

DEREE COLLEGE SYLLABUS FOR:									
MG 3059 Port Administration and Logistics									
UK LEVEL: 5 UK CREDITS: 15 US CREDITS: 3/0/3									
(Revised: January 2015)									
PREREQUISITES:	None								
CATALOG DESCRIPTION:	Port organization, functions, planning, operations and management. Port competition and pricing. Modern logistics with an emphasis on the position of ports in the logistics and supply chains.								
RATIONALE:	Students specializing in shipping should understand the significance and challenges related to ports. Ports constitute an integral part of the logistics chain, their role goes beyond the traditional cargo-handling functions and they are faced with the challenge of having to provide value added services. The course analyzes how ports are organized, managed and planned, and how ports interface with the logistics chain. The course provides necessary knowledge and understanding of the principles and evolution of container terminal management, port indicators and supply chain management.								
LEARNING OUTCOMES:	As a result of taking this course, the student should be able to: <ol style="list-style-type: none"> 1. Define the role of ports, and explain port interface with logistics and the supply chain. 2. Analyze port performance and describe the involvement of principal stakeholders in port management, port safety and port security. 3. Integrate port planning and development policies, and analyze port charges and port competition-related issues. 								
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, simulation and specialized video presentations. Throughout the lectures students develop knowledge and understanding related to the subject content. Discussions and collaborative in-class small projects reinforce students' cognitive and key transferable skills. Specialized video presentations familiarize students with professional skills and further develop their cognitive skills. • 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 site, where instructors post lecture notes, assignments instructions, timely announcements, as well as additional resources. 								
ASSESSMENT:	<p>Summative:</p> <table border="1"> <tr> <td>Written Project; Individual; 1,300-1,700 words</td> <td>40%</td> </tr> <tr> <td>Final Examination; 2 hours, essay type, problem solving</td> <td>60%</td> </tr> </table> <p>Formative:</p> <table border="1"> <tr> <td>Coursework - case studies and experiential exercises</td> <td>0%</td> </tr> <tr> <td>In-class I-hour "diagnostic" test</td> <td>0%</td> </tr> </table> <p>The formative coursework aims to prepare students for the final examination. The written project tests Learning Outcome 1. The final examination tests Learning Outcomes 2, 3.</p>	Written Project; Individual; 1,300-1,700 words	40%	Final Examination; 2 hours, essay type, problem solving	60%	Coursework - case studies and experiential exercises	0%	In-class I-hour "diagnostic" test	0%
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Final Examination; 2 hours, essay type, problem solving	60%								
Coursework - case studies and experiential exercises	0%								
In-class I-hour "diagnostic" test	0%								

INDICATIVE READING:**REQUIRED READING:**

Maria G. Burns, Port Management and Operations, CRC Press, Taylor & Francis Group, 2014, ISBN: 9781482206753.

RECOMMENDED READING:

Alderton P., Port Management and Operations, Informa, 2008, ISBN: 978 1 84311 750 6

Chen, L. and Notteboom, T. (2012). Determinants for assigning value-added logistics services to logistics centers within a supply chain configuration, Journal of International Logistics and Trade, 10(1), pp. 3-41.

David Pinder & Brian Slack, Shipping and Ports in the Twenty-first Century, Routledge Advances in Maritime Research, 2012

De Langen, P.W., Van Meijeren, J. and Tavasszy, L.A. (2012). Combining Models and Commodity Chain Research for Making Long-Term Projections of Port Throughput: an Application to the Hamburg Le Havre Range, European Journal of Transport & Infrastructure Research, 12(3), pp. 310-331.

Hilde Meersman, Eddy Van de Voorde, Thierry Vanellander, Port Infrastructure Finance, Informa Law from Routledge, 2014.

Hwan Kim K. (Editor) & Gunther H.O. (Editor), Container Terminal and Cargo Systems: Design, Operations Management and Logistics Control Issues, 2007, Springer, ISBN: 3540 4954 95

Kenneth Christopher, Port Security Management, Second Edition, CRC Press, Taylor & Francis Group, 2014.

Khalid Bichou, Port Operations, Planning and Logistics, Informa, 2009, ISBN: 978 1 84311 8053

Lopez R.C and Poole N., Quality Assurance in the Maritime Port Logistics Chain: the Case of Valencia, Spain, Supply Chain Management, vol. 3.1, pp. 33-44

Notteboom T.E. and Winkelmann W., Structural changes in logistics: how will port authorities face the challenge? Maritime Policy and Management, vol. 28, 1, pp. 71-89

Notteboom, T., Verhoeven, P. and Fontanet, M. (2012). Current practices in European ports on the awarding of seaport terminals to private operators: Towards an industry good practice guide, Maritime Policy and Management, 39(1), pp. 107–123.

JOURNALS, MAGAZINES, OTHER SOURCES:

Journal of Transport Geography

Journal of Transport & Infrastructure Research

Journal of International Logistics and Trade

Journal of Maritime Policy & Management

Journal of Shipping & Transport Logistics

International Journal of Logistics Management

UNCTAD Monographs on Port Management:
The Management and Development of Human Resources in
Ports, 1992, UNCTAD/SHIP/644

	Marketing Promotion Tools for Ports, 1997, UNCTAD/SHIP/494(2) Operations Planning in Ports, 1985, UNCTAD/SHIP/494(4)
INDICATIVE MATERIAL: N/A <i>(E.g. audiovisual, digital material, etc.)</i>	REQUIRED MATERIAL: RECOMMENDED MATERIAL:
COMMUNICATION REQUIREMENTS:	Assignments presented in Word. Use of proper English, both oral and written.
SOFTWARE REQUIREMENTS:	Microsoft Office Word, Excel
WWW RESOURCES:	http://www.iaphworldports.org (IAPH) http://espo.be (European Sea Port Organization) www.worldbank.org (see under Ports and Waterborne Transport) www.porteconomics.gr https://www.marinetraffic.com/en/ais/index/ports/all
INDICATIVE CONTENT:	<ol style="list-style-type: none"> 1. Diversity of port ownership forms and port operations 2. Port organization and management 3. Port quality assurance 4. Port safety and security 5. Role of statutory bodies and other stakeholders like trade unions 6. Human element at ports 7. Port indicators (e.g. berth planning, ship operation, quay transfer) 8. Container terminal planning and management 9. Proper container terminal capacity (PCTC) 10. Supply chain management principles 11. IT-based logistics systems 12. Concept of port logistics