



UNIVERSITI TEKNOLOGI MARA

BCM673: PROJECT EVALUATION AND DEVELOPMENT

Course Name (English)	PROJECT EVALUATION AND DEVELOPMENT APPROVED
Course Code	BCM673
MQF Credit	3
Course Description	This course introduces the objectives of development management knowledge which are essential during work as a professional manager in realising a commercially viable project. The course covers project appraisal, development a design concept, finance, construction methods, post construction methods, post construction and occupancy evaluation and maintenance
Transferable Skills	Planning Designing Analyzing Presentation Leadership
Teaching Methodologies	Lectures, Field Trip, Workshop, Small Group Sessions , Computer Aided Learning, Supervision
CLO	CLO1 Propose viable project through adoption of knowledge and information CLO2 Create a design concept supported with sustainable construction technology, environmental assessment, project planning, financing and budgetary control. CLO3 Present ideas clearly and convincingly in oral and in writing with appropriate construction management and procurement system including health and safety considerations CLO4 Demonstrate cooperation among team members in producing viable and feasible project proposal CLO5 Display motivation in completing task and activity of project costing commitments and sustainable management
Pre-Requisite Courses	No course recommendations
Topics	
1. Project brief and appreciation 1.1) n/a	
2. Site synopsis, project viability and feasibility study 2.1) Identification of problem statement and project challenges 2.2) Project appraisal and comprehensive proposal	
3. Development and design concept 3.1) Develop a design concept, feasibility study and master plan	
4. Procurement and Financial Management/Strategy 4.1) Project delivery system/method 4.2) Project stack holders 4.3) Project development budget 4.4) Project implementation strategies	
5. Construction Technologies 5.1) Project construction methods 5.2) Enhancing knowledge on current construction technologies 5.3) Application on construction methods of varies nature of project 5.4) Communication with current contractors, developers and varies parties in construction industry 5.5) Health and safety in construction project	

6. Environmental

- 6.1) Project, site investigation
- 6.2) Detailing a site environment viability and feasibility
- 6.3) Environmental Impact Assessment

7. Project Management

- 7.1) Project construction management
- 7.2) Post construction and occupancy evaluation
- 7.3) Life cycle costing of project and maintenance management

8. Project/professional talk/seminar/workshop

- 8.1) n/a

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Attendance	Discussion - Motivation	10%	CLO5
	Final Project	Final Report	30%	CLO3
	Group Project	Presentation - Interim Master Plan	10%	CLO1
	Group Project	Discussion	10%	CLO4
	Group Project	Interim Report	20%	CLO2
	Presentation	Final Presentation	20%	CLO3

Reading List	<p>Recommended Text</p> <ul style="list-style-type: none"> • Mantel, Meredith, Shafer & Sultan 2001, <i>Project Management in Practice</i>, Wiley • Burgess, R.A Walker 1992, <i>Building Production & Project Management</i> • Frank, J 1990, <i>Building Procurement Systems ; A guide to Building Project Management</i>, CIOB • Richmond, H.J 1994, <i>Introduction to Valuation</i>, 3rd Edition Ed., MacMillan • Thamhain, H,J 1994, <i>Managing High Technology Project</i>, 3rd Edition Ed., McGraw Hill • Lock, D. 1992, <i>Project Management</i>, 5th Edition Ed., Gower • Kelly, J.R & Male, S.P 1993, <i>Value Management in Design and Construction</i>, 1993 Ed., E & FN Spoons • Model, J.J 1993, <i>Project Management with CPM, PERT and Precedence Diagramming</i>, 3rd Edition Ed., Van Nestrand Reinhold • Oxley, R & Posskitt, J 200, <i>Management Techniques Applied to the Construction Industry Industry</i>, Granada • Pilcher, R. 1992, <i>Principles of Construction Management</i>, 3rd Edition Ed., Mc Graw Hill • Van Horner, J. C 1993, <i>Financial Management & Policy</i>, 6th Edition Ed., Prentice Hall • Tan, Andrew, <i>Project Management in Malaysia</i>, Synergy Book International • Tan Andrew, <i>Successful Project Management in Malaysia</i>, Asia Pasific Media & Publication • CIOB 2003, <i>Code of Practice for Project Management for Construction and Development</i>, Blackwell Publishing
Article/Paper List	This Course does not have any article/paper resources
Other References	This Course does not have any other resources