



UNIVERSITI TEKNOLOGI MARA

DNE911: DESIGN AND BUILT ENVIRONMENT

Course Name (English)	DESIGN AND BUILT ENVIRONMENT APPROVED
Course Code	DNE911
MQF Credit	3
Course Description	The course aims to enhance the knowledge in the paradigm of design and built environment. It covers four main domains: (a) Art and Design, (b) Architecture and Town Planning, (c) Building Construction, Technology and Conservation, and (d) Built Environment Management. Each domain focuses on three main aspects namely theories, contemporary issues, and applications. The candidates are expected to produce in-depth exploration of their own topics of interest.
Transferable Skills	Senior Lecturer Expert Management leader Professor
Teaching Methodologies	Lectures, Seminar/Colloquium, Field Trip, Discussion
CLO	CLO1 Appraised issues in the area of study for research CLO2 Demonstrate contribution to society and community in design and built environment activities CLO3 Report in verbal and written of the components of theoretical framework of a study in their area of interest
Pre-Requisite Courses	No course recommendations
Topics	
1. Introduction 1.1) Introduction to the contents of the overall syllabus and its requirement	
2. Art and Design 2.1) Theories in Art and Design 2.2) Contemporary issues in Art and Design 2.3) Discussions and Applications	
3. Art and Design 3.1) Theories in Art and Design 3.2) Contemporary issues in Art and Design 3.3) Discussions and Applications	
4. Architecture and Town Planning 4.1) Theories in Architecture and Town Planning 4.2) Contemporary issues in Architecture and Town Planning 4.3) Discussions and Applications	
5. Architecture and Town Planning 5.1) Theories in Architecture and Town Planning 5.2) Contemporary issues in Architecture and Town Planning 5.3) Discussions and Applications	
6. Building Construction, Techonology and Conservation 6.1) Theories in Building Construction, Technology and Conservation 6.2) Contemporary issues in Building Construction, Technology and Conservation 6.3) Discussions and Applications	

<p>7. Building Construction, Techonology and Conservation 7.1) Theories in Building Construction, Technology and Conservation 7.2) Contemporary issues in Building Construction, Technology and Conservation 7.3) Discussions and Applications</p>
<p>8. Built Environment Management 8.1) Theories in Built Environment Management 8.2) Contemporary issues in Built Environment Management 8.3) Discussions and Applications</p>
<p>9. Built Environment Management 9.1) Theories in Built Environment Management 9.2) Contemporary issues in Built Environment Management 9.3) Discussions and Applications</p>
<p>10. Presentation and critics 10.1) Paperwork submission and presentation</p>
<p>11. Presentation and critics 11.1) Paperwork submission and presentation</p>

Assessment Breakdown		%	
Continuous Assessment		100.00%	

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Group Project	Paperwork 2 (Group)	40%	CLO2
	Individual Project	n/a	20%	CLO1
	Presentation	Seminar Presentation	40%	CLO3

Reading List	Recommended Text
	<ul style="list-style-type: none"> • Abdul Hamid Mar Iman 2008, <i>Macroeconomic Analysis of Real Estate.</i>, 1 edition Ed., UTM Skudai Johor • Kleiner, F. S. 2010, <i>Gardner's Art through the Ages: A Global History, Enhanced Edition (with ArtStudy Online Printed Access Card and Timeline)</i>, 13 edition Ed., Wadsworth Publishing; • Mallgrave , H. F. and Contandriopoulos, C. (Eds). 2008, <i>Architectural Theory: Volume II: An Anthology from 1871 to 2005.</i>, 1 edition. Ed., Wiley-Blackwell • Ofori, G. (Ed.) 2011, <i>Contemporary Issues in Construction in Developing Countries (Cib)</i>, 1 edition Ed., Routledge • Taylor, N. 1998, <i>Urban Planning Theory since 1945.</i>, Sage Publications Ltd. • Charles Harrison & Paul Wood, <i>Art in Theory 1900-2000 An Antology of Changing Ideas</i>, 2 edition Ed., Blackwell Oxford UK & Cambridge USA

Article/Paper List	Other References
This Course does not have any article/paper resources	<ul style="list-style-type: none"> • n/a Chudley, R & Greeno,R, 2003, <i>Building Construction Handbook</i>, Butterworth Heinemann Publication. • n/a DiPasquale, D. and William C. Wheaton 1992, <i>The Markets for Real Estate Assets and Space: A Conceptual Framework</i> , Journal of Real Estate and Economics, Volume 20, Issues 2, page 181 – 198. • n/a Fisher, T. 2008, <i>Architectural Design and Ethics: Tools for Survival</i> , Architectural Press • n/a Fry, T. 1999, <i>A New Design Philosophy: An Introduction to Defuturing.</i> , UNSW, Sydney • n/a Howe, C. and Michael Gerrard (Eds) 2011, <i>The Law of Green Buildings: Regulatory and Legal Issues in Design, Construction, Operations, and Financing</i> , American Bar Association • n/a Isabelle Doucet and Nel Janssens (Eds) 2011, <i>Transdisciplinary Knowledge Production in Architecture and Urbanism: Towards Hybrid Modes of Inquiry (Urban and Landscape Perspectives)</i> , Springer, 1st Edition. • n/a Jukilehto, J. 1999, <i>History of Architectural Conservation.</i>, Heinemann and Butterworth, Oxford • n/a R. McClure, W. (Ed.). Bartuska, T. J. 2007, <i>The Built Environment: A Collaborative Inquiry Into Design and Planning</i> , John Wiley & Sons, New Jersey • n/a Temple, M. 2004, <i>Studying the Built Environment (Palgrave Study Guides)</i>. , Macmillan • n/a Young, Robert A. 2012, <i>Stewardship of the Built Environment: Sustainability, Preservation, and Reuse (Metropolitan Planning + Design)</i>. , Island Press. • n/a Zetter, R. and Watson, G. B. 2006, <i>Designing Sustainable Cities in the Developing World (Design and the Built Environment) (Design and the Built Environment)</i> , Ashgate Pub Co.