**University of Management and Technology**

**Course Outline**

Course code…**AR-806**  Course title: **Landscape Architecture Design**

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| Program | **PhD Architecture** |
| Credit Hours | 3 |
| Duration | One Semester |
| Prerequisites | None |
| Resource Person | Dr. Najma Kabir |
| Counseling Timing  (Room# Teacher’s Office) | Wednesday 12.00 pm -1.00pm |
| Contact | 03014279792 |

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

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

**Learning Objective:**

The objective of this course is to consider various issues of landscape in architecture and to

enable the students to address various contemporary issues related to this subject

**Syllabus:**

Importance of Landscape-architecture, Theories of landscape design, hard and soft landscape, Design, selection and planning of plantation, urban furniture and landscape design, Practices in Landscape design, Environmental Design at Regional scale, Landscape of neighbourhood, roads and highways, Rainwater Harvesting, Study of Plants, Plant ecology and plant design.

**Learning Methodology:**

* Lectures
* Presentations
* Latest Research Papers
* Assignments related to studied topics
* Case studies through Site Visits
* Discussion with relevant experts

**Grade Evaluation Criteria**

Following is the criteria for the distribution of marks to evaluate final grade in a semester.

**Marks Evaluation Marks in percentage**

Quizzes 10%

Assignments 10%

Mid Term 25%

Term Project 15%

Final exam 40%

Total 100%

**Recommended Text Books:**

* Ingels, J. E*. Landscaping Principles and Practices*
* Simon Bell, *Elements of Visual Design in Landscape*
* Simonds, *Landscape Architecture* (3rd edition).
* Littelewood, *Landscape Detailing: Surfaces* (3rd edition).
* Littlewood, *Landscape Detailing: Structure* (3rd edition).
* Robert, *The Built, the Unbuilt, and the Unbuildable In Pursuit of Architectural Meaning*
* Dixon H and Willis P, *The Genius of the Place The English Landscape Garden 1620-1820*
* Jellicoe.S. and Geoffre, *The Landscape of Man Shaping the Environment from Prehistory to Present Day* (3rd Edition)

**Reference Books:**

* Vernon, S. Garmory, N. Rachel, Tennan, R*. Landscape Architects Pocket Book*
* Quartino, D. S. *1000 Tips for landscape Architects*

**Calendar Of Course Contents To Be Covered During Semester**

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| **Week** | **Course Contents** | **Reference Chapter(s)** |
| 1 | Introduction and Importance of Landscape Architecture  Terms & Definitions | Pp. 85-151  Ingels, J. E. Landscaping Principles and Practices |
| 2 | History and Theory of Landscape Architecture | Pp. 219-227  Ingels, J. E. Landscaping Principles and Practices |
| 3 | Principles & Elements of Landscape Architecture  Hardscape and Soft-scape, water bodies etc. | Pp. 131-146  Ingels, J. E. Landscaping Principles and Practices |
| 4 | Understanding the plants : Outdoor, indoor, evergreen, shrubs, flowers, trees etc.  Xeriscaping, its principles and application | Chapter 7, Pp 98-129 Ingels, J. E. Landscaping Principles and Practices |
| 5 | Important features of Japanese and Mughal Landscape  Philosophy and their theme  Report/presentation regarding comparison between the two | The Landscape of Man, shaping the Environment from Prehistory to Present Day |
| 6 | Gardens of English Renaissance and Baroque Style  Presentation on the two | The Landscape of Man, shaping the Environment from Prehistory to Present Day |
| 7 | English and Italian Landscape features  **Assignment 1** : Design a Garden Inspired by the current lecture | The Landscape of Man, shaping the Environment from Prehistory to Present Day |
| 8 | Mid Exam on all the topics above  **Quiz Test 1** |  |
| 9 | **Landscape Contracting**  Clientage services, interviews etc.  Expenses and Management  **Assignment 2**: Introduction to the Term Report | Pp 238-293  Ingels, J. E. Landscaping Principles and Practices |
| 10 | **The Site**  Site features and Characteristics  Sources of Site Information  Grading and preparation of Base Map  Assignment No. 2 | Pp 60-67  Ingels, J. E. Landscaping Principles and Practices |

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| 11/12 | **The Process of Landscaping**  a. Installing landscape plants  b. Types of plants  i. Tools required for plants  c. Selection of grass | Pp 296-340  Ingels, J. E. Landscaping Principles and Practices |
| 13/14 | **Roof Garden and its application**  **Assignment**: Design of a roof Garden  **Quiz Test 2** | Latest articles and researches |
| 15 | **Landscaping in the age of Technology**  Urban Jungle and a case study in Lahore city  Presentation on Term Report | Pp 219-235 Ingels, J. E. Landscaping Principles and Practices |
| 16 | Final Exam |  |