



UNIVERSITI TEKNOLOGI MARA

**AAR610: WORKING DRAWING**

<b>Course Name (English)</b>	WORKING DRAWING <b>APPROVED</b>
<b>Course Code</b>	AAR610
<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 Display the knowledge in utilising the methods and formats of architectural working drawing. CLO2 Practice the knowledge of drafting techniques and methods. CLO3 Demonstrate competency in producing working and detail drawings of simple and moderate-scaled building.
<b>Pre-Requisite Courses</b>	No course recommendations
<b>Topics</b>	
<b>1. General overview on different types of drawings involved in architectu</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. A set of working drawing based on a given template or their own design</b> 5.1) n/a	

<b>Assessment Breakdown</b>	<b>%</b>
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	Assessment of the utilization of the knowledge in utilising the methods and formats of architectural working drawing.	10%	CLO1
	Assignment	Assessment of the knowledge of drafting techniques and methods. (Working and detail drawings of simple and moderate-scaled building.)	20%	CLO2
	Assignment	Assessment of the competency in producing working and detail drawings of simple and moderate-scaled building.	70%	CLO3

Reading List	<b>Recommended Text</b>	<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. and R.M. Linde, 2003, <i>The Professional Practice of Architectural Working Drawings</i>, John Wiley &amp; Sons. N.Y.</li> <li>• Walker, T.D 1990, <i>Plan Graphics: Drawing Delineation Lettering</i>, 4th Ed., N.Y.R. N.Y.</li> <li>• R.M. Brayton, C.M. Humasucher &amp; L.R. Knapp, 1976, <i>Architectural Drafting – An Introduction for Beginning Students</i>, Seneca Publishing.</li> </ul>
	<b>Reference Book Resources</b>	<ul style="list-style-type: none"> <li>• G.Ellis 2008, <i>Modern Technical Drawing, A handbook describi</i>, Ed., , Read Book [ISBN: ]</li> <li>• R.Yee 2007, <i>Architectural Drawing : A visual compendium o</i>, Ed., , USA: John Wiley &amp; Sons, Inc [ISBN: ]</li> <li>• A.Jefferis &amp; D.A. Madsen 2004, <i>Architectural Drafting and Design : Drafting</i> , Ed., , LIT Verlag Berlin - Hamburg - Munster [ISBN: ]</li> </ul>
<b>Article/Paper List</b>	This Course does not have any article/paper resources	
<b>Other References</b>	This Course does not have any other resources	