## SUBJECT DESCRIPTION FORM

<table>
<thead>
<tr>
<th>Subject title:</th>
<th>Construction Process Management</th>
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<tbody>
<tr>
<td>Subject code:</td>
<td>BRE574</td>
</tr>
<tr>
<td>Credit value:</td>
<td>3</td>
</tr>
<tr>
<td>Responsible staff and department:</td>
<td>Dr. Andy Wong (BRE)</td>
</tr>
<tr>
<td>Pre-requisite (Subject title and code no, if any):</td>
<td>Nil</td>
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<tr>
<td>Recommended background knowledge:</td>
<td>Students are expected to possess knowledge of the construction and real estate industries such as would be acquired through study on a degree in a built-environment discipline.</td>
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<td>Mutual exclusions:</td>
<td>Nil</td>
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</tbody>
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### Learning approach:
- Lectures
- Seminars
- Independent study
  - Assignments
  - Self-study

### Assessment:
- Continuous assessment: 50%
- Examination: 50%

### Objectives:
The focus of the subject is oriented towards the application of building/construction management techniques. The subject integrates site operational management with strategic and project management activities.

### Keyword syllabus:
**Production Management Concepts:** organizational frameworks; inter-relationship at strategic management level; site organization structures; site teams and their relationships with contractual parties.

**Management Functions and Processes:** time management (planning and progressing); financial management (cost control mechanisms); management of quality (Q.A. + Q.C.); materials and plant resources management; sub-contracting; environmental management and site E.M. systems.

**Human Resource Management Welfare:** health and safety; communications; information technology; productivity and project constructability.
Indicative reading list and references:


Forster, G. (1992), *Construction Site Studies – Production, Administration and Personnel*, Longman


