**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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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** | | | ---------- |