URBAN DESIGN

DEFINITIONS, ELEMENTS AND OBJECTIVES

INTRODUCTION TO THE COURSE

Definitions

Process of functionally and aesthetically arranging built up areas and streets of city including places of work, habitation, leisure and meeting etc.

Process of giving form, shape and character to groups of buildings, to whole neighbourhood and to the city.

Dynamic art in which three dimensional concept is experienced by moving through it in the fourth dimension of time.

Elements

Buildings

Public Spaces or Squares

Streets

Transportation

Landscape

Buildings and Squares

Corporation Street

The Printworks

Exchange Square

The Old Wellington Inn

Elements

Buildings

➢Shape and articulate space

➢Form the walls of the city

➢Create a sense of place

➢Represent public face of the city

Public Spaces or Squares

➢Living rooms of the city

➢Form the stage and backdrop of city life.

➢Focal point and defining elements of the city

Streets

Elements

Streets

➢Connections between spaces and places

➢Defined by physical dimension and character

➢Street pattern defines a city form

Transportation

➢Connects parts of city and help shape them

➢Make the city hostile or friendly to pedestrians

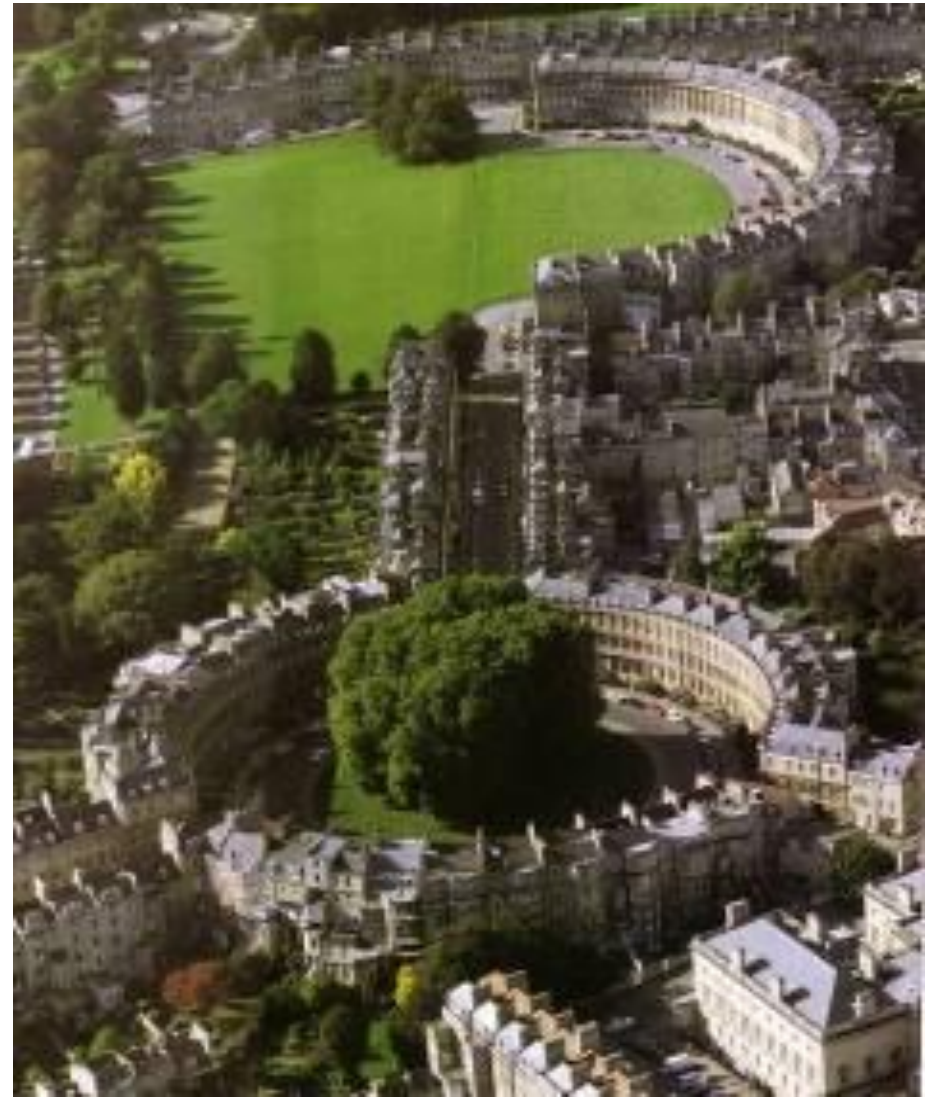➢Balance of components define quality and character of city

Transportation

Elements

Landscape

➢Green part of city that weaves through

➢Help define character and beauty of a city

➢Help provide green relief in dense urban setting

Landscape

Objectives

To make the extent of the city comprehensible.

To wear new centres into existing urban fabric.

To promote the continuity of street frontages and the enclosures of space.

To complement the urbane with nature.

To create key focal sites.

To make the city a harbour of diversity.

Course Outline

Introduction to Urban Design

Dimensions of Urban Design

Making a Visual Survey

Basic Principles of Urban Design

Urban Design Techniques

Responsive Environment

Course Outline

Urban Esthetics
Urban Design & People
Qualities of a Good Designer
Planning and Design of Islamic Cities
New Urbanism Movement
The Eco-city Concept

Recommended Books

1. Urban Design: The Architecture of Towns and Cities, by Paul D. Spreiregen

2. Defining Urban Design by Eric Mumford

3. City Sense and City Design: Writings and Projects of Kevin Lynch, edited by Tridib Benerjee & Michel Southworth

4. Emerging Concepts in Urban Space Design, by Geofferey Broadbent

5. Responsive Environment: A Manual for Designers, by Ian Bentley et al.

6. Urban Design: Street & Square, by Cliff Moughtin

Recommended Books

7. Time-Saver Standards for Urban Design, edited by Donald Watson, Alan Plattus & Rober Shibley

8. Town Design, by Frederick Gibbered

9. The Urban Design Handbook: Techniques and Working Methods, by Ray Gindroz et al.

10. Designing Cities: Critical Readings in Urban Design, edited by Alexander R. Cuthbert

11. Urban Design Management: A Guide to Good Practice, edited by Antti Ahlava and Harry Edelman

12. Public Places Urban Spaces: The Dimensions of Urban Design by Matthew Cashmona et al.

Practical

❖Reader for comprehension and presentation

❖Area appraisal including stakeholders' interviews/questionnaire survey

❖Design proposal and report

❖Presentation of analysis and design proposal