



## UNIVERSITI TEKNOLOGI MARA

### BTP315: APPLIED URBAN DESIGN

<b>Course Name (English)</b>	APPLIED URBAN DESIGN <b>APPROVED</b>
<b>Course Code</b>	BTP315
<b>MQF Credit</b>	2
<b>Course Description</b>	This course provides students the skills required in Urban Design projects. The first part of the course is the understanding of design process. The second, applying different survey techniques. Third, applying analysis methods, and finally, applying skills and knowledge in Urban Design projects.
<b>Transferable Skills</b>	Demonstrate practical and contemporary knowledge of relevant professional, ethical and legal frameworks.  Demonstrate ability to socialize with people from different walks of life
<b>Teaching Methodologies</b>	Lectures, Blended Learning, Field Trip, Case Study, Presentation
<b>CLO</b>	CLO1 Ability to comprehend the design process involved in urban design CLO2 Ability to apply of different survey methods in data collection CLO3 Ability to apply the relevant techniques in producing urban design projects CLO4 Ability to acquire skills in designing an urban area
<b>Pre-Requisite Courses</b>	No course recommendations
<b>Topics</b>	
<b>1. Site Design</b> 1.1) The design process 1.2) Design criteria	
<b>2. Survey Methods</b> 2.1) Observation survey: The gate method; static snapshots; snail trails; split observations 2.2) Visual survey	
<b>3. Data Analysis</b> 3.1) Quantitative (e.g. space syntax or other methods relating to the analysis of space) 3.2) Qualitative (aesthetics e.g. serial vision) 3.3) Massing	
<b>4. Urban Design Project</b> 4.1) n/a	

Assessment Breakdown		%	
Continuous Assessment		100.00%	

  

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Group Project	n/a	20%	CLO2
	Group Project	n/a	20%	CLO3
	Group Project	n/a	50%	CLO4
	Journal/Article Critique	n/a	10%	CLO1

  

Reading List	Recommended Text
	<ul style="list-style-type: none"> <li>• Farrelly, L. 2011, <i>Drawing for Urban Design</i>, Laurence King London</li> <li>• Mola, F.Z 2012, <i>The sourcebook of contemporary Urban Design</i>, Harmer Design New York</li> <li>• Rani, R. M 2013, <i>A guide to visual presentation</i>, Page One Publishing Pte Ltd Singapore</li> </ul>

  

Reading List	Reference Book Resources
	<ul style="list-style-type: none"> <li>• Carmona, M., Heath, T., Oc, T., &amp; Tiesdell, S 2003, <i>Public places and Urban</i>, Ed., , Architectural press, Oxford [ISBN: ]</li> <li>• Chang, T.C and Huang, Shirlena 2005, <i>Recreating place, replacing memory:</i>, Ed., , Asia Pacific viewpoint, 46:3, pp267 -280 [ISBN: ]</li> <li>• Gospodini, Aspa 2002, <i>European cities in competition and the new</i> , Ed., , Journal of urban design, 7:1, pp 59 - 73 [ISBN: ]</li> <li>• Hillier, Bill 1996, <i>Seeing buildings: or, is architectural form</i>, Cambridge University Press</li> <li>• Williams, Jo 2005, <i>Designing neighbourhoods for social interacti</i>, Ed., , Journal of urban design, 10:2, pp 195 -227 [ISBN: ]</li> <li>• Jacobs, Jane 1992, <i>The death and life of great American cities</i> Ed., , Vintage, New York [ISBN: ]</li> <li>• Purciel, Marnie 2006, <i>Observational validation of urban design measures</i>, Robert Wood Johnson Foundation</li> <li>• Hillier, Bill 2005, <i>The art of place and the science of space</i>, Wq Ed., , Special issues on space syntax, pp 96 -102 [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