



UNIVERSITI TEKNOLOGI MARA

ARK700: ADVANCED DESIGN I

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| <b>Course Name (English)</b>  | ADVANCED DESIGN I <b>APPROVED</b>   |
| <b>Course Code</b>  | ARK700  |
| <b>MQF Credit</b>   | 6   |
| <b>Course Description</b>   | This course is the study of Urban Design theories, principles and description, as well as the processes of urban production and consumption. Students are to review literature and carry out precedent studies to reinforce their understanding of key components that shape the physical setting for life in cities. This will develop their sensitivity on constructive urban spaces that correspond to basic human needs, liveability, historic preservation, environmental quality and aesthetic values. Several stages of studies will be undertaken, from the rhetorics to the rationale, leading to the main project of urban development itself |
| <b>Transferable Skills</b>  | Creative and Innovative<br>Experienced Collaborator   |
| <b>Teaching Methodologies</b>   | Lectures, Studio, Seminar/Colloquium, Field Trip, Case Study, Tutorial, Problem Based Learning (PBL), Discussion, Presentation  |
| <b>CLO</b>  | CLO1 Interpret issues, concepts and methodologies of urban design.<br>CLO2 Manipulate the presentation and model making skills in design solutions.<br>CLO3 Formulate in a team to generate ideas of urban design proposal that incorporates sustainable development strategies.<br>CLO4 Formulate individually a detailed urban space design on a small site that considers the impacts upon society, culture, economy and environment.  |
| <b>Pre-Requisite Courses</b>  | No course recommendations   |
| <b>Topics</b>   |   |
| <b>1. Elements, Theories and Current Issues in Urban Design</b><br>1.1) N/A |   |
| <b>2. Design Themes and Ideas</b><br>2.1) N/A                               |   |
| <b>3. Design Programs Formulation</b><br>3.1) N/A                           |   |
| <b>4. Design of Public Realm</b><br>4.1) N/A                                |   |

| Assessment Breakdown  |  | %       |  |
|-----------------------|--|---------|--|
| Continuous Assessment |  | 100.00% |  |

  

| Details of Continuous Assessment | Assessment Type | Assessment Description | % of Total Mark | CLO  |
|----------------------------------|-----------------|------------------------|-----------------|------|
|                                  | Assignment      | n/a                    | 10%             | CLO2 |
|                                  | Assignment      | n/a                    | 20%             | CLO1 |
|                                  | Assignment      | n/a                    | 20%             | CLO3 |
|                                  | Assignment      | n/a                    | 50%             | CLO4 |

  

| Reading List | Reference Book Resources   |
|--------------|--|
|              | <ul style="list-style-type: none"> <li>• Carmona, M., Heath, T., Oc, T., Tiesdell, S. 2003, <i>Public Places Urban Space - The Dimensions of Urban Design</i>, Architectural Press Oxford</li> <li>• Davies, L. 2000, <i>Urban Design Compendium</i>, English Partnership London</li> <li>• Groat, L., Wang, D. 2002, <i>Architectural Research Methods</i>, John Wiley &amp; Sons New York</li> <li>• Marcus, C.C. 1990, <i>People Places: Design Guidelines for Urban Open Spaces</i>, V.N.R. New York</li> <li>• Broadbent, G. 1990, <i>Emerging Concept in Urban Space Design</i>, V.N.R. New York</li> <li>• Roaf, S., Crichton, D., Nicol, F. 2009, <i>Adapting Buildings and Cities for Climate Change - 21st Century Survival Guide</i>, Architectural Press Oxford</li> <li>• Yasser, E. 2009, <i>Dubai: Behind an Urban Spectacle</i>, CRC Press New York</li> <li>• Yasuhi, A., Yukio, S., Toru, I. 2009, <i>New Frontiers in Urban Analysis</i>, CRC Press New York</li> <li>• Koolhaas, R. 1996, <i>Delirious New York</i>, Cambridge Harvard University Press</li> <li>• Leach, N. 2009, <i>Digital Cities and Architectural Design</i>, John Wiley &amp; Sons New York</li> </ul> |

  

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|---------------------------|---|
| <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         |