

Course Title	Port Operations and Logistics				
Course Code	SOM 007				
Course Type	Lectures				
Level	Postgraduate				
Year / Semester	1 st / 3 rd				
Teacher's Name	Dr. Dimitris Tsouknidis				
ECTS	10	Lecture hours (total)	10 hours	Laboratory hours (total)	6 hours
Course Purpose and Objectives	The aim of this course is to provide students with a good understanding of port economics and management by addressing relevant concepts that include the integration of ports and terminals in global supply chains.				
Learning Outcomes	After taking this course students will be able to characterize key concepts pertaining to the port development and operation, port users, port governance, demand and supply in ports, port economic performance, efficiency and competitiveness as well as key concepts in logistics and the integration of ports and maritime operations with maritime logistics. Issues of port financing and port pricing are also addressed. In this context, by the end of the course students will have a thorough understanding of issues in port economics and how decisions as to investment and development, port operations and the improvement and management of port performance and integration with maritime logistics and supply chains are made.				
Prerequisites		Required	None		
Course Content	<p>Introduction to Port Economics</p> <p>The role of seaports, functions and features</p> <p>Port Users, Commodities, trades and Operations</p> <p>Port Functions and Development</p> <p>Port Ownership and Governance</p> <p>Demand, Supply, Costs</p> <p>Port Financing</p> <p>Port Efficiency and Competition</p> <p>Port Performance Measurement and Management</p> <p>Maritime Logistics</p> <p>Port Integration in Logistics</p>				
Teaching Methodology	<ul style="list-style-type: none"> • Audiovisual lectures • Exercises • Assignments • Extensive readings of the international literature • Live sessions 				

Bibliography	<p>Books</p> <p>Grammenos, C. Th. (ed) (2010), <i>The Handbook of Maritime Economics and Business</i>, London: LLP Limited. Part Ten: Port Economics and Management (pp. 889-994)</p> <p>Haralambides, H.E. (2015), <i>Port Management</i>, London: Palgrave Macmillan</p> <p>Rodrigue, J-P. (2014), <i>The Geography of Transport Systems</i>, 3rd ed., New York: Routledge.</p> <p>Song, D.W. and Panayides, Ph.M. (2015), <i>Maritime Logistics: A Guide to Contemporary Shipping and Port Management</i>, London: Kogan Page.</p> <p>Song D.W. and Panayides, Ph. M. (2012), <i>Maritime Logistics: A Complete Guide to Effective Shipping and Port Management</i>, London: Kogan Page.</p> <p>Talley, W.K. (2017), <i>Port Economics</i>, London: Routledge</p> <p>Talley, W.K. (ed) (2012) <i>The Blackwell Companion to Maritime Economics</i>, London: Blackwell Publishing. Part V: Port Economics, (pp. 471-716)</p> <p>Journals</p> <p>Maritime Economics and Logistics, Maritime Policy and Management, Transportation Research E.</p>
Assessment	<ul style="list-style-type: none"> • 2 Assignments 30% • Final Examination 70%
Language	<ul style="list-style-type: none"> • English