



UNIVERSITI TEKNOLOGI MARA

AAR680: DESIGN VI

Course Name (English)	DESIGN VI APPROVED
Course Code	AAR680
MQF Credit	7
Course Description	The course investigates the design of building of medium complexity that represents public architecture and identify design problems / constraints that require integrated solutions. Students will work as independently as possible from the formulation of design brief and tackling issues on client-architect relationship, social and user-human behaviour. Aspects of physical requirements, building image, technology and sustainability will also be considered, leading to the production of Design Drawings and Technical Drawings with specific details/technical studies of the completed design.
Transferable Skills	Resourceful and responsible, ethically and socially sensitive, creative and innovative, tech-savvy and adaptable
Teaching Methodologies	Lectures, Studio, Seminar/Colloquium, Demonstrations, Field Trip, Case Study, Tutorial, Problem Based Learning (PBL), Presentation, Workshop, Small Group Sessions , Journal/Article Critique, Role Play, Supervision
CLO	CLO1 Describe the knowledge, vocabulary and terminologies of the architectural concept into functional elements and forms of building design. CLO2 Manipulate the presentation and model making skills in design solutions. CLO3 Propose integrated solutions in building design of medium complexity. CLO4 Demonstrate the understanding of integration of technical aspects (construction technology/technical details /Sustainability) in design solutions. CLO5 Demonstrate various aspects of the Design Process from inception to project completion in architectural profession.
Pre-Requisite Courses	No course recommendations
Topics	
1. Formulation of Design Brief 1.1) N/A	
2. Design Themes and Ideas 2.1) N/A	
3. Spatial Relationship and Organisation 3.1) N/A	
4. Function, Form and Space 4.1) N/A	
5. Integration with Construction and Building Services 5.1) N/A	

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	Assessment on the group task in proposing integrated solutions through site analysis in conceptual phase for building design of medium complexity.	10%	CLO3
	Assignment	Assessment on the presentation and model making skills in design solutions.	10%	CLO2
	Assignment	Assessment on the ability to demonstrate various aspects of the Design Process from inception to project completion in architectural profession.	10%	CLO5
	Assignment	Assessment on the understanding of integration of technical aspects (construction technology/technical details /Sustainability) in design solutions.	20%	CLO4
	Assignment	Assessment on the understanding on the knowledge, vocabulary and terminologies of the architectural concept into functional elements and forms of building design.	50%	CLO1

Reading List	Reference Book Resources	<ul style="list-style-type: none"> • Diane Tsang 2009, <i>SPACE Entertainment</i>, Pace Publishing • Geoffrey Purves 2009, <i>Primary Care Centers A Guide to Health Care</i>, Oxford, Architecture Press • Christina Parades 2009, <i>Sketch: public buildings how architects conceive</i>, Loft Publication • Annette LeCuyer 2008, <i>ETFE: Design and Technology</i>, Birkhauser, Basel • Herman Hertzberger 2008, <i>Space and Learning</i>, Rotterdam, 010 Publishers
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	