

The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT5010
Subject Title	Port Policy and Management
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Objectives	<p>It provides students with comprehensive knowledge on the nature of port, its evolution, development, and management. It also introduces students to the roles and functions of ports in the economic and transport infrastructure of a territory, as well as port competition and policy choices.</p> <p>This subject contributes to the following Intended Learning Outcomes for the MSc programme(s):</p> <p>MSc/PgD in International Shipping and Transport Logistics (Mixed-mode/Full time Stream)</p> <p>#1: Demonstrate how international shipping functions (Learning objective 1b)</p>
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> a. To provide the students with comprehensive understanding on port management and operations, port competition and policy choices. b. To provide students with the ability to analyze the implications of port policy and management.
Subject Synopsis/ Indicative Syllabus	<p>Port development: Historical development of ports; geographical location; classification and characteristics; the economic and logistical role and functions of ports.</p> <p>Port policy and regulation: Duties and powers of a port authority; port administration and structure (private vs. public sector ownership); port policies: port reform and governance; port co-operation and competition; port safety and security.</p> <p>Port management: port marketing and sales; port pricing and tariffs; port investment and financing; port management information systems; future development of ports in an era of increasing ship size. Application of modern information and communication technology (ICT) to container port.</p> <p>Green policy: ports and the environment: ship-borne and cargo-borne pollution; the influence of ports on the marine ecosystem.</p>

Teaching/Learning Methodology	<p>Lectures will be used to present the basic theories and their application to the real world. General principles of the syllabus topic will be presented and developed during the lectures. There will also be seminar-type discussions where students will develop and apply the general principles of the topic in student-centred activities, including group discussions of cases, student presentations and discussions.</p> <table border="1" data-bbox="600 555 1437 842"> <thead> <tr> <th data-bbox="600 555 863 651">Teaching/Learning Methodologies</th> <th colspan="4" data-bbox="863 555 1437 651">Intended Subject Learning Outcomes to be assessed</th> </tr> <tr> <td data-bbox="600 651 863 714"></td> <td data-bbox="863 651 1034 714">a</td> <td data-bbox="1034 651 1169 714">b</td> <td data-bbox="1169 651 1305 714"></td> <td data-bbox="1305 651 1437 714"></td> </tr> </thead> <tbody> <tr> <td data-bbox="600 714 863 777">Lecture</td> <td data-bbox="863 714 1034 777">✓</td> <td data-bbox="1034 714 1169 777">✓</td> <td data-bbox="1169 714 1305 777"></td> <td data-bbox="1305 714 1437 777"></td> </tr> <tr> <td data-bbox="600 777 863 842">Tutorial</td> <td data-bbox="863 777 1034 842">✓</td> <td data-bbox="1034 777 1169 842">✓</td> <td data-bbox="1169 777 1305 842"></td> <td data-bbox="1305 777 1437 842"></td> </tr> </tbody> </table>							Teaching/Learning Methodologies	Intended Subject Learning Outcomes to be assessed					a	b			Lecture	✓	✓			Tutorial	✓	✓																				
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Assessment Methods in Alignment with Intended Learning Outcomes	<table border="1" data-bbox="533 875 1484 1319"> <thead> <tr> <th data-bbox="533 875 841 1077" rowspan="2">Specific assessment methods/tasks</th> <th data-bbox="841 875 995 1077" rowspan="2">% weighting</th> <th colspan="6" data-bbox="995 875 1484 1010">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th> </tr> <tr> <th data-bbox="995 1010 1075 1077">a</th> <th data-bbox="1075 1010 1155 1077">b</th> <th data-bbox="1155 1010 1235 1077"></th> <th data-bbox="1235 1010 1315 1077"></th> <th data-bbox="1315 1010 1394 1077"></th> <th data-bbox="1394 1010 1484 1077"></th> </tr> </thead> <tbody> <tr> <td data-bbox="533 1077 841 1144">1. Final Examination</td> <td data-bbox="841 1077 995 1144">50%</td> <td data-bbox="995 1077 1075 1144">✓</td> <td data-bbox="1075 1077 1155 1144">✓</td> <td data-bbox="1155 1077 1235 1144"></td> <td data-bbox="1235 1077 1315 1144"></td> <td data-bbox="1315 1077 1394 1144"></td> <td data-bbox="1394 1077 1484 1144"></td> </tr> <tr> <td data-bbox="533 1144 841 1245">2. Continuous Assessment</td> <td data-bbox="841 1144 995 1245">50%</td> <td data-bbox="995 1144 1075 1245">✓</td> <td data-bbox="1075 1144 1155 1245">✓</td> <td data-bbox="1155 1144 1235 1245"></td> <td data-bbox="1235 1144 1315 1245"></td> <td data-bbox="1315 1144 1394 1245"></td> <td data-bbox="1394 1144 1484 1245"></td> </tr> <tr> <td data-bbox="533 1245 841 1319">Total</td> <td data-bbox="841 1245 995 1319">100 %</td> <td colspan="6" data-bbox="995 1245 1484 1319"></td> </tr> </tbody> </table> <p data-bbox="533 1335 1484 1435">To reflect the significant technology content in this subject, 10% (or more) of the overall weighting of this subject is based on individual assessment concerning technology-related knowledge.</p>							Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)						a	b					1. Final Examination	50%	✓	✓					2. Continuous Assessment	50%	✓	✓					Total	100 %						
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Student Study Effort Expected	<p>Class contact:</p> <ul style="list-style-type: none"> ▪ Lectures / Tutorials <p>Other student study effort:</p> <ul style="list-style-type: none"> ▪ Revisions ▪ Course project and presentation <p>Total student study effort</p>						<p>39 Hrs.</p> <p>67 Hrs.</p> <p>20 Hrs.</p> <p>126 Hrs.</p>																																						
Reading List and References	<p>Books:</p> <p>Alderton, P. (2005): <i>Port Management and Operations</i>, 2nd edition, LLP, London.</p>																																												

Brooks, M.R. and Cullinane, K. (Eds.) (2007): *Devolution, Port Governance and Port Performance*, Elsevier, London.

Cullinane, K. and Talley, W.K. (Eds.) (2006): *Port Economics*, Elsevier, London.

Frankel, E.G. (1987): *Port Planning and Development*, John Wiley & Sons, New York.

Song, D.W. and Cullinane, K. (Eds.) (2007): *Asian Container Ports*, Palgrave Macmillan, New York.

Talley, W.K. (Ed.) (2008): *Maritime Safety, Security and Piracy*, LLP, London.

Wang, J., Olivier, D., Notteboom, T. and Slack, B. (Eds.) (2007): *Ports, Cities, and Global Supply Chains*, Ashgate, Aldershot.

Journals :

Environment and Planning A

Journal of Transport Geography

Maritime Economics and Logistics (formerly International Journal of Maritime Economics)

Maritime Policy and Management

Research in Transportation Economics