

Subject Description Form

Subject Code	BRE468
Subject Title	Project Evaluation and Development
Credit Value	3
Level	4
Pre-requisite	BRE263, BRE350 and BRE364
Objectives	Develop students' ability to critically evaluate, synthesize and integrate knowledge gained from a variety of sources related to the construction development process; and provide the skills necessary to document and present proposals for the development of a construction project from inception to hand over.
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> a. Evaluate the technological, economic, managerial, social and environmental issues involved in the process of developing a site for a client; b. Identify the relevant laws and procedures that must be complied with through the development process; c. Work effectively in a team setting, and d. Communicate effectively in a managerial role, including effective presentation of analysis and justifications intended to persuade a client on the recommended development.
Subject Synopsis/ Indicative Syllabus	<p>This is a project-based subject involving:</p> <p>Appraisal of a site for a chosen type of development;</p> <p>Formulation of a proposal for its development or redevelopment, addressing a whole range of activities related to procurement and construction of a typical construction project with life cycle considerations where relevant.</p>
Teaching/Learning Methodology	<p>The pedagogical philosophy for this subject is student-centred learning through project work. Students are "enabled" to adopt the self-study approach by using their own initiative to gain knowledge and apply it to a series of inter-related tasks in a realistic situation.</p> <p>Students work in groups of designated numbers. The project work consists of 2 tasks. In Task 1, each group will work on given site parameters or those obtainable in the public domain. The group then formulates an original proposal for development or re-development of the chosen site, with economic, managerial, technical, social and environmental justifications. In Task 2, the same group proposes procurement methods, identifies necessary regulatory approvals and propose production control measures with life cycle considerations. A group report showing individual contributions to Task 1 and Task 2 and an overall presentation form part of the assessment process. Individuals' understanding of important issues is assessed via an on-line test.</p>

	<p>At the beginning of each phase, students are briefed on the important factors affecting their works through lectures. A subject website has also been established providing stage-by-stage guidelines and resources for students to progress. After submission of reports and presentations, feedback is provided. Throughout the project process, designated supervisors are available for consultation with timetabled hours for tutorials.</p>																																																				
<p>Assessment Methods in Alignment with Intended Learning Outcomes</p>	<table border="1" data-bbox="440 427 1473 884"> <thead> <tr> <th data-bbox="440 427 770 600" rowspan="2">Specific assessment methods/tasks</th> <th data-bbox="770 427 927 600" rowspan="2">% weighting</th> <th colspan="6" data-bbox="927 427 1473 528">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th> </tr> <tr> <th data-bbox="927 528 1018 600">a</th> <th data-bbox="1018 528 1109 600">b</th> <th data-bbox="1109 528 1200 600">c</th> <th data-bbox="1200 528 1291 600">d</th> <th data-bbox="1291 528 1382 600"></th> <th data-bbox="1382 528 1473 600"></th> </tr> </thead> <tbody> <tr> <td data-bbox="440 600 770 672">1. Presentation</td> <td data-bbox="770 600 927 672">30 %</td> <td data-bbox="927 600 1018 672">✓</td> <td data-bbox="1018 600 1109 672">✓</td> <td data-bbox="1109 600 1200 672">✓</td> <td data-bbox="1200 600 1291 672">✓</td> <td data-bbox="1291 600 1382 672"></td> <td data-bbox="1382 600 1473 672"></td> </tr> <tr> <td data-bbox="440 672 770 743">2. Written report</td> <td data-bbox="770 672 927 743">50 %</td> <td data-bbox="927 672 1018 743">✓</td> <td data-bbox="1018 672 1109 743">✓</td> <td data-bbox="1109 672 1200 743">✓</td> <td data-bbox="1200 672 1291 743">✓</td> <td data-bbox="1291 672 1382 743"></td> <td data-bbox="1382 672 1473 743"></td> </tr> <tr> <td data-bbox="440 743 770 815">3. On-line test</td> <td data-bbox="770 743 927 815">20 %</td> <td data-bbox="927 743 1018 815">✓</td> <td data-bbox="1018 743 1109 815">✓</td> <td data-bbox="1109 743 1200 815"></td> <td data-bbox="1200 743 1291 815"></td> <td data-bbox="1291 743 1382 815"></td> <td data-bbox="1382 743 1473 815"></td> </tr> <tr> <td data-bbox="440 815 770 884">Total</td> <td data-bbox="770 815 927 884">100 %</td> <td colspan="6" data-bbox="927 815 1473 884"></td> </tr> </tbody> </table> <p data-bbox="440 936 1473 1003">Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p data-bbox="440 1021 1473 1055">This is a continuously assessed subject with no examination.</p> <p data-bbox="440 1072 1473 1140">The group written report will be marked according to preset criteria and individual marks will be given during presentation.</p> <p data-bbox="440 1173 1473 1240">An individual on-line open-book test will be administered to ensure that students have done their reading when they work on the integrated project.</p> <p data-bbox="440 1274 1473 1308">Detail marking criteria are depicted on the subject website for reference by students.</p>							Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)						a	b	c	d			1. Presentation	30 %	✓	✓	✓	✓			2. Written report	50 %	✓	✓	✓	✓			3. On-line test	20 %	✓	✓					Total	100 %						
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<p>Student Study Effort Required</p>	<p>Class contact:</p> <ul style="list-style-type: none"> ▪ Lecture ▪ Presentation ▪ Tutorials (as arranged with supervisors) <p>Other student study effort:</p> <ul style="list-style-type: none"> ▪ Independent study ▪ Project works <p>Total student study effort</p>						<p>8 Hrs.</p> <p>12 Hrs.</p> <p>10 Hrs.</p> <p>80Hrs.</p> <p>50Hrs.</p> <p>160 Hrs.</p>																																														
<p>Reading List and References</p>	<p>Darlow C. (1988). <i>Valuation and Development Appraisal Estates Gazette</i></p> <p>Division of Building Science and Technology (2003), <i>Building Design and Development in Hong Kong</i>, City University of H.K. Press</p> <p>Harris, F. (2001) <i>Modern Construction Management</i>, Blackwell Science Publications</p>																																																				

Hills, M.J. (2001) *Building Contract Procedures in Hong Kong*, Longman

Langford, D., Fellows, R., et al (2002), *Construction Management in Practice*, Blackwell Science Publications

Pilcher, R. (1994) *Project Cost Control in Construction*, Blackwell Science Publications

Poon, N.T. & Chan, E. (1998) *Real Estate Development in Hong Kong*, PACE Publishing Ltd.

CIOB (1996). *Code of Practice for Project Management: For Construction and Development*, The Chartered Institute of Building

Walker A. (2007). *Project Management in Construction*. Blackwell Publications

Wilkinson, S. and Reed, R. (2008) *Property Development*, Routledge

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