



UNIVERSITI TEKNOLOGI MARA

INA515: BUILDING CONSTRUCTION AND MATERIALS III

Course Name (English)	BUILDING CONSTRUCTION AND MATERIALS III APPROVED				
Course Code	INA515				
MQF Credit	2				
Course Description	The course covers an introduction to Uniform Building By-Law (UBBL), project site analysis, as-built drawing and measured drawing production. Knowledge on construction materials and finishes on every part of the building system is being studied in detail and further reinforced by producing construction drawings and detail drawings of selected project where specification of material and finishes is a must.				
Transferable Skills	Knowledge skill Presentation skill Drawing Skill Construction Skill Interior Design Skill				
Teaching Methodologies	Lectures, Studio, Tutorial, Discussion, Presentation				
CLO	<p>CLO1 Identify the drawings and able to formulate into actual built forms (actual interior renovation works), manage to understand Uniform Building By Law (UBBL).</p> <p>CLO2 Recognise the components of building services, fire precaution and able to acknowledge UBBL into interior renovation works.</p> <p>CLO3 Study on site and building analyses, student are required to Identified on the analysis. Site inventory provides the physical biological and cultural data needed for this program-driven analysis.</p>				
Pre-Requisite Courses	No course recommendations				
Reading List	<table border="1"> <tr> <td>Recommended Text</td> <td> <ul style="list-style-type: none"> • Riggs, J. and Rosemary 1985, <i>Materials and Components of Interior Design</i>, California: Reston Pub. Co. • Edward, A. and Rob, T. 2002, <i>Fundamentals of Residential Construction</i>, USA: John Wiley & Sons, Inc. • F.D.K. Ching 1991, <i>Building Construction Illustrated</i>, New York: John Wiley & Sons, Inc. • R. Ashcroft 1992, <i>Construction for Interior Designers</i>, UK: Longman Group • R. Barry. 1989, <i>The Construction of Buildings Vol. I, II, III</i>, UK: BSP Professional Books. • Hornbostel, Caleb and Hornug, W.J. 1982, <i>Materials and Methods for Contemporary Constr</i>, 2 Ed., New Jersey: Prentice Hall Inc. </td> </tr> <tr> <td>Reference Book Resources</td> <td> <ul style="list-style-type: none"> • B.T.H. Wang 1989, <i>Construction and Development (with reference)</i>, Malaysia: Pelanduk & Publications • T.B. Tong 1990, <i>Teknologi Binaan Bangunan</i>, Kuala Lumpur, Malaysia: Dewan Bahasa dan Pust </td> </tr> </table>	Recommended Text	<ul style="list-style-type: none"> • Riggs, J. and Rosemary 1985, <i>Materials and Components of Interior Design</i>, California: Reston Pub. Co. • Edward, A. and Rob, T. 2002, <i>Fundamentals of Residential Construction</i>, USA: John Wiley & Sons, Inc. • F.D.K. Ching 1991, <i>Building Construction Illustrated</i>, New York: John Wiley & Sons, Inc. • R. Ashcroft 1992, <i>Construction for Interior Designers</i>, UK: Longman Group • R. Barry. 1989, <i>The Construction of Buildings Vol. I, II, III</i>, UK: BSP Professional Books. • Hornbostel, Caleb and Hornug, W.J. 1982, <i>Materials and Methods for Contemporary Constr</i>, 2 Ed., New Jersey: Prentice Hall Inc. 	Reference Book Resources	<ul style="list-style-type: none"> • B.T.H. Wang 1989, <i>Construction and Development (with reference)</i>, Malaysia: Pelanduk & Publications • T.B. Tong 1990, <i>Teknologi Binaan Bangunan</i>, Kuala Lumpur, Malaysia: Dewan Bahasa dan Pust
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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				