



UNIVERSITI TEKNOLOGI MARA

AAR605: DIGITAL ARCHITECTURAL DRAWING

Course Name (English)	DIGITAL ARCHITECTURAL DRAWING APPROVED
Course Code	AAR605
MQF Credit	2
Course Description	Students will be using Computer -Aided - Design and Drafting (CADD) software as a drawing tool and enhancing their graphic representation. Assignments begin with simple architectural practice exercises and proceed to major projects. These assignments include drawing exercises of selected project using CADD software. Program is integrated with the studio projects and includes lectures, seminars, workshops and field trips to related industries.
Transferable Skills	Reflective learner
Teaching Methodologies	Lectures, Tutorial
CLO	CLO1 Comprehend the usage of computer software as drawing tools and graphic representations. CLO2 Display the knowledge in utilising computer software for architectural drawings. CLO3 Practice the knowledge of computer softwares in enhancing architectural representations.
Pre-Requisite Courses	No course recommendations
Topics	
1. Overview of CAD and Drafting Softwares 1.1) N/A	
2. Technical Working in 2D 2.1) N/A	
3. Entity Properties, Drawing and Editing Method 3.1) N/A	
4. Refining 3D (Modelling and Rendering) 4.1) N/A	
5. Revisiting Plotting Techniques 5.1) N/A	
6. Reevaluation of Graphic Representations 6.1) N/A	

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	Assignment 1 - Assessment on the knowledge in utilising computer software for architectural drawings.	30%	CLO2
	Assignment	Assignment 2 & 3 - Assessment on the practice of the knowledge of computer software in enhancing architectural representations.	40%	CLO3
	Test	Assessment on the usage of computer software as drawing tools and graphic representation.	30%	CLO1

Reading List	Reference Book Resources	<ul style="list-style-type: none"> • O.George 2009, <i>Introducing AutoCAD 2010 and AutoCAD LT 2010</i>, USA: John Wiley & Sons, Inc • T.S. Sykes 2009, <i>3D AutoCad 2010 : one step at a time</i>, Foreger publication • Adobe Creative Team 2009, <i>Adobe In Design CS3 & Illustrator CS3 : Class</i> • Stephen J.Either, Christine A.Either 2007, <i>Autodesk VIZ 2008 Fundamentals</i>, Prentice Hall • Zurflieh, T.P. 2004, <i>AutoCAD 2004 : 2D Drawing and Dimensioning</i>, Prentice Hall
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Article/Paper List	This Course does not have any article/paper resources
Other References	This Course does not have any other resources