**University of Management and Technology**

**Course Outline**

Course code: **LA-303**

Course title: **Housing Landscape Design**

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| --- | --- |
|  Program  | **Bachelor of Landscape Architecture**  |
|  Credit Hours  | **0+2**  |
|  Duration  | **16 Weeks**  |
|  Prerequisites  | **None**  |
|  Resource Person  | **Beenish Mujahid** |
|  Counseling Timing  (Room# )  |  |
|  Contact  | **beenish.mujahid@umt.edu.pk** **0323 3020100**  |

**Instructors signature………………………………..…………….**

**Chairman/Director signature………………………………….**

**Dean’s signature…………………………… Date………………………………………….**

# OBJECTIVE:

To design and draw a functional and aesthetic landscape for a residence using the design process and elements and principles of design.

# Learning Outcomes:

By the end of the semester students should be able to:

* List the steps of the design process and show evidence of the use of the process in the final design project.
* Describe the elements and principles of design, identify examples in various landscape images, and discuss the use of elements and principles in project presentations.
* Create a typical site inventory and explain the concept of opportunities and constraints based on the site analysis.
* Identify and describe the characteristics of a design theme.
* Use the process of form composition and identify important factors of spatial composition. Students will show evidence of understanding by using a theme, form composition, and spatial composition in the final design.
* List typical steps in program development and create functional diagrams.
* Describe plant characteristics and list functional use of plants.
* Describe the basic concepts of color theory and the aesthetic use of plant material.
* Identify plant materials for a typical housing design in the context of Pakistan.
* Develop technical drawings of housing landscape designs, including symbols, labels, a plant schedule, and general notes.

## Evaluation:

Students will be evaluated on following projects, including:

**Project #1-** Small Scale Planting Plan with emphasis on plant characteristics

**Project #2-** Landscape design for existing/proposed residence considering community neighborhood . A complete, rendered residential landscape design (plan view) with plant material schedule.

## Grading Policy:

Students are allowed two un-excused absence; every un-excused absence thereafter will result in a grade penalty. Desk crits are mandatory - every student is required to stay for a crit and is expected to work on their design projects while waiting for an individual crit.

Grading is based on the following scale:

|  |  |
| --- | --- |
| **Tasks**  | **Marks in %**  |
| Design Crits / Discussion / Progress  | 15  |
| Mid Jury  | 25  |
| Final Jury  | 60  |
| **Total**  | **100**  |

## Reference Books:

* Concept to Form in Landscape Design by Reid, G. 1993.
* Landscaping (Southern Living Garden Guide) by Chaplin, Lois Trigg (Editor) 1998
* Landscape Graphics by Reid, G 1987
* Professional Planting Design, An Architectural and Horticultural Approach for Creating Mixed Planting Beds by Scarfone, S. 2007
* Designing the Landscape, An Introductory Guide for the Landscape Designer by Bertauski, T.

 2005.

## Calendar of Course contents to be covered during semester

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| --- | --- | --- |
|  **Week**  |  **Course Contents**  | **Reference Chapter(s)**  |
|    1  |  **Introduction to class/Project 1 & Landscape Plants** Class Syllabus Plant characteristics - form, texture, size, type **Assignment # 1** List and present graphically 10 plants related to Housing Landscape Design. Submission : Next Session  |    |
|  2  |  **Concept Development**  Design Discussion & Crit - 01  |   |
|  3  |  **Color Theory & Layering and Massing**  |   |
|  4  |  **Site Analysis / Measurement & Design Process**  |   |
|   5  |  **Site / Spatial Zoning & Bubble Diagram** Design Discussion & Crit - 02 |   |
|   6  | **Plant Composition & Graphics** Graphics- drawing plant symbols Drawing a planting plan  |   |
|  7  |  Design Studio - Progress  |  |
|   8  |  **Midterm exam** **(07 – 12 Dec’20)**  |   -------  |
|  9  | **Project 2 & Inventory and Analysis** Site inventory and analysis,  |   |
|  10  |  User interview, Design brief development **Site visit**  |   |
|   11  | **Design Themes & Concept Development** Design Discussion & Crit - 03 |  |
|   12  |  Inspiration for design themes Conceptual design Design Discussion & Crit - 04  |   |
|  13  | **Spatial Landscape Analysis** Design Process continues   |   |
|   14  | **Form Development** Inspiration for design themes Conceptual design Design Discussion & Crit - 05  |  |
|  15  |  Pre – Final Design Review  |   |
|  16  |  **FINAL EXAM**  |  ----------  |