



UNIVERSITI TEKNOLOGI MARA

BTP215: URBAN DESIGN PRINCIPLES

Course Name (English)	URBAN DESIGN PRINCIPLES APPROVED
Course Code	BTP215
MQF Credit	2
Course Description	This course provides an understanding of urban design as a field in the built environment. It begins by exploring the historical background of contemporary urban design and from there on theories; principles; and concepts are examined. Upon this understanding, the students then need to realise how urban designers in general look at the field from different dimensions: visual, functional, and environmental. This is essential so that students develop a critical thinking towards urban design. At the end of the semester, students should also understand the mechanisms governing urban design practice.
Transferable Skills	Demonstrate ability to identify and articulate self skills. knowledge and understanding confidently and in a variety of contexts Demonstrate ability to communicate clearly and confidently Demonstrate ability to socialize with people from different walks of life
Teaching Methodologies	Lectures, Seminar/Colloquium, Field Trip, Case Study, Presentation
CLO	CLO1 Ability to comprehend theories related to the practice of urban design (C2, P4). CLO2 Ability to familiarise and identify concepts commonly used in urban design (A1). CLO3 Ability to carry out urban design study (C5).
Pre-Requisite Courses	No course recommendations
Topics	
1. Introduction 1.1) This part should begin by exploring the origins of designing urban space in civilisation. Examples can be included from: classical planning; Islamic planning; medieval planning.	
2. The theory 2.1) Jane Jacobs (eyes on the street), 2.2) Christopher Alexander (a city is not a tree) 2.3) Oscar Newman (defensible space) 2.4) Bill Hillier (space syntax)	
3. Principles and concepts 3.1) n/a	
4. Dimensions in urban design 4.1) Morphological 4.2) Visual 4.3) Functional 4.4) Perceptual	
5. Implementation mechanism 5.1) Administrative 5.2) Statutory 5.3) Financial	
6. Exam 6.1) n/a	

7. Assignment

7.1) n/a

8. Field trips

8.1) n/a

Assessment Breakdown	%
Continuous Assessment	40.00%
Final Assessment	60.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	n/a	40%	CLO1 , CLO2 , CLO3

Reading List	Reference Book Resources
	<ul style="list-style-type: none"> • American Planning Association, Frederick R. Steiner, Kent Butler 2012, <i>Planning and Urban Design Standards</i>, John Wiley & Sons [ISBN: 1118550765] • Beatley, Timothy 2010, <i>Biophilic Cities: Integrating Nature into Urban Design and Planning</i>, Island Press [ISBN: 978-159726715] • Carmona, M., Heath, T., Oc, T., & Tiesdell, S 2003, <i>Public places and Urban spaces: The dimensions of urban design</i>, Architectural press, Oxford • Hillier, Bill 1996, <i>Seeing buildings: or, is architectural form meaningless</i>, Cambridge University Press • Jacobs, Jane 1992, <i>The death and life of great American cities</i> Vintage, New York • Lefebvre, Henri (translated) 1996, <i>Writings on cities</i>, Blackwell, Massachusetts • Kevin Lynch 1960, <i>The Image of the City</i>, 1st edition Ed., The MIT Press [ISBN: 978-026262001] • Ian Bentley et. al 1985, <i>Responsive Environments</i>, III edition Ed., Routledge [ISBN: 978-075060566]

Article/Paper List	Reference Article/Paper Resources
	<ul style="list-style-type: none"> • Brand, Diane 2007, Bluespace: a typological matrix for port cities, <i>Urban Design International</i>, 12, 69 • Hillier, Bill 2005, The art of place and the science of space, <i>World Architecture</i>, 11/2005, 96 • Inam, Aseem 2002, Meaningful urban design: teleological/catalytic/relevant, <i>Journal of urban design</i>, 7:1, 35 • Madanipour, Ali 2006, Roles and challenges of urban design, <i>Journal of urban design</i>, 11:2, 173 • Thomson, Catharine Ward 2002, Urban open space in the 21st century, <i>Landscape and urban planning</i>, 60, 59 • Taylor, Nigel 1999, The elements of townscape and the art of urban design, <i>Journal of urban design</i>, 4:2, 195

Other References
This Course does not have any other resources