



## UNIVERSITI TEKNOLOGI MARA

### BCM633: PROJECT MANAGEMENT

<b>Course Name (English)</b>	PROJECT MANAGEMENT <b>APPROVED</b>
<b>Course Code</b>	BCM633
<b>MQF Credit</b>	3
<b>Course Description</b>	This course introduces to students to the fundamentals and practices of project management. It will encompass the roles of public and private sectors in the construction industry, development process, and construction procurement. Students will also be exposed to international contracting and the involvement of Malaysian contractors in the foreign market
<b>Transferable Skills</b>	Communication skill Managerial Skill Information Management skill Teamwork skill
<b>Teaching Methodologies</b>	Lectures, Blended Learning, Tutorial
<b>CLO</b>	CLO1 Examine various phases of Project Management from inception to completion for public and private, domestic and global construction projects with suitable procurement CLO2 Assess the roles and procedures in managing projects in the public and private sector including dealing with international contracting CLO3 Present clearly the ideas of the roles and procedures in managing projects in the public and private sector including dealing with international contracting and suitable construction procurement system. CLO4 Prepare the systematic actual process of project development proposal
<b>Pre-Requisite Courses</b>	No course recommendations
<b>Topics</b>	
<b>1. Structure of the Construction Industry</b> 1.1) The nature and classification of the construction industry 1.2) Clients, types of clients, their requirements and organizations	
<b>2. Public sector</b> 2.1) The functions and organizations of various government agencies and departments involved in development and construction processes 2.2) Public sector spending - the 5-year plan, breakdown of development allocations and expenditures by the sector	
<b>3. Private Sector</b> 3.1) Professional Practice 3.2) Various organizations of professional bodies involved in the construction industry such as PAM, ISM, IEM, CIOB, IVMM, PMI etc. 3.3) Contractors' Associations such as Master Builders (MBAM), Malay Contractors' Association (PKMM) and Indian Contractor Association (ICA)	
<b>4. Construction Procurement</b> 4.1) Types and features of construction contracts, fixed price, cost reimbursement, lump sum, schedule, firm and fluctuating 4.2) Tendering objectives, classification of tendering procedures, competitive as against negotiated types, open competition, single-stage selective tendering, two-stage tendering, management contracting, construction management, design and build/turnkey, serial contracting, BOT, partnering, etc 4.3) Critical appraisal of above arrangement/methods; advantages and disadvantages investigated	

**5. Project management**

- 5.1) Definitions and objectives of project management
- 5.2) Project management organization structure
- 5.3) The roles and responsibilities of project manager
- 5.4) Project manager's job specification
- 5.5) Project management manual
- 5.6) Phases, functions and scope of services in project management

**6. Development process**

- 6.1) Feasibility and EIA studies
- 6.2) Land acquisition
- 6.3) Land conversion
- 6.4) Land sub-division
- 6.5) Registration of qualified titles
- 6.6) Developers' licenses
- 6.7) Advertising permit
- 6.8) Building and infra-structure plans approvals
- 6.9) Tendering and construction stages
- 6.10) Sales and purchases agreements
- 6.11) Certificate of fitness
- 6.12) Strata titles for flats and apartments

**7. International Construction**

- 7.1) Introduction to international contracting
- 7.2) Governments' roles and policies
- 7.3) Traditional markets and emerging markets
- 7.4) Forms and participation; JV, strategic alliances, inter-governments, etc

Assessment Breakdown	%
Continuous Assessment	40.00%
Final Assessment	60.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	Group Project, Assignment	10%	CLO2
	Group Project	n/a	15%	CLO4
	Presentation	Group Project	15%	CLO3

Reading List	Recommended Text
	<ul style="list-style-type: none"> <li>• Frederick E Gould, Joyce N. 2009, <i>Construction Project Management</i>, 5th Edition Ed., Pearson Prentice Hall</li> <li>• Levy, Sidney M. 2006, <i>Project Management in Construction</i>, 5th Edition Ed., McGraw-Hill New York</li> <li>• Richman, L. 2002, <i>Project Management Step-by-step</i>, Armacom</li> <li>• Masterman, J. 2001, <i>Introduction to Building Procurement System</i>, E &amp; FN Spon</li> <li>• Gray, C.F. Larson E.W. 2000, <i>Project Management-The Managerial Process</i>, McGraw-Hill</li> </ul>

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