Course Specifications of:

Philosophy of Architectural Design

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

Compulsory or Elective element of program: Compulsory

Department offering the program: Architecture

Academic year / Level: year/ 2014-2015

Date of specification approval: June 2012

1. Basic Information
2. Title: Philosophy of Architectural Design Code: Arch 611
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. Provide a scientific, technical ethical, principles and community values understanding of philosophy of architectural design issues and practice.
2. Recognize of the nature of philosophy of architectural design through the integration of knowledge from building types basic data and architectural trends.
3. Enhance architectural theories and practice in the local urban context, throughthe development of new skills at a high level of creativity.
4. Recognize the elements of architectural design philosophy.

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.

2.1.3 Recognize the scientific developments in the area of architectural design.

2.1.6 Define the basics and the ethics of scientific research.

1. **Intellectual skills**

2.2.2 Explain Solving problems in spite of the lack of some data.

2.2.3 Link different knowledge sources to solve problems.

1. **Professional and practical skills**

2.3.4 Develop an ability to compare and contrast the perspectives, values, customs, and traditions of student`s own culture from those held by other cultures.

1. **General and transferable skills**

2.4.1 Experiment Communicating effectively using different means.

2.4.2 Use information technology in order to serve the development of professional practice.

3- Contents

|  |  |  |  |
| --- | --- | --- | --- |
| Topic No. | Topic | No. of weeks | Total no. of hours |
| 1 | Basic principles of philosophy | 1 | 3 |
| 2 | Theories, contemporary visions, sociological of architecture | 1 | 3 |
| 3 | cultural environmental context of architecture | 1 | 3 |
| 4 | Philosophy and Design | 1 | 3 |
| 5 | Phenomenological Approach | 1 | 3 |
| 6 | Marxism Approach | 1 | 3 |
| 7 | Anthropological Approach | 1 | 3 |
| 8 | linguistic Approach | 1 | 3 |
| 9 | linguistic Approach | 1 | 3 |
| 10 | ARCHITECTURE - THEORY -- CRITICISM - HISTORY | 1 | 3 |
| 11 | From Engineering to Architecture | 1 | 3 |
| 12 | Analytic Philosophy of Architecture | 1 | 3 |
| 13 | The Three Fundamental Factors of Architectural Design | 1 | 3 |
| 14 | History of the Philosophy of Architecture | 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  2.1.3  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. |
| 2.2.2  2.2.3 | 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 |
| 2.3.4 | * 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 |
| 2.4.1  2.4.2 | * 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’s9-11
* 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

Jencks, C., (2002), “The New Paradigm in Architecture, the Language of Post-Modernism", Yale University Press, London, New Haven.

Jencks, C., (1995), “Architecture of the Jumping Universe”, Academy Group LTD, N.Y.

Rappoport, A., (1969), “House form and culture”, Englewood Cliffs, N.J., Prentice-Hall.

Jameson F. Postmodernism, or, The Cultural Logic of Late Capitalism. 2003.

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 &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 | 2.1.3 | 2.1.6 | 2.2.2 | 2.2.3 | 2.3.4 | 2.4.1 | 2.4.2 |
| 1 | Basic principles of philosophy | 3 |  |  |  |  |  |  |  |  |
| 2 | Theories, contemporary visions, sociological of architecture | 3 |  |  |  |  |  |  |  |  |
| 3 | cultural environmental context of architecture | 3 |  |  |  |  |  |  |  |  |
| 4 | Philosophy and Design | 3 |  |  |  |  |  |  |  |  |
| 5 | Phenomenological Approach | 3 |  |  |  |  |  |  |  |  |
| 6 | Marxism Approach | 3 |  |  |  |  |  |  |  |  |
| 7 | Anthropological Approach | 3 |  |  |  |  |  |  |  |  |
| 8 | linguistic Approach | 3 |  |  |  |  |  |  |  |  |
| 9 | linguistic Approach | 3 |  |  |  |  |  |  |  |  |
| 10 | ARCHITECTURE - THEORY -- CRITICISM - HISTORY | 3 |  |  |  |  |  |  |  |  |
| 11 | From Engineering to Architecture | 3 |  |  |  |  |  |  |  |  |
| 12 | Analytic Philosophy of Architecture | 3 |  |  |  |  |  |  |  |  |
| 13 | The Three Fundamental Factors of Architectural Design | 3 |  |  |  |  |  |  |  |  |
| 14 | History of the Philosophy of Architecture | 3 |  |  |  |  |  |  |  |  |
| 15 | Oral exam | 3 |  |  |  |  |  |  |  |  |
| 16 | Final exam | 3 |  |  |  |  |  |  |  |  |

**9.2 Matrix 02: Aims &ILOs**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Aims**  **ILOs** | **1** | **2** | **3** | **4** |
| 2.1.1 |  |  |  |  |
| 2.1.3 |  |  |  |  |
| 2.1.6 |  |  |  |  |
| 2.2.2 |  |  |  |  |
| 2.2.3 |  |  |  |  |
| 2.3.4 |  |  |  |  |
| 2.4.1 |  |  |  |  |
| 2.4.2 |  |  |  |  |

Course coordinator: **professor dr./** Osama Elnhas

Course instructor **professor dr./** Osama Elnhas

Date 25 / 5 / 2014