

BPM203e Construction Project Management

Level: 2

Credit Units: 5 Credit Units

Language: ENGLISH

Presentation Pattern: EVERY JAN

E-Learning: BLENDED - Learning is done MAINLY online using interactive study materials in Canvas. Students receive guidance and support from online instructors via discussion forums and emails. This is supplemented with SOME face-to-face sessions. If the course has an exam component, this will be administered on-campus.

Synopsis:

BPM203 Construction Project Management covers the fundamental concepts of project management, explains the project manager's role in the construction process, and highlights strategies to effectively control the teams, equipments and resources to complete a construction project that fulfills its requirements on scope, time, cost and quality.

Topics:

- The Built Environment
- The Construction Industry
- Roles and Responsibilities of Every participant in the Construction Project
- Project Management Process
- Design Management and Development Management
- Authorities' Submission Processes
- Construction Process Management
- Site Planning & Organisation
- Value Management
- Managing multinational large scale projects
- Singapore Initiatives
- Quality Control and Quality Assurance
- Occupational Health & Safety in Construction
- Environmental Management in built Environment

Textbooks:

Erik W. Larson and Clifford F. Gray, 2017, 7th: Project Management – The Managerial Process (eTextbook) 7th McGraw Hill
ISBN-13: 9781307202243-AA

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Learning Outcome:

- Describe the roles and responsibilities of every participant in the construction project
- Outline authorities' submission processes, requirements and timelines
- Identify stakeholders and necessary equipments and resources for a project
- Explain occupational health and safety standards at the work-site
- Apply good project management techniques on construction projects
- Appraise quality control and assurance measures for a project
- Demonstrate ability to organize the construction project for improved efficiency and productivity

Assessment Strategies:

Continuous Assessment Component	Weightage (%)
PRE-CLASS QUIZ	2
PRE-CLASS QUIZ	2
PRE-CLASS QUIZ	2
TUTOR-MARKED ASSIGNMENT	10
GROUP BASED ASSIGNMENT	14
Sub-Total	30

Examinable Component	Weightage (%)
Written Exam	70
Sub-Total	70

Weightage Total **100**