

<b>DEREE COLLEGE SYLLABUS FOR:</b>	
<b>LM 4641 SEMINAR IN LOGISTICS AND SUPPLY CHAIN MANAGEMENT – LEVEL 6    US CREDITS: 3/0/3</b>	
<b>UK CREDITS: 15</b>	
(Spring 2015)	
<b>PREREQUISITES:</b>	MA 1108 College Algebra MA 2021 Applied Statistics MG 3034 Managing People and Organizations MG/LM 4242 Supply Chain Management MG/LM 4343 Operations Management LM 3025 The Logistics of Supply Networks
<b>CATALOG DESCRIPTION:</b>	Integration of knowledge from prior business administration as well as logistics and supply chain modules, including management, marketing, finance and human resources, for the development of a highly competitive logistics and supply chain strategy.
<b>RATIONALE:</b>	The analysis, formulation and execution of effective logistics and supply chain strategy are necessary in order for an organisation to sustain success in an international business environment. This course focuses on fundamental tools and techniques used in strategic planning for logistics and supply chain systems. Through the integration of knowledge and skills acquired in previous courses with strategic concepts, practices and principles taught in this course, students will learn to develop highly competitive supply chain strategies in alignment with the overall corporate objectives.
<b>LEARNING OUTCOMES:</b>	As a result of taking this module, the student should be able to: <ol style="list-style-type: none"> <li>1. Explain and access different practices of supply chain strategy analysis, formulation, implementation and control into relevant theoretical frameworks</li> <li>2. Integrate the supply chain theoretical frameworks into the development, implementation and control of strategies in actual business contexts.</li> <li>3. Assess the logistics and supply chain strategy of a business organization and explain its impact on corporate strategy.</li> <li>4. Synthesize and integrate the knowledge gained in other modules (e.g. management, marketing, finance, accounting, ethics, etc.) in analyzing logistics and supply chain issues and recommending appropriate action.</li> </ol>
<b>METHOD OF TEACHING AND LEARNING:</b>	Interactive, not a lecture course. The course is delivered through a few 'traditional' lectures and mostly through interactive group discussions and feedback sessions on submitted student work. A substantial amount of time is devoted to supervising student projects individually. The major learning activity is an individual research project of 4.000 – 4.500 words conducted on a logistics and/or supply chain management topic approved by the instructor. The topic will include field work and will be presented.
<b>ASSESSMENT:</b>	

	Coursework - <b>formative</b>	0%	Interactive group discussions and feedback sessions on work submitted
	Major research project - <b>summative</b>	60%	Individual assignment of 4.000 – 4.500 words
	Project presentation	10%	
	Midterm examination (1-hour, in class) - <b>summative</b>	30%	essay-type
	<p>The formative coursework aims to prepare students for the major written research project and midterm examination.</p> <p>The midterm examination tests Learning Outcome 1 The major written research project tests Learning Outcomes 2, 3 and 4.</p>		
<b>INDICATIVE READING LIST:</b>	<p><b>REQUIRED MATERIAL:</b></p> <ul style="list-style-type: none"> <li>Simchi-Levi, D., P. Kaminsky and E. Simchi-Levi, (2007), <i>Designing and Managing the Supply Chain: Concepts, Strategies and Case Studies</i>, McGraw-Hill, (latest edition).</li> </ul> <p><b>RECOMMENDED READING:</b></p> <p><b>BOOKS</b></p> <ul style="list-style-type: none"> <li>Charles Fine, (1998) <i>Clockspeed: Winning Industry Control in the Age of Temporary Advantage</i>, Perseus Books.</li> <li>David Simchi-Levi, (1999), <i>Designing and Managing the Supply Chain: Concepts, Strategies and Case Studies</i>, McGraw-Hill.</li> <li>Edward Frazelle, (2001), <i>Supply Chain Strategy</i>. McGraw Hill Professional.</li> <li>Arjan Van Weele, (2009), <i>Purchasing And Supply Chain Management: Analysis, Strategy, Planning And Practice</i>, Cengage Learning EMEA.</li> <li>Marcus Brandenburg,(2013) <i>Quantitative Models for Value-Based Supply Chain Management</i>, Springer-Verlag.</li> </ul> <p><b>ARTICLES</b></p> <ul style="list-style-type: none"> <li>Nadkarni, S and Narayanan, V.K. (2009). Strategic schemas, strategic flexibility, and firm performance : the moderating role of industry clockspeed, <i>Strategic Management Journal</i>, 28(3), 243-270.</li> <li>Nadkarni, S. and Narayanan, V.K. (2007). The Evolution of Collective Strategy Frames in High- and Low-Velocity Industries. <i>Organization Science</i> 18(4), 688-711.</li> <li>Chatfield, D.C. (2013). Underestimating the bullwhip effect: a</li> </ul>		

	<p>simulation study of the decomposability assumption. <i>International Journal of Production Research</i>, 51(1), 230-244.</p> <ul style="list-style-type: none"> <li>• Akyuz, G.A. &amp; Erkan, E.T. (2010). Supply chain performance measurement: a literature review. <i>International Journal of Production Research</i>, 48(17), 5137-5155.</li> <li>• Klein, R., &amp; Rai, A. (2009). Interfirm strategic information flows in logistics supply chain relationships. <i>MIS Quarterly</i>, 33(4), 735-762.</li> <li>• Melnyk, S.A., Lummus, R.R., Vokurka, R.J., Burns, L.J., &amp; Sandor, J. (2009). Mapping the future of supply chain management: a Delphi study. <i>International Journal of Production Research</i>, 47(16), 4629-4653.</li> <li>• Florian, G. (2013). Performance benefits of harmonizing organizational strategy with strategy at supply chain level. <i>Annals of the University of Oradea, Economic Science Series</i>, 22(2), 581-586.</li> <li>• Lichocik, G., &amp; Sadowski, A. (2013). Efficiency of supply chain management: Strategic and operational approach. <i>Logforum</i>, 9(2), 119-125.</li> <li>• Gligor, D. M., &amp; Holcomb, M. (2014). The road to supply chain agility: an RBV perspective on the role of logistics capabilities. <i>International Journal of Logistics Management</i>, 25(1), 160-179.</li> <li>• Gunasekaran, A. &amp; Choy, K. (2012, May). Industrial logistics systems: theory and applications. <i>International Journal of Production Research</i>. pp. 2377-2379.</li> <li>• Lee, H. (2004). "The Triple-A Supply Chain." <i>Harvard Business Review</i>, Vol. 82, No. 10 (October), pp. 102-111.</li> </ul> <p><b>REPORTS</b></p> <ul style="list-style-type: none"> <li>• Steven A. Melnyk, Rhonda Lummus, Robert J. Vokurka, Joseph Sandor, (2006) <i>SUPPLY CHAIN MANAGEMENT 2010 AND BEYOND: Mapping the future of the Strategic Supply Chain</i>,</li> </ul> <p><b>JOURNALS</b></p> <ul style="list-style-type: none"> <li>• Business Process Management Journal</li> <li>• Harvard Business Review</li> <li>• International Journal of Logistics Management</li> <li>• International Journal of Operations and Production Management</li> <li>• International Journal of Physical Distribution and Material Flow</li> <li>• International Journal of Productivity and Performance Management</li> <li>• International Journal of Quality and Reliability Management</li> <li>• International Journal of Retail and Distribution Management</li> <li>• International Journal of Service Industry Management</li> <li>• Journal of Business Logistics</li> <li>• Logistics Today</li> <li>• Strategic Management Journal</li> </ul>
<b>COMMUNICATION REQUIREMENTS:</b>	Assignments presented in Word. Use of appropriate terminology.
<b>SOFTWARE REQUIREMENTS:</b>	Blackboard, MS Office, search engines

<b>WWW RESOURCES:</b>	<p>Students are expected to use the internet at their own discretion to select information on the module. Useful sources include:</p> <p> <a href="#"><u>Council of Supply Chain Management Professionals (CSCMP)</u></a>  <a href="#"><u>Institute for Supply Management (ISM)</u></a>  <a href="#"><u>International Federation of Purchasing &amp; Supply Management (IFPSM)</u></a>  <a href="#"><u>Logistics Management</u></a>  <a href="#"><u>Logistics Quarterly</u></a>  <a href="#"><u>Logistics Viewpoints</u></a>  <a href="#"><u>Material Handling Management</u></a>  <a href="#"><u>MM&amp;D</u></a>  <a href="#"><u>Packaging News</u></a>  <a href="#"><u>Procurement Insights</u></a>  <a href="#"><u>SCM Resource Centre</u></a>  <a href="#"><u>Supply Chain &amp; Logistics Association Canada (SCL)</u></a>  <a href="#"><u>Supply Chain Council (SCC)</u></a>  <a href="#"><u>Supply Chain Digital</u></a>  <a href="#"><u>Supply Chain Intelligence</u></a>  <a href="#"><u>Supplymanagement.com</u></a> </p>
<b>INDICATIVE CONTENT:</b>	<ol style="list-style-type: none"> <li>1. Definition Evolution and Role of SC &amp; Logistics Strategy</li> <li>2. Supply Chain integration</li> <li>3. SC Strategic Partnering</li> <li>4. Customer value and service</li> <li>5. Supply Chain and Logistics organisation, design and development</li> <li>6. Product Design for Logistics</li> <li>7. Inventory Management in the supply chain</li> <li>8. Distribution management</li> <li>9. International Logistics</li> </ol>