COURSE DESCRIPTION

Course Title	**LOGISTICS AND DISTRIBUTION MANAGEMENT**				
Course Code	ATLD401				
Course Type	Required				
Level	BSc (Level 1)				
Year / Semester	2 / Spring				
Teacher's Name	Dr Sotiris Jeropoulos				
ECTS	6	Lectures / week	3	Laboratories/week	
Course Purpose **Competencies to be Developed:**	This is the only Logistics course in the BSc (Maritime Studies) and its purpose is to provide the students a basis for the comprehension of the science of Logistics and Management of the Supply Chain. Students are expected to become conversant on what exactly Logistics activities are and how various Logistics decisions and choices impact the company's bottom line and profitability, clearly being aware of environmental consequences.				
Learning Outcomes **After they successfully complete the course, students will be able to:**	• Extensively analyse the characteristics of all modes of transportation and how modal choices are made. • Comprehensively discuss all factors influencing inventory levels and inventory management methods. • Critically evaluate all possible trade off considerations that influence the total cost / benefit arguments, including those of sustainability, when considering logistics in a company or a supply chain. • Identify and appraise all activities within a company that influence issues studied in Logistics and SCM and write an appropriate report which includes critical evaluation and recommendations.				
Prerequisites	ATSS101, ATSG101	Corequisites	NA		
Course Content	• Presentation of the issues covered by the study of Logistics. Definitions, including sku, ecr, scm. Historical overview of the retail market. The onset of consolidation, rationalisation, globalisation. How this was made possible through technical advancements in IT technology, Transportation. Logistics as a function of Sales, Marketing, Manufacturing. Warehousing and Distribution. Supply Chain Management. • Inventory levels at every stage of the SCM. Logistics in raw materials procurement, the manufacturing process, and after the goods are finished. Inbound and Outbound Logistics. Consideration of the Total Cost Picture. Lean, Agile, and Sustainable Logistics. • Forecasting and its importance. The Cost of running out of stock, and keeping too much stock. Push and Pull Sales strategies. • The Procurement process, Inbound logistics. • National and International Logistics. Local and global transportation. • Inventory in the manufacturing firm. Inventory visibility. Forecasting				

	revisited. • Economic Order Quantity. • Optimal number of Warehouses. Locations. EOQ / Inventory and how this is affected by the choice of different mode of transportation. • More Warehousing issues. 3pl, wnd. IT issues. • Transportation Modes. Today's Carrier. • Customer Service. KPI's. • The increasing significance of Sustainability and Green logistics and how all the above considerations are influenced.
Teaching Methodology	Classroom presentations, discussions and Case Studies.
Bibliography	Required Source • Christopher M., Logistics & Supply Chain Management, FT Publishing, 2016 Bibliography • Langley C. et al, Supply Chain Management: a Logistics Perspective, South-Western, 2020 • Psaraftis H.N., Sustainable Shipping, Springer, 2019 • Grant, D.B., Logistics Management, Pearson, 2012 • Rushton, P. Croucher, P. Baker, The Handbook of Logistics and Distribution Management, Kogan Page Ltd, 3rd Edition, 2006
Assessment	• Class attendance and discussion participation, 10% • One Mid Term Examination on theory, plus three or four case studies attempted in the classroom with open books but attempted individually, with the guidance of the instructor. This part of the assessment carries a 30% weight. • Final Examination, 60%
Language	English

Estimated student's work time distribution in hours:			
Contact hours		**Student's private time**	
Lecture	33	Private Study	30
Mid-Term Examination	3	Lab Report	
Final Exam	3	Homework	30
Project Presentation	0	Test Preparation	21
Lab Work	0	Final Exam Preparation	31
Lab Assessment	0	Group Project Preparation-Assignment	
Total:	39	Total:	112

Academic Integrity Policy

Academic Integrity Statement: The faculty responsible for the delivery and the assessment of this course is committed to academic integrity and adopts the Academic Integrity Policy of the University.

Meeting with Deadlines: Any assignment submitted late will not be marked and the student will receive a zero grade for the work. Deadlines will be clearly set in the course site on Learn.

Cheating: …Any student caught cheating during any test or examination will receive a zero grade for the whole course and will have to retake the course. In addition, the student will face the University Disciplinary Committee.
Plagiarism: …Care should be given to present your work in a correctly academic manner. Turnitin should be used for any and all coursework submissions wherever technically possible. You should become acquainted with the plagiarism reports issued by Turnitin and ensure that your work achieves a score of 20% or below. The Turnitin score is taken into serious consideration when marking your assignments. When it is deemed that you purposefully attempted to present someone else's work as your own, your assignment will receive a failing grade. Plagiarism includes assignment copying, inappropriate use of text from books or the internet, and in any other way failing to fully and properly reference your work and mention your sources.