that shape it
- Analyze and evaluate the requirements for the design and operation of supply chains
- Compare supply chains in terms of various parameters that determine their operation
- Consider creating a flexible supply chain
- Investigate the management of global distribution channels, as well as the appropriate risk management, in order to make the modern supply chain resilient.

General Competences

- Adapting to new situations
- Decision-making
- Working independently
- Teamwork
- Working in an international environment
- Working in an interdisciplinary environment
- Production of new research ideas Teamwork
- Project planning and management
- Respect for difference and multiculturalism
- Respect for the natural environment
- Showing social, professional, and ethical responsibility and sensitivity to gender issues
- Criticism and self-criticism
- Production of free, creative and inductive thinking

3. SYLLABUS

Course description:

1. Introduction to basic concepts
2. Strategic adaptation in the supply chain
3. Moving forces
4. Distribution networks
5. Designing supply chain networks
6. Global networks
7. Demand forecasting
8. Programming topics
9. The role of coordination
10. Economies of scale
11. Uncertainty
12. Product availability
13. Special supply chain issues (case studies)

A combination of teaching and learning methods will be used, aiming at the active participation of the students and the practical application of the thematic units under examination; there will also be lectures using audiovisual media, discussions, and analyses of case studies on real business issues, experiential (group) activities, as well as projections of relevant videos.

Furthermore, articles, audiovisual lecture materials, web links/addresses, useful information, case studies and exercises for further practice are posted in digital form on the AUA Open e-Class platform.

4. TEACHING METHODS--ASSESSMENT

MODES OF DELIVERY	Face -to-face, Distance learning
USE OF INFORMATION AND COMMUNICATION TECHNOLOGY	• Support of the learning process through the University's AUA Open eClass platform (integrated e-Course Management System) • Support of lectures using presentation software • Use of audiovisual material • Use of web applications

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<tr><td></td><td>Communication with students: face to face at office hours, email, eclass platform</td></tr>
<tr><td>COURSE DESIGN</td><td>
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<tr><th>Activity</th><th>Work Load</th></tr>
<tr><td>Lectures (direct)</td><td>52</td></tr>
<tr><td>Independent Study</td><td>70</td></tr>
<tr><td>Advisory support</td><td>0.5</td></tr>
<tr><td>Exams</td><td>3</td></tr>
<tr><td>Course Total (approximately 25 hours of workload per credit unit 125.5)</td><td>125,5 h</td></tr>
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<tr><td>STUDENT PERFORMANCE EVALUATION/ASSESSMENT METHODS</td><td>
The evaluation process is in the language that the course is taught (Greek or English) and consists of:
i. Compulsory written final examination at the end of the semester (weighting factor 70% at least) which may include:
• Multiple choice test
• Open-ended questions
• Problem solving
• Oral examination
Evaluation criteria: correctness, completeness, clarity

ii. Compulsory written exam during the semester (weighting factor 30%) which may include:
• Multiple choice test
• Open-ended questions
• Problem solving
• Essay/report
• Oral examination
Evaluation criteria: correctness, completeness, clarity

Special learning difficulties:

Students with special learning difficulties in writing and reading (as they are certified and characterized by a competent body) are examined based on the procedure provided by the Department.

Specifically-Defined Criteria:
The evaluation criteria are made known during the first lesson and are clearly stated on the course website and the AUA Open e-class platform. The answers to the exam questions are posted on the AUA Open e-Class platform after the exam. The students are allowed to see their exam paper after its grading (during the announced office hours) and receive explanations about the grade they received.
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5. SUGGESTED BIBLIOGRAPHY

Suggested Bibliography in Greek Language:

- Chopra S. (2020). *Διοίκηση Εφοδιαστικής Αλυσίδας.* Θεσσαλονίκη: ΤΖΙΟΛΑ.
- Heizer J., Render B. & Munson C. (2023). Διοίκηση Λειτουργιών - Βιωσιμότητα και Διαχείριση Εφοδιαστικής Αλυσίδας. Λευκωσία: BROKEN HILL.
- Rushton A., Croucher P. & Baker P. (2022). *Εγχειρίδιο Διαχείρισης Εφοδιαστικής Αλυσίδας.* Λευκωσία: BROKEN HILL.
- Skipworth H., van Hoek R., Aitken J. & Harrison A. (2026). *Logistics Μάνατζμεντ και Στρατηγική.* Αθήνα: ROSILI.

Suggested Bibliography in English Language:

- Chopra S. (2019). *Supply chain management: Strategy, planning, and operation (Seventh edition, global edition).* Pearson.
- Jacobs F.R., & Chase R.B. (2018). *Operations and supply chain management (Fifteenth edition).* McGraw-Hill Education.
- Leong G.K., Tan K.C., Wisner J.D., & Leong G.K. (2022). *Principles of supply chain management: A balanced approach (Sixth edition)*. Cengage.
- Mangan J., Lalwanis C., & Calatayud A. (2021). *Global logistics and supply chain management (Fourth edition).* Wiley.

Selected academic Journals:

- International Journal of Supply and Operations Management
- Journal of Supply Chain Management
- Supply Chain Management Review
- International Journal of Physical Distribution and Logistics Management

Instructor's Notes