

Subject Description Form

Subject Code	BRE2921
Subject Title	Management for Construction and Real Estate
Credit Value	3
Level	2
Pre-requisite / Co-requisite/ Exclusion	Pre-requisite: Nil Co-requisite: Nil Exclusion: BRE292/BRE205
Objectives	This subject is intended to: 1. Provide a macroscopic view of organization and management principles as applied to the construction and real estate sectors. 2. Provide an understanding of project management and good business practice in project development, construction building management and maintenance process. 3. Develop selected management skills in practice.
Intended Learning Outcomes	Upon completion of the subject, students will be able to: a) Understand the fundamentals of management principles b) Possess managerial skills in teamwork c) Apply the principles in practice to manage performance outputs throughout construction and maintenance processes d) Use the basic knowledge of project management and to solve problems in practice with appropriate solution e) Understand professional, social and ethical responsibilities f) Communicate effectively g) Contribute as team member and to lead effectively
Subject Synopsis/ Indicative Syllabus	<i>The manager and the manager's roles:</i> define the nature of managerial work taking into account the impacts of construction and real estate business environment; motivation concepts; foundations of group behaviour; and introduction of leadership theories. <i>Managerial functions:</i> concepts of organization structure and design of the variety organization structures of construction and real estate enterprises; foundations of planning, controlling, and communication and their importance for effective management of construction and real estate organizations. <i>Introduction to project management:</i> characteristics of project; project manager; project management context; types of project organization structures; concepts of project planning and controlling of cost, time and quality of construction projects; an appreciation of building management and maintenance works. <i>Social responsibility and ethics:</i> arguments for and against social responsibility as a business objective concept of professional ethics and ethical problems in construction and real estate sectors.

Teaching/Learning Methodology	<p>The theories of management will be introduced in lectures. The Management Laboratory will be used for the application of the principles to management problems through case studies. Discussion will be facilitated in tutorials by small group studies which providing opportunities for students to deliver their discussion results and thinking. Lectures, seminars, management workshops as well as tutorials will form a basic skeleton for learning management subject in year one.</p>																																																																					
Assessment Methods in Alignment with Intended Learning Outcomes	<table border="1" data-bbox="443 427 1474 1099"> <thead> <tr> <th rowspan="2">Specific assessment methods/tasks</th> <th rowspan="2">% weighting</th> <th colspan="7">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> <th>f</th> <th>g</th> </tr> </thead> <tbody> <tr> <td>1. Group presentation Planning techniques</td> <td>12.5%</td> <td></td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>2. Case Studies</td> <td>25%</td> <td>✓</td> <td>✓</td> <td></td> <td></td> <td></td> <td>✓</td> <td>✓</td> </tr> <tr> <td>3. Group presentation Leadership and motivation</td> <td>12.5%</td> <td>✓</td> <td>✓</td> <td>✓</td> <td></td> <td></td> <td>✓</td> <td>✓</td> </tr> <tr> <td>4.Examination</td> <td>50%</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>Total</td> <td>100 %</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p>Examination and coursework will constitute 50% and 50% of the overall mark for the subject respectively. Coursework will be set out to assess the understanding of the students on their subject during the period of teaching and learning.</p>									Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)							a	b	c	d	e	f	g	1. Group presentation Planning techniques	12.5%		✓	✓	✓	✓	✓	✓	2. Case Studies	25%	✓	✓				✓	✓	3. Group presentation Leadership and motivation	12.5%	✓	✓	✓			✓	✓	4.Examination	50%	✓	✓	✓	✓	✓	✓	✓	Total	100 %							
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Reading List and References	<p>Recommended:</p> <p>HKEDC (1996) <i>Ethics for Professionals (Architecture, Engineering & Surveying)</i> A Resource Portfolio for Hong Kong Universities.</p> <p>Robbins S.P. and Decenzo D.A. (2008) <i>Fundamentals of Management Essential Concepts and Applications</i>. (6th Edition), Upper Saddle River, N.J., Prentice-Hall International Inc.</p>																																																																					

Supplementary:

Association for Project Management (2006) *APM Body of Knowledge*. 5th Edition, Association for Project Management

PMI (2004) *A Guide to the Project Management Body of Knowledge (PMBOK Guide)*, Project Management Institute

Robbins S.P. and Hunsaker, P.L. (2009) *Training in Interpersonal Skills – TIPS for Managing People at Work*. (5th Edition), Upper Saddle River, N.J., Prentice-Hall International Inc.

Tang S.L. et. al. (2003) *Modern Construction Project Management (2nd Edition)*, Hong Kong University Press.