



UNIVERSITI TEKNOLOGI MARA

BSS666: PROJECT AND CONSTRUCTION MANAGEMENT

Course Name (English)	PROJECT AND CONSTRUCTION MANAGEMENT APPROVED
Course Code	BSS666
MQF Credit	3
Course Description	The subject is concerned with the management of construction projects and is aimed at providing an in-depth knowledge of types and procedures used in project management; planning, organising, controlling and maintaining quality on construction project.
Transferable Skills	managing ,planning, organizing and controlling the project, Maintaining the quality of the project
Teaching Methodologies	Lectures, Blended Learning, Reading Activity, Discussion, Small Group Sessions , Self-directed Learning, Role Play
CLO	CLO1 apply the theory of planning techniques and procedures to construction management. CLO2 analyze the various types of project management methods. CLO3 identify and apply quality control in a construction project and analyze the relationship between planning, organizing and control.
Pre-Requisite Courses	No course recommendations
Topics	
1. Topic 1 1.1) Introduction to Project Management	
2. Topic 2 2.1) Type Of Project Management And Project Characteristics	
3. Topic 3 3.1) Roles & Responsibilities Of Project Managers	
4. Topic 4 4.1) Leadership & Leadership Styles	
5. Topic 5 5.1) Leadership & Leadership Styles	
6. Topic 6 6.1) Methods Statement, Gantt Chart, Network Analysis, CPM, Project Planning Software	
7. Topic 7 7.1) Resources Allocation	
8. Topic 8 8.1) Planning, Organising And Controlling, Design & Building Team	
9. Topic 9 9.1) Plant, Material & Manpower Management And Method Statement	
10. Topic 10 10.1) Quality Management In construction Project; System And Maintenance Concept	
11. Topic 11 11.1) Quality Management In construction Project; Quality And Productivity	
12. Topic 12 12.1) Retrofitting Future Buildings, Statutory Requirements & Legislations	
13. Topic 13 13.1) Presentation	

14. Week14 14.1) Revision & Test
15. Week 15 15.1) Study Week
16. Week 16 16.1) Exam

Assessment Breakdown	%
Continuous Assessment	30.00%
Final Assessment	70.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Group Project	The group project is given to the group selected by the students.	25%	CLO1 , CLO2 , CLO3
	Test	Assessment is in multiple choice questions consist of 50 questions	5%	CLO1 , CLO2 , CLO3

Reading List	Recommended Text
	<ul style="list-style-type: none"> • Burgess, R.A & Walker, A 1992, <i>Building Production & Project Management</i>, Construction Press London [ISBN: 0904406938] • Calvert, P.E. 1991, <i>Introduction to Building Management</i>, 6th ed Ed., Butterworth London. [ISBN: 0750605103] • Currie R.M 1990, <i>Work Study</i>, 6th ed Ed., Pitman New York • Harris, F & MacCaffer, P 1990, <i>Modern Construction Management</i>, 2nd ed Ed., Butterworth London [ISBN: 1118510216] • Hamimah Adnan, Mohd. Nidzam Rahmat, Abdul Hadi Hj Nawawi. 2009, <i>Project Management</i>, UPENA UiTM Shah Alam • Harold R. Kerzner 2013, <i>Project Management</i>, John Wiley & Sons [ISBN: 111841585X] • Richard Murch 2001, <i>Project Management</i>, Prentice Hall Professional [ISBN: 0130219142] • Rory Burke 2006, <i>Project Management</i>, Burke Pub [ISBN: 0958273316] • Uddesh Kohli 2006, <i>Project Management Handbook</i>, Tata McGraw-Hill Education [ISBN: 0070621055]

Article/Paper List	This Course does not have any article/paper resources
Other References	This Course does not have any other resources