COURSE OUTLINE

1. GENERAL

SCHOOL	ENGINEERING		
DEPARTMENT	PRODUCT AND SYSTEMS DESIGN ENGINEERING		
LEVEL OF STUDIES	Undergraduate		
COURSE CODE	**4306**	**SEMESTER**	**8th**
COURSE TITLE	**Supply chain management**		
INDEPENDENT TEACHING ACTIVITIES *if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If the credits are awarded for the whole of the course, give the weekly teaching hours and the total credits*		**WEEKLY TEACHING HOURS**	**CREDITS**
Lectures		**3**	**6**
Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).			
COURSE TYPE *general background, special background, specialised general knowledge, skills development*	Scientific area		
PREREQUISITE COURSES:	NONE		
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	GREEK/ENGLISH		
COURSE DELIVERED TO ERASMUS STUDENTS	YES		
MODULE WEB PAGE (URL)	https://eclass.uowm.gr/		

2. LEARNING OUTCOMES

Learning outcomes

Driven by globalization and ever-increasing customer demands, the Supply Chain plays a key role in creating an advantage for all businesses. It is becoming increasingly visible that business competition is shifting from the business level to the Supply Chain level, as e-Business and Information Technology drastically change business requirements and rules. The course discusses supply chain management by examining the key concepts and giving the student the opportunity to understand the main components of each chain.

On successful completion of this module the learner will be able to:

1. Knows the basic principles of supply chain management
2. Recognizes and analyzes logistics activities
3. Analyzes supply chain problems
4. Identifies techniques for solving these problems
5. Evaluates the supply chain.

General Skills

Upon successful completion of the program students will:

- have the theoretical and practical background on the field of product and systems design engineering and the corresponding profession.
- utilize scientific knowledge to understand, analyze and solve problems.
- apply a wide range of scientific and technical knowledge concerning the design and development of products and systems.

3. COURSE CONTENTS

- The Evolution of Logistics and the Supply Chain,
- Significance,
- Object and environment,
- Business Value Chain,
- Logistics Activities: procurement, production, distribution, warehousing, transportation, customer service,
- Third party logistics-3PL, 4PL,
- Reverse Logistics,
- Information Systems and Technologies,
- Internet and supply chain,
- Supply chain evaluation.

4. TEACHING METHODS - ASSESSMENT

MODE OFDELIVERY	In class, face to face
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY	• Video and slide presentations via projector • Support of teaching process via the electronic platform e-class • Communication with students.
TEACHING METHODS	

Activity	***Semester workload***
Lectures	90
Non-directed study	60
Course total	**150**

ASSESSMENT METHODS	Final written exam which includes: i. Short-answer questions ii. Multiple choice questions iii. Problem solving

5. ATTACHED

- Suggested bibliography:

- Christopher Martin, Logistics και Διαχείριση Εφοδιαστικής Αλυσίδας, Εκδόσεις Κριτική, ISBN: 9789605861872
- Γεώργιος Μαλινδρέτος, Εφοδιαστική Αλυσίδα, Logistics & Εξυπηρέτηση Πελατών (ebook)