Course Specifications of:

Urban Context for the Built Environment

Program(s) on which the course is given:M.Sc. - Architectural Design

Compulsory or Elective element of program: Elective

Department offering the program: Architecture

Academic year / Level: year/ 2014 -2015

Date of specification approval: June 2012

1. Basic Information
2. Title: Urban Context for The Built Environment Code: Arch 603
3. Credit Hours: 3 Lecture: 3 practical: 0
4. Semester work: 120 Final Exam: 90 Practical: 90 Total: 300
5. Professional Information

1- Overall aims of course:

By the end of the course the student will be able to

1. Recognize the elements and components of the urban context
2. Analyze the urban fabric/ form and space integration
3. Interpret services space hierarchy, visual aesthetics, and perception of image of the built form.
4. Understand the dilemma of place identity applied to Egyptian cities.
5. Contribute to urban design theories and practice, by developing ways and means to manage the local built environment to the satisfaction of local communities.

2- Intended learning outcomes of course (ILOs):

1. **Knowledge and understanding**

2.1.1 Identify theories, fundamentals and specialized knowledge in the area of architectural design as well as in related disciplines.

2.1.2 Recognize the debate skills by increasing the level of intellectual discourse about architecture.

2.1.5 Define the principles and fundamentals of quality in architectural design field and professional practice.

2.1.6 Recognize the interrelationship between culture and architecture.

1. **Intellectual skills**

2.2.1 Classify and assess information in the fields related to architectural design.

2.2.3 Select and Link different knowledge sources to solve architectural problems.

2.2.4 Discuss risks in professional practices of architectural design.

1. **Professional and practical skills**

2.3.2 Develop the ability to write and evaluate reports professionally.

1. **General and transferable skills**

2.4.3 Set basis and standards to assess the performance of others.

2.4.4 Experiment Working in a group and Lead a team in familiar professional contexts

2.4.5 Appraise the responsibility of the architect to elicit, understand and resolve the needs of the client.

3- Contents

|  |  |  |  |
| --- | --- | --- | --- |
| Topic No. | Topic | No. of weeks | Total no. of hours |
| 1 | Elements and components of the urban context | 1 | 3 |
| 2 | elements of the visual perception | 1 | 3 |
| 3 | studies and analysis of site components/ topographical studies | 1 | 3 |
| 4 | environmental studies of the urban context | 1 | 3 |
| 5 | Urban and Rural Characteristics | 1 | 3 |
| 6 | Living and Transitional Space | 1 | 3 |
| 7 | Building Forms​​ | 1 | 3 |
| 8 | Building Forms​​ | 1 | 3 |
| 9 | Universal current Attitudes and | 1 | 3 |
| 10 | Egyptian Domestic Factors. | 1 | 3 |
| 11 | The Dilemma of Place Identity | 1 | 3 |
| 12 | Historical Review of The Evolution of the Egyptian Cities | 1 | 3 |
| 13 | Identity and Place Identity | 1 | 3 |
| 14 | CULTURE AND ENVIRONMENT | 1 | 3 |
| 15 | Oral exam | 1 | 3 |
| 16 | Final exam | 1 | 3 |
| TOTAL | | 16 | 45 |

4- Course Matrix

|  |  |  |
| --- | --- | --- |
| ILOs code number | Teaching/learning methods and strategies | Assessment methods and strategies |
| 2.1.1  2.1.2  2.1.5  2.1.6 | Acquisition of core knowledge and understanding is achieved mainly through   * lectures, * seminars, * directed reading,. | Assessment will be through   * individual coursework assignments, * oral arranged discussions about particular issues. |
| 2.2.1  2.2.3  2.2.4 | Analysis and problem‐solving skills are developed through   * lectures, * seminars * small group exercises. * project work and independent study. | Assessment of students   * prepared term research paper * number of essays prepared in responses to research * Research skills are developed through a research project in the course * Analysis and design skills and creativity are assessed through oral, written examinations, and Quizzes * Quizzes based abilities are mainly assessed through performance |
| 2.3.2 | * Projects demonstrations, * practical work, * practical based projects in selected particular sites, visits for site analysis | Practical skills are assessed through   * Quizzes prepared concept designs, * report writing about it, coursework exercises * project based on research presentations, * oral exams |
| 2.4.3  2.4.4  2.4.5 | * Presentations in several seminars (compulsory to be attended by a panel of departmental staff and other students). * Attendance of workshops * Compulsory writing reports | general skills are assessed through   * report writing * coursework exercises * oral exams * project based on research presentations, |

5- Assessment schedule

* Assessment 1 Assignments on week’s9-14
* Assessment 2 Oral exam on week 15
* Assessment 3 Final exam on week 16

6- Weighting of assessments

* 40% Home assignments
* 30% Oral examination
* 30% Final-term examination
* 100% Total

7- List of References

* Derissen, Sandra, Martin F. Quaas, and Stefan- Oliver, Paul, Dwellings, The vernacular House World Wide, Phaidon Press limited, London 2003
* Ragette, Friedrich, Traditional Domestic Architecture of the Arab Region, American University of Sharjah, 2003
* Rajjal, Yasser, The Historic Development of Jordan Rural Houses, The 5th Conference on the History and Archaeology of Jordan, Irbid 1992
* Steele, James, The Architecture of RasemBadran, Thames & Hudson, London

8- Facilities required for teaching and learning

Lecture room equipped with overhead projector

Presentation board, computer and data show

9- Intended learning outcomes of course (ILOs) Matrixes

**9.1 Matrix 01: Course contents & Assignment&ILOs**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No. of weeks** | **Course Content** | **Total no. of hours** | **a. Knowledge and understanding** | | | | **b. Intellectual Skills** | | | **c. Professional Skills** | **d. General Skills** | | |
| 2.1.1 | 2.1.2 | 2.1.5 | 2.1.6 | 2.2.1 | 2.2.3 | 2.2.4 | 2.3.2 | 2.4.3 | 2.4.4 | 2.4.5 |
| 1 | Elements and components of the urban context | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 2 | elements of the visual perception | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 3 | studies and analysis of site components/ topographical studies | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 4 | environmental studies of the urban context | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 5 | Urban and Rural Characteristics | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 6 | Living and Transitional Space | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 7 | Building Forms​​ | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 8 | Building Forms​​ | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 9 | Universal current Attitudes | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 10 | Egyptian Domestic Factors. | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 11 | The Dilemma of Place Identity | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 12 | Historical Review of The Evolution of the Egyptian Cities | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 13 | Identity and Place Identity | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 14 | CULTURE AND ENVIRONMENT | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 15 | Oral exam | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 16 | Final exam | 3 |  |  |  |  |  |  |  |  |  |  |  |

**9.2 Matrix 02: Aims &ILOs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Aims**  **ILOs** | **1** | **2** | **3** | **4** | **5** |
| 2.1.1 |  |  |  |  |  |
| 2.1.2 |  |  |  |  |  |
| 2.1.5 |  |  |  |  |  |
| 2.1.6 |  |  |  |  |  |
| 2.2.1 |  |  |  |  |  |
| 2.2.3 |  |  |  |  |  |
| 2.2.4 |  |  |  |  |  |
| 2.3.2 |  |  |  |  |  |
| 2.4.3 |  |  |  |  |  |
| 2.4.4 |  |  |  |  |  |
| 2.4.5 |  |  |  |  |  |

Course coordinator: **Associate professor dr./khairy Amin**

Course instructor: **Associate professor dr./** **khairy Amin**

Date 25 / 5 / 2014