

The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT3003
Subject Title	Intermodalism
Credit Value	3
Level	3
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Role and Purposes	This subject enables students to understand the application of concepts of international trade and transport economics in the transportation of container via multi transport modes.
Subject Learning Outcomes	<p>On successfully completing this subject, students will be able to:</p> <ol style="list-style-type: none"> a. contribute to the solution of business related problems in intermodal operations (Outcome 11); b. foster intellectual and personal development, self-confidence and the ability to tackle problems without supervision; c. present intermodal discipline in an integrated form which reflects sound business practices (Outcome 4); d. develop approaches to defining, analysing and solving problems, whether those problems are structured or unstructured (Outcome 11); e. develop the ability to communicate effectively and fluently in both written and spoken forms; and <p>Studying this subject will also help develop students' global outlook, critical and creative thinking, cultural appreciation, life-long learning, and entrepreneurship and leadership.</p>
Subject Synopsis/ Indicative Syllabus	<ol style="list-style-type: none"> 1. Introduction to intermodal transport <ul style="list-style-type: none"> • Development of intermodal transport • Intermodal transport and OBOR • Intermodal transport in Hong Kong • Service characteristics of various transport modes 2. Intermodal transport system <ul style="list-style-type: none"> • Container transport chain • Physical flow in container transport • Framework of intermodal transport system

	<p>3. Container shipping</p> <ul style="list-style-type: none"> • Liner shipping management • Shipping network • Empty container management <p>4. Terminal operations</p> <ul style="list-style-type: none"> • Managing container terminals • Agile port • Port development 																																								
<p>Teaching/Learning Methodology</p>	<p>In the lectures the general principles of the syllabus topic will be presented and developed, together with guidance on further reading and activities. Lectures may also be used for the presentation and discussion of leading cases.</p> <p>In the seminars, students will develop and apply the general principles of the topic in student-centred activities, including role-plays, student presentations and discussions.</p>																																								
<p>Assessment Methods in Alignment with Intended Learning Outcomes</p>	<table border="1" data-bbox="533 913 1481 1350"> <thead> <tr> <th rowspan="2">Specific assessment methods/tasks</th> <th rowspan="2">% weighting</th> <th colspan="5">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th> </tr> <tr> <th>a</th> <th>b</th> <th>c</th> <th>d</th> <th>e</th> </tr> </thead> <tbody> <tr> <td>Assignments</td> <td>20%</td> <td></td> <td>✓</td> <td></td> <td>✓</td> <td></td> </tr> <tr> <td>Project</td> <td>10%</td> <td>✓</td> <td></td> <td>✓</td> <td></td> <td>✓</td> </tr> <tr> <td>Examination</td> <td>70%</td> <td>✓</td> <td>✓</td> <td></td> <td>✓</td> <td></td> </tr> <tr> <td>Total</td> <td>100 %</td> <td colspan="5"></td> </tr> </tbody> </table> <p>Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p><i>To pass this subject, students are required to obtain Grade D or above in BOTH the Continuous Assessment and Exam components.</i></p>	Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)					a	b	c	d	e	Assignments	20%		✓		✓		Project	10%	✓		✓		✓	Examination	70%	✓	✓		✓		Total	100 %					
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**Reading List and
References**

Lowe D. (2006), *Intermodal Freight Transport*, Elsevier

Lun Y.H.V., Lai K.H. and Cheng T.C.E. (2010), *Shipping and Logistics Management*, Springer

Bichou K. (2009), *Port Operations, Planning and Logistics*, Informa

Branch, A. (2007), *Elements of Shipping*, Routledge

Coyle J.J., Novack R.B., Gibsom B.J., Bardi E.J. (2011), *Management of Transportation*, South-Western Cengage Learning

Fricker J.D. and Whitford R.K. (2004), *Fundamentals of Transportation Engineering: A Multimodal Systems Approach*, Pearson

Gubbins E. (2004), *Managing Transport Operations*, Kogan Page

Lun Y.H.V., Lai K.H. and Cheng T.C.E. (2009), *Container Transport Management*, Inderscience

Scholarly journals:

International Journal of Shipping and Transport Logistics

Transport Reviews