**University of Management and Technology**

**School of Architecture & Planning**

**Department of Architecture**

**Course Outline**

Course code: Ar 638 Course title: Understanding Urban Settlements

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| --- | --- | --- |
| Program | M-ARCH | |
| Credit Hours | 3+0 | |
| Duration | 16 weeks | |
| Prerequisites | None | |
| Resource Person | As Per timetable | |
| Counseling Timing | Kindly see office window | - |
| Contact | - | Email: |

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

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

**Learning Objective:**

This Course will provide an opportunity for students to develop an understanding of the core concepts involved in urban design. This course examines both the structure of cities and the ways they can be changed. It introduces graduate students to theories about how cities are formed, and the practice of urban design and development, using U.S. and international examples.

**Learning Methodology:**

* Lecturing
* Written Assignments
* Guest Speaker
* Field surveys
* Report Writing
* Term Project Submission

**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 30%

Term Project 20%

Final exam 30%

Total 100%

**Recommended Text Books:**

Urban design, the architecture of towns and cities, Book by Paul D Spreiregen

Responsive Environments, Book by Ian Bentley

Emerging concepts in urban space design, Book by Geoffrey Broadbent

Urban Design: Street and Square, Book by Cliff Moughtin

Public Places - Urban Spaces, Book by Matthew Carmona

**Calendar of Course contents to be covered during the semester**

Course code: Ar-638 Course title: Understanding Urban Settlements

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| --- | --- | --- |
| **Week** | **Course Contents** | **Weeks** |
| 1 | Introduction to the Urban Design, Principles of Urban Design | 1st Week |
| 2 | Principles of Space and Scales | 2nd Week |
| 3 | Principles of Masses | 3rd Week |
| 4 | Study of the elements of the city  Reading: Principles for public space design, planning to do better, Matthew Carmona | 4th Week |
| 5 | Responsive Environment  **Practical**: Legibility Analysis applied on the study area | 5th Week |
| 6 | Contemporary public space: critique and classification | 6th Week |
| 7 | Guest Speaker | 7th Week |
| 8 | Mid Exam | 8th Week |
| 9 | Principles of Islamic Planning and Urban Form  Practical: Term Project | 9th Week |
| 10 | Principles and Design Concepts of Environment Friendly Cities  Practical: Students will prepare the presentations on the elements of new urbanism in different cities | 10th Week |
| 11 | Urban Design and People, Techniques of Urban Design | 11th Week |
| 12 | The Roots and Concepts of Modern Urban Form and Design  Reading: The COVID-19 pandemic: Impacts on cities and major lessons for urban planning, design, and management | 12th Week |
| 13 | Qualities of A Good Urban Designer, Radburn: A Town for Motor Age | 13th Week |
| 14 | **Reading**: Importance of Urban Squares as Public Space in Social Life: A New Design of Fisktorget in Karlskrona City | 14th Week |
| 15 | Submission of Term Project and Viva | 15th Week |
| 16 | Final Exam | 16th Week |