

The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT5067
Subject Title	Intermodal Transport Management
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Role and Purposes	To comprehend and apply concepts of international trade and transport economics in the container transport chain via international transport.
Subject Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> a. Demonstrate relevant knowledge and understanding of the concepts of intermodal transport and the business environment in which they operated; b. Understand the current developments of relevant economical and technological issues in relation to the operations and management of intermodal transport; c. Evaluate intermodalism in an integrated form which reflects sound business practices; d. Develop approaches to defining and analyzing problems as well as formulate solutions for structured and unstructured problems in intermodal transport.
Subject Synopsis/ Indicative Syllabus	<p>Introduction and development of intermodal transport;</p> <p>Containerization and the concept of container transport chain;</p> <p>Intermodal and the auxiliary transport system;</p> <p>Contemporary freight transport patterns;</p> <p>Managing road haulage and rail-freight operations, inland waterway, short-sea and coastal shipping;</p> <p>The economics of transshipment;</p> <p>The role of seaport and inland infrastructure in intermodal transport;</p> <p>Strategic analysis and current strategies of carriers in intermodal transport;</p> <p>Formulation of business strategies in managing intermodal transport</p>
Teaching/Learning Methodology	Lectures supplemented by class activities such as tutorials, seminar, case discussion, and presentations. In the lectures the general principles of the syllabus will be presented and developed. Students are expected to take an active part in the learning processes.

Assessment Methods in Alignment with Intended Learning Outcomes	Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)				
			a	b	c	d	
	Coursework	50%		✓	✓	✓	
	Examination	50%	✓	✓		✓	
	Total	100 %					
Student Study Effort Expected	Class contact:						
	▪ Lectures / Tutorials		39 Hrs.				
	Other student study effort:						
	▪ Project		40 Hrs.				
	▪ Self-study		47 Hrs.				
	Total student study effort		126 Hrs.				
Reading List and References	Recommended textbooks						
	1. Lun Y.H.V., Lai K.H. and Cheng T.C.E., 2009, <i>Container Transport Management</i> , Shipping and Transport Logistics Book Series, Inderscience 2. Lun Y.H.V., Lai K.H and Cheng T.C.E. 2010, <i>Shipping and Logistics Management</i> , Springer						
References							
1. Stopford Martin, 2009, <i>Maritime Economics</i> , Routledge 2. Goulielmos A.M., Lun Y.H.V., Ng C.T. and Cheng T.C.E., 2010, <i>The Business of Shipping</i> , Shipping and Transport Logistics Book Series, Inderscience 3. Lowe David, 2005, <i>Intermodal Freight Transport</i> , Elsevier 4. Branch Alan, 2008, <i>Elements of Shipping</i> , Routledge							