



UNIVERSITI TEKNOLOGI MARA

AAR500: DESIGN II

Course Name (English)	DESIGN II APPROVED
Course Code	AAR500
MQF Credit	5
Course Description	The course focuses on the fundamentals of measurement, motion and matter using domestic spaces as the basis of analysis. Introduction to basic organization of spaces and basic site context to indicate a sense of setting or place will also be highlighted with consideration for anthropometry, ergonomic, scale and proportion. Preliminary technical aspect of materials and structural stability will be integrated into the course.
Transferable Skills	Independent and critical thinker: Demonstrate ability to apply creative, imaginative and innovative thinking and ideas to problem solving. Systematically inquisitive: Demonstrate ability to investigate problems and provide effective solutions.
Teaching Methodologies	Lectures, Blended Learning, Studio, Demonstrations, Field Trip, Tutorial, Discussion, Presentation, Workshop, Journal/Article Critique, Supervision
CLO	CLO1 Demonstrate the knowledge into functional elements and forms of creative design. CLO2 Manipulate the presentation and model making skills in design solutions. CLO3 Discuss the vocabulary and terminologies of the theory of proportions. CLO4 Propose an appropriate architectural design that reflects knowledge, vocabulary and terminologies of theory of proportion. CLO5 Demonstrate the understanding of integration on technical aspects (construction technology – material) in design solutions.
Pre-Requisite Courses	No course recommendations
Topics	
1. Study on Proportion and Anthropometry 1.1) N/A	
2. Design Themes and Ideas 2.1) N/A	
3. Spatial Relationship and Organisation 3.1) N/A	

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	Progress 1 - Assessment on the application of anthropometry, ergonomics, theory scale & proportions into functional elements and forms of creative design	10%	CLO1
	Assignment	Progress 3 - Assessment on the understanding of anthropometry, ergonomics, theory scale & proportions.	10%	CLO3
	Assignment	Progress 2 - Assessment on presentation and model making skills	20%	CLO2
	Assignment	Progress 4 - Prepare an appropriate architectural design that reflects knowledge, vocabulary and terminologies of theory of proportion.	30%	CLO4
	Assignment	Final Submission - Assessment on the understanding of integration on technical aspects (construction technology – material) in design solutions.	30%	CLO5

Reading List	Recommended Text	<ul style="list-style-type: none"> Ching, F.D.K. 2002, <i>Architectural Space, Form and Order</i>, New York
	Reference Book Resources	<ul style="list-style-type: none"> David Bramston, 2008, <i>Basic Product Design : Idea Searching</i>, AVA Publishing, UK Graeme Brooke, Sally Stone 2008, <i>Basics Interior Architecture: Context and Env</i>, AVA Publishing, UK Frost Malcom 2002, <i>Graphics design for architects</i>, Victoria, Image House Meerwin, Gerhard, B.Rodreck, and F.H. Manhke 2007, <i>Color - Communication in Architectural Space</i>, Birkhauser, Basel Victoria Ballard Bell 2006, <i>Materials For Architectural Design</i>, Laurence King Publishers, London
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	