

Course unit title:	<b>PROCUREMENT AND LOGISTICS MANAGEMENT</b>		
Course unit code:	ATLD401		
Type of course unit:	Compulsory		
Level of course unit:	Bachelor (1 <sup>st</sup> cycle)		
Year of study:	4 <sup>th</sup>		
Semester when the unit is delivered:	8 <sup>th</sup>		
Number of ECTS credits allocated :	6		
Name of lecturer:	Mr Aris Constantinou		
Learning outcomes of the course unit:	<p>By the end of the course, the students should be able to:</p> <ul style="list-style-type: none"> <li>• Analyze of the intricacies of cargo movement from the point of view of the Trader</li> <li>• Debate inventory issues and related costs</li> <li>• Recognize the effect of the mode of transportation to the total cost picture of the Trader</li> <li>• Outline the relationship of logistics issues to marketing and sales, finance, personnel, and Information Systems</li> <li>• Illustrate with examples the vital importance of Forecasting</li> <li>• Define Customer Service and explain how its levels are set and measured</li> <li>• Analyze all logistics components in a case study, identifying logistics and other issues</li> <li>• Prepare and present a written report with a set structure</li> </ul>		
Mode of delivery:	Lectures, and class discussions		
Prerequisites:	ATSS101, ATSG101, ATCH201	Co-requisites:	N/A
Recommended optional program components:	N/A		
Course contents:	<ul style="list-style-type: none"> <li>• 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, rationalization, globalization. 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.</li> <li>• 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.</li> <li>• Forecasting and its importance. The Cost of running out of stock, and keeping too much stock. Push and Pull Sales strategies.</li> <li>• The Procurement process, inbound logistics.</li> <li>• National and International Logistics. Local and global transportation.</li> <li>• Inventory in the manufacturing firm. Inventory visibility. Forecasting revisited.</li> <li>• Economic Order Quantity.</li> <li>• Optimal number of Warehouses. Locations. EOQ / Inventory and how this is affected by the choice of different mode of transportation.</li> <li>• More Warehousing issues. 3pl, wnd. IT issues.</li> <li>• Transportation Modes. Today's Carrier.</li> </ul>		

	<ul style="list-style-type: none"> <li>• Customer Service. KPI's.</li> </ul>
Recommended and/or required reading:	<ul style="list-style-type: none"> <li>• J. Mangan et al, Global Logistics and Supply Chain Management, Wiley, 2008</li> <li>• P. Murphy &amp; D.F. Wood, Contemporary Logistics, 9th Edition, Pearson, 2008</li> <li>• D. Waters, Supply Chain Management, 2nd Edition, Ralgrave Macmillan, 2009</li> <li>• D.J. Bowersox, D. J. Closs, M. Brixby Cooper, Supply Chain Logistics Management, 3rd Edition, Mc Graw Hill, 2010</li> <li>• S. Emmett, Excellence in Warehouse Management, John Wiley &amp; Sons Ltd, 2005</li> </ul>
Textbooks:	<ul style="list-style-type: none"> <li>• J. J. Coyle, E. J. Bardi, C. J. Langley, The Management of Business Logistics - A Supply Chain Perspective, Southwestern, 7th Edition, 2003</li> <li>• Rushton, P. Croucher, P. Baker, The Handbook of Logistics and Distribution Management, Kogan Page Ltd, 3rd Eddition, 2006</li> </ul>
References:	N/A
Planned learning activities and teaching methods:	Lectures, discussions, and presentations
Assessment methods and criteria:	Mid-Term 40% Final Exam 60%
Language of instruction:	English
Work placement(s):	Not applicable