

Course Title	Logistics and Supply Chain Management				
Course Code	ITSM 503				
Course Type	Required				
Level	MSc (Level 2)				
Year / Semester	1st Year / 2nd Semester				
Teacher's Name	Prof. Philip Rogers				
ECTS	8	Lectures/ week	3	Laboratories / week	NONE
Course Purpose	The course intends to ensure understanding of the intricacies of cargo storage and transportation with an emphasis on all the different issues with which the science of Logistics is concerned. The economic consequences of the possible choices the seller, shipper and consumer makes within logistics and the wider supply chain will be highlighted.				
Learning Outcomes	<p>By the end of the course, the students should be able to:</p> <ul style="list-style-type: none"> • 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; 				
Prerequisites	NONE	Co-requisites	NONE		
Course Content	<ul style="list-style-type: none"> • Historical overview of the retail market; • Logistics and the wider supply chain; • Inventory costs; • The Economic Order Quantity and other inventory models; • Inbound, Manufacturing, and Outbound logistics; • Transportation and containerisation • Ports • Canals • Just in time (JIT) 				

	<ul style="list-style-type: none"> • Warehousing and Distribution issues; • International Transportation; • Risk in logistics • Vulnerabilities in the Supply Chain
Teaching Methodology	The course will be delivered through lectures, discussions, and case studies.
Bibliography	<p><u>Textbook:</u></p> <p>Rushton A., Croucher P., Baker B., The Handbook of Logistics and Distribution Management, Kogan Page Ltd, latest edition.</p> <p>Martin C., Logistics & Supply Chain Management, Prentice Hall, 4th edition, 2011.</p> <p><u>References:</u></p> <p>Rodrique J-P, Comtois C, Slack B, The Geography of transport Systems, 6th Edn Available April 2024 (free on line)</p> <p>Coyle J., Langley C. and Novack R., Supply Chain Management: A Logistics Perspective, South Eastern College Publishing, 11th edition, 2020.</p> <p>Song D-W, Panayides, P, Maritime Logistics, Kogan Page, 2012</p> <p>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.</p>
Assessment	Course Work 40% Final Exam 60%
Language	English