



UNIVERSITI TEKNOLOGI MARA

BSS453: BUILDING DESIGN I

Course Name (English)	BUILDING DESIGN I APPROVED
Course Code	BSS453
MQF Credit	3
Course Description	This course provides students with an appreciation for design and its influences, together with understanding of morphology.
Transferable Skills	Students should be able to: 1. identify and interpret the rudimentary design principles, concepts and theory. 2. apply the basic design priorities for small scale domestic building project and to prepare a presentation and present the project drawing. 3. apply the design analysis and evaluation of spatial requirements, effectiveness.
Teaching Methodologies	Lectures, Studio, Field Trip, Presentation
CLO	CLO1 1. identify and interpret the rudimentary design principles, concepts and theory. CLO2 2. apply the basic design priorities for small scale domestic building project and to prepare a presentation and present the project drawing. CLO3 3. apply the design analysis and evaluation of spatial requirements, effectiveness.
Pre-Requisite Courses	No course recommendations
Topics	
1. Introduction to building design 1 1.1) n/a	
2. Art and architecture: the relationship between these two 2.1) n/a	
3. Introduction to design principles and elements 3.1) n/a	
4. Design principles and elements and site visit 4.1) n/a	
5. Design principles and elements progress / crit session 5.1) n/a	
6. Design principles and elements progress / crit session 6.1) n/a	
7. Presentation on Design principles and elements 7.1) n/a	
8. Introduction to final project: retreat house, bubble diagram, site ana 8.1) n/a	
9. Presentation on site analysis n swot analysis 9.1) n/a	
10. Swot & Site Analysis / crit session retreat house 10.1) n/a	
11. Bubble Diagram / crit session retreat house 11.1) n/a	

12. Technical Drawing & Design progress / crit session retreat house 12.1) n/a
13. Design progress / crit session retreat house 13.1) n/a
14. Final presentation 14.1) n/a

Assessment Breakdown		%		
Continuous Assessment		100.00%		
Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	individual 10%	10%	CLO1
	Assignment	individual 10%	10%	CLO1
	Assignment	grouping 20%	20%	CLO1 , CLO2
	Assignment	grouping (final project) 60%	60%	CLO1 , CLO2 , CLO3
Reading List	Recommended Text	<ul style="list-style-type: none"> • Roth LM 1994, <i>Understanding Architecture</i>, Herbert Press London • Conway, H & Roenisch 1994, <i>Understanding Architecture</i>, Routledge London • Balcombe, G 1985, <i>History of Building</i>, Batsford London • Robertson, P.B 1992, <i>Collins Gem Buildings of Britain</i>, Harper Collins London • Strike, J 1991, <i>Construction in Design</i>, Butterworth London • Alexander, C 1994, <i>Notes on the Synthesis of Form</i>, Harvard Uni. Press New York • Christopher, J 1993, <i>Design Methods</i>, VNR New York • Salmon C 1999, <i>Architectural Design for Tropical Regions</i>, John Wiley New York • Ciriello M 2002, <i>Architectural Design Graphics</i>, Mc Graw Hill New York • Ching Francis D.K 1996, <i>Architecture, Form, Space and Order</i>, Van Nostrand Reinhold Publishing USA • Tott, P & Adler, D 1979, <i>New Metric Handbook Architecture</i>, Press London 		
Article/Paper List	This Course does not have any article/paper resources			
Other References	This Course does not have any other resources			