Course Title	**Logistics and Supply Chain Management**				
Course Code	**DLMLSB 516**				
Course Type	**Required**				
Level	**LLM (Level 2)**				
Year/Semester	**1st Year / 2nd Semester**				
Teacher's Name	**Dr. Sotiris Jeropoulos, Dr. Marianna Frangeskou**				
ECTS	**8**	**Lectures/ week**	**2**	**Laboratories/week**	**NONE**
Course Purpose	The course intends to ensure understanding of the intricacies of cargo storage and transportation, from the point of view of the Trader, with an emphasis on all the different issues that the science of Logistics is concerned with. The economic consequences of the possible choices the Trader makes within logistics and the wider supply chain will be highlighted. Additionally, sustainability issues will be considered at every level.				
Learning Outcomes	By the end of the course, the students should be able to: • Offer critical discourse on the levels of inventory and the complete methodology of inventory management at any stage of the supply chain; • Appraise different modes of transportation as regards the specific needs of the cargo and trade, the effects on customer service, the bottom line of the company and trade-off conundrums pertaining to sustainable practices; • Critically appraise data with the purpose to identify and isolate issues pertaining to Logistics and evaluate those; • Extensively analyse dilemmas when considering issues of sustainability and environmental concerns.				
Prerequisites	NONE	Co-requisites	NONE		
Course Content	Indicative Course Content • Historical overview of the retail market; • Technical advancements and changes in the world of global finance, international transportation, and international trade laws, and how these changed the way we think about Logistics issues today; • Logistics and the wider supply chain; • Inventory costs;				

	• The Economic Order Quantity and other inventory models; • Inbound, Manufacturing, and Outbound logistics; • Procurement, Sourcing and Outsourcing; • Lean logistics and supply chains; • Agile and responsive supply chains; • Warehousing and Distribution issues; • International Transportation; • Customer Service and KPI's; • Sustainable Logistics and Supply Chain strategy; • Total Logistics Cost concept.
Teaching Methodology	The course will be delivered through lectures, discussions, and case studies.
Bibliography	Textbooks: Coyle J., Langley C. and Novack R., Supply Chain Management: A Logistics Perspective, South Eastern College Publishing, 11th edition, 2020. References: Psaraftis H.N., Sustainable Shipping, Springer, 2019. Psaraftis H.N., Green Transportation Logistics, Springer, 2015. Martin C., Logistics & Supply Chain Management, Prentice Hall, 4th edition, 2011. Grant D.B., Logistics Management, Pearson, latest edition. Rushton A., Croucher P., Baker B., The Handbook of Logistics and Distribution Management, Kogan Page Ltd, latest edition. Journal of Business Logistics, International Journal of Logistics, International Journal of Physical Distribution and Logistics Management, International Journal of Logistics Management, Lloyds List, International Transport Journal, Maritime Policy and Management, Maritime Economics and Logistics.
Assessment	Course Work 40% (Case Studies and Mid-term examination 20% each) Final Exam 60%

Language	English