



UNIVERSITI TEKNOLOGI MARA

BSS462: CONSTRUCTION ECONOMICS

<b>Course Name (English)</b>	CONSTRUCTION ECONOMICS <b>APPROVED</b>
<b>Course Code</b>	BSS462
<b>MQF Credit</b>	2
<b>Course Description</b>	This subject covers the introduction of construction sector economic growth in Malaysia. It is designed to provide the knowledge on development process and stages involved in present day construction. It is also designed to provide the students with a thorough understanding of the risk in construction and of development project financing.
<b>Transferable Skills</b>	students will understand the development process and stages involved in present day construction, risk in construction and development project financing
<b>Teaching Methodologies</b>	Lectures, Blended Learning
<b>CLO</b>	CLO1 Acquire knowledge on the development and construction process. CLO2 Identify and interpret on the principle of financial in development and construction process. CLO3 Identify and interpret the implication and managing risks in construction industry
<b>Pre-Requisite Courses</b>	No course recommendations
<b>Topics</b>	
<b>1. Economics of construction industry</b> 1.1) Types of clients, supply and demand for building, construction industry growth trends	
<b>2. Overview of construction and development process</b> 2.1) Introduction to property market, nature of development, types of development, development process	
<b>3. Design process</b> 3.1) Parties and stages in involved in design process, comparison between modern view and traditional view	
<b>4. Risk in construction</b> 4.1) Risk classification, sources of risk, types of risk, certainty and uncertainty	
<b>5. Development finance</b> 5.1) Financing of development and construction works, sources of finance, methods of financing and cost of finance.	

Assessment Breakdown	%
Continuous Assessment	40.00%
Final Assessment	60.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	Group assignment	15%	CLO1 , CLO3
	Assignment	Group/Individual assignment	15%	CLO2 , CLO3
	Test	multiple choice questions/ structured questions	10%	CLO1 , CLO2 , CLO3

Reading List	Recommended Text	Reference Book Resources
	<ul style="list-style-type: none"> <li>• Khairani Ahmad 2009, <i>Construction Economic</i>, 2nd Ed., Pearson Kuala Lumpur</li> <li>• Khairani Ahmad 2012, <i>Construction Economics Problems &amp; Solutions 2</i>, Pearson Custom Publishing Kuala Lumpur</li> <li>• Bannister J. 1997, <i>How to Manage Risk</i>, 2nd Ed., LLP Ltd. London</li> </ul>	<ul style="list-style-type: none"> <li>• Allan Ashworth 2010, <i>Cost Studies of Building</i>, 5th Ed., Longman London</li> <li>• Allan Ashworth 1988, <i>Building Economics and Cost Control</i>, Butterworth London</li> <li>• Flanagan R. and Tate B. 1997, <i>Cost Control in Building Design</i>, Blackwell Oxford</li> <li>• Seeley IH 1996, <i>Building Economics</i>, 3rd Ed., Mac Millan London</li> <li>• Liebing, Ralph 2001, <i>The Construction Industry. Process, Players and Practices</i>, Prentice Hall New Jersey</li> <li>• Clifford F., Gray, Erik W. Larson 2003, <i>Project Management. The Managerial Process</i>, 2nd Ed., Mc Graw Hill Irwin</li> <li>• David Langford, Steven Male 2001, <i>Strategic Management in Construction</i>, 2nd Ed., Blackwell Science Ltd.</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	