

## COURSE OUTLINE

### 1. GENERAL

<b>SCHOOL</b>	MANAGEMENT, ECONOMICS AND SOCIAL SCIENCES		
<b>DEPARTMENT</b>	BUSINESS ADMINISTRATION		
<b>LEVEL OF STUDY</b>	UNDERGRADUATE		
<b>COURSE UNIT CODE</b>	51-Y5-DE5	<b>SEMESTER OF STUDY</b>	5th
<b>COURSE TITLE</b>	SUPPLY CHAIN & INVENTORY MANAGEMENT		
<b>COURSEWORK BREAKDOWN</b>		<b>TEACHING WEEKLY HOURS</b>	<b>ECTS Credits</b>
Lectures and Workshops-Project Work		3	5
<b>COURSE UNIT TYPE</b>	Compulsory in specialization		
<b>PREREQUISITES :</b>			
<b>LANGUAGE OF INSTRUCTION/EXAMS:</b>	ENGLISH		
<b>COURSE DELIVERED TO ERASMUS STUDENTS</b>	YES		
<b>MODULE WEB PAGE (URL)</b>			

### 2. LEARNING OUTCOMES

<b>Learning Outcomes</b>
<p>The course introduces and develops the importance of Logistics and Supply Chain Management (SCM) to students as both are a key organizational skill that is of primary importance in implementing the business strategy and the success.</p> <p>The course has consistently developed an international approach and explores key components, methods and theories of L&amp;SCM. The topics to be covered include the L&amp;SCM concept, combined with strategic planning, international L&amp;SCM, its features and capabilities, partnerships, the concept of risk in the supply chain, the technology that supports it, finding and selecting supplies, distribution, simple and flexible management practices, network design, demand forecasting and service customer satisfaction.</p> <p>One of the elements that will be taught will be to highlight the technological evolution in the implementation of the L&amp;SCM. The primary objective of the course will be to look at the supply chain path as an independent journey that begins with the producer and completes the consumer.</p>
<b>General Skills</b>
<ul style="list-style-type: none"> <li>- Development of analytical skills</li> <li>- Teamwork</li> <li>- Decision-making</li> </ul>

### 3. COURSE CONTENTS

<p>The course is organized around topics such as:</p> <ul style="list-style-type: none"> <li>• Introduction &amp; Basic Concepts on Supply Chain Management and Logistics</li> <li>• The supply chain is transformed into a value chain</li> <li>• The mission of Logistics Management</li> <li>• Supply chain and competitive performance</li> <li>• Logistics and value to the customer</li> <li>• Market-driven supply chains.</li> <li>• Service standards, customer service objectives, service priority setting.</li> </ul>
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- Cost and performance measurement of Logistics
- Cost Analysis of Logistics.
- Principles of cost accounting for Logistics.
- Logistics and final financial result.
- Customer Profitability Analysis/ Product profitability analysis.
- Creating a versatile supply chain
- Product pushing and demand pull
- Japanese philosophy
- Flexible supply chain
- The bases of flexibility
- Managing distribution channels
- The Role of Information in the Virtual Supply Chain
- "Fast response" logistics
- Rapid response generation strategies
- Dynamics of logistics systems
- Complexity & management of global distribution channels
- Risk Management in the Supply Chain
- Achieve sustainability in the supply chain

#### 4. TEACHING METHODS - ASSESSMENT

<b>MODE OF DELIVERY</b>	In-Class	
<b>USE OF INFORMATION AND COMMUNICATION TECHNOLOGY</b>	Support of the learning process through the e-class platform.	
<b>TEACHING METHODS</b>	<b><i>Method description</i></b>	<b><i>Semester Workload</i></b>
	Lectures and tutorials	39
	Presentation of Case Studies, Class Discussions	25
	Group Projects	30
	Personal Study	31
	<b><i>Total</i></b>	<b>125</b>
<b>ASSESSMENT METHODS</b>	<p>End of Semester Formal Examination (60%)</p> <ul style="list-style-type: none"> <li>- Short answer questions</li> <li>- Questions of solving problems.</li> </ul> <p><u>Evaluation Objective:</u> To understand the fundamentals of the course.</p> <p><u>Evaluation Criteria:</u> Comprehensiveness, accuracy, and critical evaluation.</p> <p><b>II. Teamwork (40%) (Group Presentation):</b></p> <p><u>Evaluation Objective:</u> To examine students' presentation skills and enhance students' teamwork skills.</p> <p><u>Evaluation Criteria:</u> teamwork, presentation skills, quality of presentation material.</p>	

#### 5. RESOURCES

*Recommended Book and Journal Article Resources:*

- Christopher, M. (2011) *Logistics and Supply Chain Management* (4<sup>th</sup> Edition), FT Prentice -Hall, UK
- Harrison, A. & Van Hoek, A. (2010) *Logistics Management and Strategy*, (4<sup>th</sup> Edition) FT Prentice Hall
- Gattorna, J. (2010) *Dynamic Supply Chains: Delivering Value Through People*, Harlow: FT Prentice Hall.
- Mangan, J. Lalwani, Butcher, T. & Javadpour, R. (2012) *Global Logistics & Supply Chain Management*, UK: Wiley.
- Branch, A. E. (2009) *Global Supply Chain Management and International Logistics*, New York: **Routledge.**

- **Sanders, N. R. (2012) *Supply Chain Management: A Global Perspective*, USA: Wiley.**
- **Willcocks, L. P. Cullen, S. & Craig, A. (2011) *The Outsourcing Enterprise*, UK: Palgrave MacMillan.**
- **Van Weele, A.J. (2010) *Purchasing & Supply Chain Management*, 5<sup>th</sup> ed. Cengage Learning EMEA.**
- Slack, N., Johnston, R. and Brandon-Jones, A. (2011) *Essentials of Operations Management*, Prentice Hall
- Jones, P., Peter Robinson, P. (2012) *Operations Management*, Oxford.

#### Journals

- Journal of Supply Chain Management
- Supply Chain Management: An International Journal
- Journal of Operations and Supply Chain Management
- Supply Chain Management information
- Journal of Purchasing & Supply Management