



UNIVERSITI TEKNOLOGI MARA

ARK540: DESIGN DRAWING II

<b>Course Name (English)</b>	DESIGN DRAWING II <b>APPROVED</b>
<b>Course Code</b>	ARK540
<b>MQF Credit</b>	3
<b>Course Description</b>	This course covers the techniques and format of working drawings. It will also introduce students to other drawings involved in a building project. A set of working drawing will be produced.
<b>Transferable Skills</b>	Demonstrate analytical skills using technology. Demonstrate professional skills, knowledge and competencies.
<b>Teaching Methodologies</b>	Lectures, Studio, Tutorial, Computer Aided Learning, Supervision
<b>CLO</b>	CLO1 Demonstrate the methods and formats of architectural working drawing CLO2 Demonstrate drafting skills through exercises based on a relatively moderate-scaled building. CLO3 Construct a set of working drawings and detail drawings of simple building.
<b>Pre-Requisite Courses</b>	No course recommendations
<b>Topics</b>	
<b>1. General overview on different types of drawings involved in architecture</b> 1.1) n/a	
<b>2. Methods and formats of working drawings/construction drawing.</b> 2.1) n/a	
<b>3. Symbols, dimensioning and specification.</b> 3.1) n/a	
<b>4. Exercises in drawing details, sanitary and plumbing layout, electrical</b> 4.1) n/a	
<b>5. set of working drawing based on a given template or their own design</b> 5.1) n/a	

Assessment Breakdown	%
Continuous Assessment	20.00%
Final Assessment	80.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	Test Homework	20%	CLO1 , CLO2 , CLO3

Reading List	Recommended Text	<ul style="list-style-type: none"> <li>• Ching, F.D.K. &amp; Adams 2001, <i>Building Construction Illustrated</i>, 3rd Ed., John Wiley &amp; Sons New York</li> <li>• Wakita, O.A. &amp; Linde, R.M. 2003, <i>The Professional Practice of Architectural Working Drawings</i>, John Wiley &amp; Sons</li> <li>• Walker, T.D. 1990, <i>Plan Graphics: Drawing Delineation Lettering</i>, 4th Ed., N.Y.R.</li> <li>• Brayton, R.M., Humasucher, C.M. &amp; Knapp, L.R. 1976, <i>Architectural Drafting- An Introduction for Beginning Students</i> , Seneca Publishing</li> </ul>
	Reference Book Resources	<ul style="list-style-type: none"> <li>• Ellis, G. 2008, <i>Modern Technical Drawing: A handbook</i>, Read Book</li> <li>• Yee, R. 2007, <i>Architectural Drawing: A Visual Compendium</i>, John Wiley &amp; Sons USA</li> </ul>
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	