

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="443 427 1473 884"> <thead> <tr> <th data-bbox="443 427 770 600" rowspan="2">Specific assessment methods/tasks</th> <th data-bbox="770 427 930 600" rowspan="2">% weighting</th> <th colspan="6" data-bbox="930 427 1473 533">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th> </tr> <tr> <th data-bbox="930 533 1018 600">a</th> <th data-bbox="1018 533 1106 600">b</th> <th data-bbox="1106 533 1193 600">c</th> <th data-bbox="1193 533 1281 600">d</th> <th data-bbox="1281 533 1369 600"></th> <th data-bbox="1369 533 1473 600"></th> </tr> </thead> <tbody> <tr> <td data-bbox="443 600 770 674">1. Presentation</td> <td data-bbox="770 600 930 674">30 %</td> <td data-bbox="930 600 1018 674">✓</td> <td data-bbox="1018 600 1106 674">✓</td> <td data-bbox="1106 600 1193 674">✓</td> <td data-bbox="1193 600 1281 674">✓</td> <td data-bbox="1281 600 1369 674"></td> <td data-bbox="1369 600 1473 674"></td> </tr> <tr> <td data-bbox="443 674 770 748">2. Written report</td> <td data-bbox="770 674 930 748">50 %</td> <td data-bbox="930 674 1018 748">✓</td> <td data-bbox="1018 674 1106 748">✓</td> <td data-bbox="1106 674 1193 748">✓</td> <td data-bbox="1193 674 1281 748">✓</td> <td data-bbox="1281 674 1369 748"></td> <td data-bbox="1369 674 1473 748"></td> </tr> <tr> <td data-bbox="443 748 770 822">3. On-line test</td> <td data-bbox="770 748 930 822">20 %</td> <td data-bbox="930 748 1018 822">✓</td> <td data-bbox="1018 748 1106 822">✓</td> <td data-bbox="1106 748 1193 822"></td> <td data-bbox="1193 748 1281 822"></td> <td data-bbox="1281 748 1369 822"></td> <td data-bbox="1369 748 1473 822"></td> </tr> <tr> <td data-bbox="443 822 770 884">Total</td> <td data-bbox="770 822 930 884">100 %</td> <td colspan="6" data-bbox="930 822 1473 884"></td> </tr> </tbody> </table> <p data-bbox="443 936 1473 1003">Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p data-bbox="443 1021 1473 1055">This is a continuously assessed subject with no examination.</p> <p data-bbox="443 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="443 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="443 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>Reading List and References</p>	<p data-bbox="443 1901 1473 1935">Darlow C. (1988). <i>Valuation and Development Appraisal Estates Gazette</i></p> <p data-bbox="443 1968 1473 2036">Division of Building Science and Technology (2003), <i>Building Design and Development in Hong Kong</i>, City University of H.K. Press</p> <p data-bbox="443 2069 1473 2103">Harris, F. (2001) <i>Modern Construction Management</i>, Blackwell Science Publications</p>																																																																

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