

# **BPM203 Construction Project Management**

**Level:** 2

**Credit Units:** 5 Credit Units

**Language:** ENGLISH

**Presentation Pattern:** EVERY JAN

## **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: Project Management - The Managerial Process (ebook) 8th Ed  
(2021) McGraw Hill Education  
ISBN-13: 9781260579567

**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 (Evening Class):**

<b>Components</b>	<b>Description</b>	<b>Weightage Allocation (%)</b>
Overall Continuous Assessment	PRE-CLASS QUIZ 1	2
	PRE-CLASS QUIZ 2	2
	PRE-CLASS QUIZ 3	2
	TUTOR-MARKED ASSIGNMENT 1	10
	GROUP BASED ASSIGNMENT 1	14
Overall Examinable Components	Written Exam	70
<b>Total</b>		<b>100</b>