# Subject Description Form

<table>
<thead>
<tr>
<th>Subject Code</th>
<th>BRE2921</th>
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</thead>
<tbody>
<tr>
<td><strong>Subject Title</strong></td>
<td>Management for Construction and Real Estate</td>
</tr>
<tr>
<td><strong>Credit Value</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>Level</strong></td>
<td>2</td>
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</tbody>
</table>
| **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** | The manager and the manager’s roles: 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.  
Managerial functions: 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.  
Introduction to project management: 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.  
Social responsibility and ethics: 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

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.

Assessment Methods in Alignment with Intended Learning Outcomes

<table>
<thead>
<tr>
<th>Specific assessment methods/tasks</th>
<th>% weighting</th>
<th>Intended subject learning outcomes to be assessed (Please tick as appropriate)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Group presentation</td>
<td>12.5%</td>
<td>a ✓ b ✓ c ✓ d ✓ e ✓ f ✓ g ✓</td>
</tr>
<tr>
<td>Planning techniques</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Case Studies</td>
<td>25%</td>
<td>✓ ✓ ✓ ✓ ✓ ✓ ✓</td>
</tr>
<tr>
<td>3. Group presentation</td>
<td>12.5%</td>
<td>✓ ✓ ✓ ✓ ✓ ✓ ✓</td>
</tr>
<tr>
<td>Leadership and motivation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Examination</td>
<td>50%</td>
<td>✓ ✓ ✓ ✓ ✓ ✓ ✓</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
<td></td>
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</tbody>
</table>

Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

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.

Student Study Effort Expected

Class contact:

- Lecture 21 Hrs.
- Tutorial/ Management Laboratory 21 Hrs.

Other student study effort:

- Coursework 60 Hrs.
- Self study 60 Hrs.

Total student study effort 162 Hrs.

Reading List and References

Recommended:


### Supplementary:


