



UNIVERSITI TEKNOLOGI MARA

AAR450: DESIGN I

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| Course Name (English) | DESIGN I APPROVED |
| Course Code | AAR450 |
| MQF Credit | 5 |
| Course Description | This course focuses on design fundamentals through the development of appropriate vocabulary, and interpretive and abstract thinking based upon visual perception, design elements, light, colour, form, space and order in design through several exercises in 2D and 3D compositions. Examples of built architectural works and other objects of art will be the point of reference. |
| Transferable Skills | Reflective learner: Demonstrate ability to identify and articulate self skills, knowledge and understanding confidently and in a variety of contexts. Resourceful and responsible: Demonstrate ability to manage personal performance to meet expectations and demonstrate drive, determination and accountability. |
| Teaching Methodologies | Lectures, Studio, Demonstrations, Field Trip, Tutorial, Presentation, Workshop, Journal/Article Critique, Supervision |
| CLO | CLO1 Demonstrate appropriate examples of vocabulary and terminologies of design fundamentals. CLO2 Manipulate the basic vocabulary and elements of design into conceptual architectural composition. CLO3 Discuss the vocabulary and terminologies of design fundamentals. CLO4 Propose an appropriate architectural design that reflects knowledge, vocabulary and terminologies of design fundamentals. |
| Pre-Requisite Courses | No course recommendations |
| Topics | |
| 1. Basic Elements in Design 1.1) Point, Line, Plane, Volume, Form & Space | |
| 2. Principles and Theory of Design in 2D 2.1) Ordering Principles, Harmony, Balance, Scale & Proportion, Pattern, Texture, Light, Shadow and Colour | |
| 3. Principles and Theory of Design in 3D 3.1) Ordering Principles, Harmony, Balance, Scale & Proportion, Pattern, Texture, Light, Shadow and Colour | |

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

| Details of Continuous Assessment | Assessment Type | Assessment Description | % of Total Mark | CLO |
|----------------------------------|-----------------|------------------------|-----------------|------|
| | Assignment | Progress 3 | 10% | CLO3 |
| | Assignment | Progress 2 | 20% | CLO2 |
| | Assignment | Progress 1 | 25% | CLO1 |
| | Assignment | Final Project | 45% | CLO4 |

| Reading List | Recommended Text | <ul style="list-style-type: none"> Ching, F.D.K. 2002, <i>Architectural graphics</i>, 4 Ed., John Wiley & Sons, LTD, |
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| | Reference Book Resources | <ul style="list-style-type: none"> Mo Zell 2008, <i>Architectural Drawing Courses - Understand th</i>, Thames & Hudson, London David Bramston, 2008, <i>Basic Product Design : Idea Searching</i>, AVA Publishing, UK Victoria Ballard Bell 2006, <i>Materials For Architectural Design</i>, London: Laurence King Publishing Meerwin, Gerhard, B.Rodreck, and F.H. Manhke 2007, <i>Color - Communication in Architectural Space</i>, Birkhauser, Basel |
| Article/Paper List | This Course does not have any article/paper resources | |
| Other References | This Course does not have any other resources | |