



UNIVERSITI TEKNOLOGI MARA

BCM442: CONSTRUCTION ECONOMICS I

Course Name (English)	CONSTRUCTION ECONOMICS I APPROVED
Course Code	BCM442
MQF Credit	2
Course Description	This course provides introduction to fundamental economic theories, application of the technique and tools of economics of the construction firm, the construction process and The construction industry. This course also provides understanding if business plan and economic consideration as well as economic factors of building design.
Transferable Skills	Business Planning skill Construction Economic Specialization skill Problem-solving skill Entrepreneurial Skill
Teaching Methodologies	Lectures, Tutorial
CLO	CLO1 Appraise economic theories, economics factors and financial study in relation to construction CLO2 Apply financial study in preparing business plan and economic consideration CLO3 Demonstrate ability to present Cost control and cost planning
Pre-Requisite Courses	No course recommendations
Topics	
1. Introduction to Micro Economics 1.1) Definition of Economics 1.2) How economics system solve the basic problem of economy 1.3) Supply and demand and their relationship with market equilibrium	
2. Introduction to Macroeconomics 2.1) How and why national income is accounted and problem arising 2.2) The differences between the scope and function of central and commercial banks	
3. The Construction Industry and the Economy 3.1) Overview of the Malaysian construction industry and its current performance 3.2) Strategic direction of the Malaysian construction industry 3.3) The nature and structure of the construction industry- 3.4) Characteristic of construction industry 3.5) The importance of the construction industry to the national economy 3.6) Construction market and firms 3.7) The role of development and its contributions to the national economy	
4. Business Plan and Economics Consideration 4.1) Market study and data collection prior market property investment 4.2) Feasibility Study (preliminary investigation, site visit, land valuation, layout plan, market analysis, development schedule and financial study) 4.3) Approximate Estimating 4.4) Development Budget	
5. Economics Factors of Building Design 5.1) Economics factors affecting design 5.2) Cost planning and cost control during design stage 5.3) Elemental Cost Analysis and Cost Plan	

Assessment Breakdown	%
Continuous Assessment	40.00%
Final Assessment	60.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	n/a	30%	CLO2
	Presentation	Cost control and Cost Planning	10%	CLO3

Reading List	Recommended Text
	<ul style="list-style-type: none"> • Lipsey,R.G 1994, <i>Introduction to Positive Economics</i>, 7th Ed., Oxford University Press London • Ashwoth,A. 1983, <i>Building Economics and Cost Control</i>, Worked Solutions London Butterworth London • Pilcher,R 1986, <i>Appraisal and Control of Project Cost</i>, McGraw-Hill London • Chamhuri Siwar & Surtahman Kastin Hassan 2001, <i>Ekonomi Malaysia</i>, 4th Ed., Pearson Education Malaysia Sdn Bhd Petaling Jaya,Selangor • Deviga Vendasalam & Karunagaran Madhavan 2007, <i>Principles of Economics</i>, 1st Ed., Oxford Fajar Sdn Bhd Shah Alam Selangor

Article/Paper List	This Course does not have any article/paper resources
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Other References	<ul style="list-style-type: none"> • book Yahya.H 1985, <i>Ekonomi Mikro</i>, H&H Enterprise, Kuala Lumpur • book Yahya.H 1985, <i>ekonomi Makro</i>, H&H Enterprise, Kuala Lumpur • book Khairani Haji Ahmad 2005, <i>Ekonomi Binaan</i>, Prentice Hall, Kuala Lumpur • book Chamhuri Siwar,Surtahman kastin Hasan 2001, <i>Ekonomi Malaysia</i>, Pearson Education, Selangor
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