

DEREE COLLEGE SYLLABUS FOR: LM 2020 INTRODUCTION TO LOGISTICS AND SUPPLY CHAIN MANAGEMENT							
(Updated Fall 2021)	UK LEVEL: 4 UK CREDITS: 15 US CREDITS: 3/0/3						
PREREQUISITES:	None						
CATALOG DESCRIPTION:	Overview of the logistics and supply chain industry. The logistics and supply chain context, importance of logistics and supply chain management to value offered, economic impact of logistics and supply chain industry, functions and operations, basic principles.						
RATIONALE:	By taking this module students acquire an understanding of the context of logistics and supply chain management, as well as knowledge of the theory and tools of modern logistics and of related management processes and functions within the industry and its different segments. Students will also acquire an understanding of the challenges and opportunities in the context of logistics and supply chain management at the local, national and international levels.						
LEARNING OUTCOMES:	As a result of taking this module, the student should be able to: <ol style="list-style-type: none"> 1. Describe the nature, scope and structure of the logistics and supply chain operations. 2. Explain the strategic and operational planning involved in creating and running a high value, sustainable and ethical supply chain. 3. Identify the dynamic implications involved in managing critical functions of logistics and supply chain management. 						
METHOD OF TEACHING AND LEARNING:	In congruence with the teaching and learning strategy of the college, the following tools are used: <ul style="list-style-type: none"> ➤ Classes consist of lectures, discussions, collaborative in-class small projects and specialized video presentations. ➤ Office Hours: Students are encouraged to make full use of the office hours of their instructor in order to consult and discuss issues related to the course's content. ➤ Use of blackboard platform, where instructors post lecture notes, assignments instructions, timely announcements, as well as additional resources. 						
ASSESSMENT:	<p>Summative:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">First Assessment: Midterm examination (Essay-type questions)</td> <td style="text-align: center; padding: 2px;">40%</td> </tr> <tr> <td style="padding: 2px;">Final Assessment: Written Examination (Essay-type questions)</td> <td style="text-align: center; padding: 2px;">60%</td> </tr> </table> <p>Formative:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">In-class, "diagnostic" test</td> <td style="text-align: center; padding: 2px;">0%</td> </tr> </table> <p>The formative test aims to prepare students for the summative assessments. The Midterm Examination tests Learning Outcome 1.</p>	First Assessment: Midterm examination (Essay-type questions)	40%	Final Assessment: Written Examination (Essay-type questions)	60%	In-class, "diagnostic" test	0%
First Assessment: Midterm examination (Essay-type questions)	40%						
Final Assessment: Written Examination (Essay-type questions)	60%						
In-class, "diagnostic" test	0%						

	<p>The Final Examination tests Learning Outcomes 2 and 3.</p> <p>Students are required to resit failed assessments in this module.</p>
<p>INDICATIVE READING:</p>	<p>REQUIRED MATERIAL: Murphy, P.R. & Knemeyer, A.M. (2017). Contemporary Logistics, latest edition, Pearson</p> <p>RECOMMENDED MATERIAL:</p> <p>BOOKS: Waters, D. (2016). Logistics: An Introduction to Supply Chain Management, Palgrave.</p> <p>Martin, C. (2016). Logistics & Supply Chain Management, latest edition, Pearson.</p> <p>Min. H. (2015). Essentials of Supply Chain Management: New Business Concepts and Applications, Pearson.</p> <p>ARTICLES: Ahmad, R.W., Hasan, H., Jayaraman, R., Salah, K., and Omar, M. (2021). "Blockchain applications and architectures for port operations and logistics management", Research in Transportation Business and Management, DOI: 10.1016/j.rtbm.2021.100620</p> <p>Govindan, K., Cheng, T.C.E., Mishra, N. & Shukla, N. (2018). "Big data analytics and application for logistics and supply chain management". Transportation Research Part E: Logistics and Transportation Review, Vol. 114, pp. 343-349</p> <p>Helo, P. & Ala-Harja, H. (2018). "Green logistics in food distribution – a case study", International Journal of Logistics Research and Applications, Vol. 21 No 4, pp. 464-479</p> <p>Kain, R. & Verma, A. (2018). "Logistics Management in Supply Chain – An Overview", Materials Today: Proceedings, Vol. 5 No 2, pp. 3811-3816</p> <p>Menachof, D.A., Grant, D.B. & Lalwani, C (2018). "Doing the right thing – ethical issues in logistics and supply chain", International Journal of Logistics Research and Applications, Vol. 21 No 2, pp. 113-114</p> <p>Min, S., Zacharia, Z. G. & Smith, C. D. (2019). "Defining Supply Chain Management: In the Past, Present, and Future". Journal of Business Logistics, Vol. 40, pp. 44-55</p> <p>Shen, B. Xu, X. & Guo, S. (2019). "The impacts of logistics services on short life cycle products in a global supply chain", Transportation Research Part E: Logistics and Transportation Review, Vol. 131 pp. 153-167</p> <p>Sun, J., Li, G., Xu, S.X. & Dai, W. (2019). "Intermodal transportation service procurement with transaction costs under belt and road initiative". Transportation Research Part E: Logistics and Transportation Review, Vol. 127, pp. 31-48</p> <p>Tu, M. (2018). "An exploratory study of Internet of Things (IoT) adoption intention in logistics and supply chain management", International Journal of Logistics Management, The, Vol. 29 No. 1, pp. 131-151</p>

	<p>Yavas, V. and Ozen, Y.D.O. (2020), "Logistics centers in the new industrial era: A proposed framework for logistics center 4.0", Transportation Research Part E Logistics and Transportation Review, Vol. 135. DOI: 10.1016/j.tre.2020.101864</p> <p>Zhu, Z., Zhao, J. & Bush, A. (2020). "The effects of e-business processes in supply chain operations: Process component and value creation mechanisms, International Journal of Information Management, Vol. 50, pp. 273-285</p>
INDICATIVE MATERIAL: (E.g. audiovisual, digital material, etc.)	<p>REQUIRED MATERIAL: N/A</p> <p>RECOMMENDED MATERIAL: N/A</p>
COMMUNICATION REQUIREMENTS:	Use of appropriate academic conventions as applicable in oral and written communications.
SOFTWARE REQUIREMENTS:	MS Office
WWW RESOURCES:	<p>Students are expected to use the internet at their own discretion to select information on the module. Useful sources include:</p> <p>https://cscmp.org/ https://www.instituteforsupplymanagement.org/index.cfm?SSO=1 https://www.ifpsm.org/ https://www.logisticsmgmt.com/ https://logisticsviewpoints.com/ https://www.insidelogistics.ca/ https://www.packagingnews.co.uk/ https://procureinsights.com/ http://www.ontarioinstitute.com/ToolsResources/SCMResourceCentre.aspx http://www.apics.org/apics-for-business https://www.supplychaindigital.com/ https://www.cips.org/supply-management/</p>
INDICATIVE CONTENT:	<ol style="list-style-type: none"> 1. Overview of Logistics 2. Logistics and Information Technology 3. Strategic and Financial Logistics 4. Organisational and Managerial Issues in Logistics 5. Supply Chain Management 6. Procurement 7. Demand Management, Order Management and Customer Service 8. Inventory Management 9. Locating Facilities 10. Warehouse Management 11. Packaging and Materials Handling 12. Transportation 13. Global Logistics