

**City University of Hong Kong
Course Syllabus**

**offered by Department of Public Policy
with effect from Semester A 2017 / 18**

Part I Course Overview

Course Title:	Transport Planning & Management
Course Code:	POL3234
Course Duration:	1 semester
Credit Units:	3 credits
Level:	B3
Proposed Area: <i>(for GE courses only)</i>	<input type="checkbox"/> Arts and Humanities <input type="checkbox"/> Study of Societies, Social and Business Organisations <input type="checkbox"/> Science and Technology
Medium of Instruction:	English
Medium of Assessment:	English
Prerequisites: <i>(Course Code and Title)</i>	Nil
Precursors: <i>(Course Code and Title)</i>	Nil
Equivalent Courses: <i>(Course Code and Title)</i>	SA4956 Transport Planning and Development; SA3234 Transport Planning and Management
Exclusive Courses: <i>(Course Code and Title)</i>	Nil

Part II Course Details

1. Abstract

(A 150-word description about the course)

This course aims to provide students with an understanding of transport planning techniques and transport management measures. It examines the planning and management problems of transport facilities and the public transport systems with a Hong Kong context. The course will also strengthen student research skills in data collection, questionnaire design and data analysis. Students will engage in project-based learning and apply their knowledge and skills to investigate and appraise the various transport planning and management measures in solving transport problems in a real life situation.

2. Course Intended Learning Outcomes (CILOs)

(CILOs state what the student is expected to be able to do at the end of the course according to a given standard of performance.)

No.	CILOs [#]	Weighting* (if applicable)	Discovery-enriched curriculum related learning outcomes (please tick where appropriate)		
			A1	A2	A3
1.	Examine and explain the key concepts of transport problems.		√		
2.	Apply transport planning and management measures to solve transport problems.			√	
3.	Identify a current transport problem, initiate a research study, design questionnaire and conduct an original survey on a group basis.			√	√
4.	Explore data and literature for the group research project; evaluate findings and devise recommendations.		√	√	√
		100%			

* If weighting is assigned to CILOs, they should add up to 100%.

[#] Please specify the alignment of CILOs to the Gateway Education Programme Intended Learning outcomes (PILOs) in Section A of Annex.

A1: Attitude

Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

A2: Ability

Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to self-life problems.

A3: Accomplishments

Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.

3. Teaching and Learning Activities (TLAs)

(TLAs designed to facilitate students' achievement of the CILOs.)

TLA	Brief Description	CILO No.						Hours/week (if applicable)
		1	2	3	4			
Lecture	Examining and appraising transport planning techniques and transport management measures; identifying key concepts and practices	√	√		√			2 hours/week
Tutorial	Presentation of group project, discussion of issues and arguments which address the CILOs, devising recommendations to alleviate the identified transport problem	√	√	√	√			1 hour/week
Written Paper	Conducting original survey and writing up a project paper to present student understanding of key issues, arguments, analysis, findings and recommendations.	√	√	√	√			4 hours (in 2 weeks' time)
Field Study	Collecting transport-related data, by interview surveys and observation counts, for the proposed student project	√	√	√				6 hours (in 2 weeks' time)

4. Assessment Tasks/Activities (ATs)

(ATs are designed to assess how well the students achieve the CILOs.)

Assessment Tasks/Activities	CILO No.						Weighting*	Remarks
	1	2	3	4				
Continuous Assessment: <u>70</u> %								
Written Paper	√	√	√	√			40%	
Class Presentation and discussion	√	√	√	√			30%	
Examination: <u>30</u> % (duration: 2 hours)								
Examination	√	√		√			30%	
							100%	

* The weightings should add up to 100%.

Note:

If a course has both coursework and examination components, students are required to pass BOTH the coursework assessment AND the examination before they can be awarded an overall passing grade of the course.

5. Assessment Rubrics

(Grading of student achievements is based on student performance in assessment tasks/activities with the following rubrics.)

Assessment Task	Criterion	Excellent (A+, A, A-)	Good (B+, B, B-)	Fair (C+, C, C-)	Marginal (D)	Failure (F)
1. Written Paper	Understanding of knowledge of transport problems; ability to identify key challenges, carry out research and make valid proposals; writing skills	High	Good	Rudimentary	Poor	Not reaching marginal levels
2. Class Presentation and discussion	Understanding of knowledge of transport problems; ability to identify key challenges, carry out research and make valid proposals; communication and teamwork skills	High	Good	Rudimentary	Poor	Not reaching marginal levels
3. Examination	Understanding of knowledge of transport problems; ability to identify key challenges, analyse issues and present arguments; writing skills	High	Good	Rudimentary	Poor	Not reaching marginal levels

Part III Other Information (more details can be provided separately in the teaching plan)

1. Keyword Syllabus

(An indication of the key topics of the course.)

Hierarchy of transport planning in Hong Kong. Transport Demand Management. Congestion pricing. Management of public transport modes. Management of transport facilities. Traffic calming and pedestrianization. Transport and land use. Transport planning theories. Air Transport Management.

2. Reading List

2.1 Compulsory Readings

(Compulsory readings can include books, book chapters, or journal/magazine articles. There are also collections of e-books, e-journals available from the CityU Library.)

1.	Banister D (2002) <i>Transport Planning</i> , (London : Spon Press).
2.	Button K J and Hensher D A (eds.) (2001) <i>Handbook of Transport Systems and Traffic Control</i> , (Oxford : Pergamon)
3.	Dimitriou, H T and Cook, A H S (eds) (1998) <i>Land-Use / Transport Planning in Hong Kong: The End of an Era</i> (Aldershot : Ashgate Publishing Ltd).

2.2 Additional Readings

(Additional references for students to learn to expand their knowledge about the subject.)

1.	Bardi, E J et al (2006). <i>Management of Transportation</i> . South-Western.
2.	Brown, F (2001). Pedestrians: the need for a new approach. In A G O Yeh, P R Hills and S K W Ng (eds), <i>Modern Transport in Hong Kong for the 21st Century</i> . Hong Kong : Centre of urban Planning and Environmental Management, HKU.
3.	Button, K J and Varhoef, E T (eds) (1998) <i>Road Pricing, Traffic Congestion and the Environment : Issues of Efficiency and Social Feasibility</i> (Cheltenham ; Northampton, Mass. : Edward Elgar Publishing Limited).
4.	Hass-Klau, C (1990) <i>The Pedestrian and City Traffic</i> (London : Belhaven Press).
5.	Hau, T D (1992) <i>Congestion Charging Mechanisms for Roads : an Evaluation of Current Practice</i> (Washington D C : World Bank).
6.	Hoyle, B & Knowles, R (1998). <i>Modern Transport Geography</i> (chapter 11). Chichester, England: John Wiley & Sons.
7.	Lee, Earnest S W and Meakin, R T (1998). Planning road-based public transport services. In H T Dimitriou & A H S Cook (eds.), <i>Land-Use/Transport Planning in Hong Kong: the End of an Era</i> (pp.139-161). Aldershot: Ashgate Publishing Ltd.
8.	Lindsey, R (2012). Road Pricing and Investment. <i>Economics of Transportation</i> , 1, 49-63.
9.	OECD (1994) <i>Congestion Control and Demand Management</i> (Paris: OECD).
10.	O'Flaherty, C A (1997) <i>Transport Planning and Traffic Engineering</i> (London: Arnold).
11.	Planning Department, HKSAR. <i>Hong Kong Planning Standards and Guidelines</i> (chapter 8). Hong Kong: Planning Department.
12.	Simpson, B J (1994) <i>Urban Public Transport Today</i> (London : E & FN Spon).
13.	Transport Branch, HK (1994) <i>Report of the Working Party on Measures to Address Traffic Congestion</i> (HK : Government Printer).
14.	Transport Department, HKSAR (2000). <i>Railway Development Strategy 2014</i> . http://www.thb.gov.hk/eng/psp/publications/transport/publications/rds2014.pdf
15.	Wu, C L, Le, A (2014). The impact of airling alliance terminal co-location on airport operations and terminal development. <i>Journal of Air Transport Management</i> , 36, 69-77.