Course Specifications of:

Public Spaces Context for Building Design

Program(s) on which the course is given: Postgraduate Diploma - Architectural Design.

Compulsory or Elective element of program: Elective

Department offering the program: Architecture

Academic year / Level: year/ 2012 -2013

Date of specification approval: June 2012

1. Basic Information
2. Title: Public Spaces Context for Building Design Code: Arc 511
3. Credit Hours: 3 Lecture: 3 practical
4. Semester work: 120 Final Exam:90 Practical: 90 Total: 300
5. Professional Information

1- Overall aims of course:

* Increase architects awareness of the mutual influences between buildings and urban spaces.
* Upgrade architects professional performance in the design of public spaces.
* Provide training in the direct application of up to date knowledge and advanced methods to attain original and distinguishable solutions for urban problems.

2- Intended learning outcomes of course (ILOs):

1. **Knowledge and understanding**

2.1.2 List ethical and legal principles of architectural design phases.

2.1.3 Explain the effect of architectural design practice on the environment and work towards its conservation and maintenance.

**b- Intellectual skills**

2.2.1 Discern and analyze the problems in the area of architecture and categorize them according to their priority.

2.2.4 Assess the risks and hazards in architectural practices.

2.2.6 Contribute to the built environment with responses sensitive to their environmental, technical, social and cultural contexts

**c- Professional and practical skills**

2.3.1 Acquire and apply the range of skills necessary to become a professional architect.

1. **General and transferable skills**

2.4.5 Conduct self learning and continuous education practices.

3- Contents

|  |  |  |  |
| --- | --- | --- | --- |
| Topic No. | Topic | No. of weeks | Total no. of hours |
| 1 | Components of urban built form | 1 | 3 |
| 2 | Components of urban built form | 1 | 3 |
| 3 | constituent elements of image perception | 1 | 3 |
| 4 | patterns and configuration of urban space elements | 1 | 3 |
| 5 | patterns and configuration of urban space elements | 1 | 3 |
| 6 | spatial distribution of human activity functions and urban space forms | 1 | 3 |
| 7 | visually beautified space configurations and Quizzes | 1 | 3 |
| 8 | Midterm Exam | 1 | 3 |
| 9 | landmarks | 1 | 3 |
| 10 | architectural style | 1 | 3 |
| 11 | harmony contrast and unity of forms | 1 | 3 |
| 12 | harmony contrast and unity of forms | 1 | 3 |
| 13 | elevation collective harmony and composition of urban built environment | 1 | 3 |
| 14 | elevation collective harmony and composition of urban built environment | 1 | 3 |
| 15 | Oral exam | 1 | 3 |
| 16 | Final exam | 1 | 3 |
| TOTAL | | 16 | 48 |

4- Course Matrix

|  |  |  |
| --- | --- | --- |
| ILO’s code number | Teaching/learning methods and strategies | Assessment methods and strategies |
| 2.1.2  2.1.3 | * Acquisition of core knowledge and understanding is achieved mainly through lectures, seminars, tutorials, directed reading, project work for design concepts, argued and valued against objectives, and presented in independent study repoort. | Assessment will be through individual coursework assignments, oral arranged discussions and raise arguments regarding particular topics architecture design and application issues and write individual assays, as well as prepare and write a term scientific report about particular topic. In addition to written final examinations. Grades distribution system is shown in the curriculum table below. |
| 2.2.1  2.2.4  2.2.6 | Analysis and problem‐solving skills are developed through tutorial/problem design and small group discussion reports regarding staff selected topics. | Analysis and design skills and level of creativity are assessed through oral, preparation of alternative design concepts and written research essays. |
| 2.3.1 | Projects demonstrations, practical work, projects and sites analysis based on field visits. | Practical skills are assessed through projects write-ups, coursework exercises and project reports and presentations and final forums discussions and arguments raised about creative ideas demonstrated and adopted methodology, and process carried out to achieve the design objectives. |
| 2.4.5 | Presentations of one major term paper researching particular topic of architectural design or applied field case professionally practiced, in annual seminars (compulsory to be attended by a panel of departmental staff and other students). | research presentation |

5-Assessment schedule

Assessment 1 Assignments on weeks 9-11-14

Assessment 2 Quizzes on week 7

Assessment 3 midterm exam on week 8

Assessment 4 Oral exam on week 15

Assessment 5 Final exam on week 16

6- Weighting of assessments

30% Home assignments

10% Quizzes & midterm exam

30% Oral examination

30% Final-term examination

100% Total

7- List of References

6.1 Essential books.

* **Edited by Fu-chen Lo and Yue-man Yeung- "**Globalization and the World of Large Cities"**-United University Press, 1998.**
* .**Institute of National planning Egypt** – (Cairo 1996) **Human development report 1996** , under the project document EGY/93/007 of technical cooperation with the United Nations development program (UNDP) ,.
* Wilson, Thomas D. *The Oglethorpe Plan*. Charlottesville, VA: University of Virginia Press, 2012. See chapter 3 for design details..
* Mitchell, Don. 2003, The Right to the City: Social Justice and the Fight for Public Space. New York: The Guilford Press

8- Facilities required for teaching and learning

Lecture room equipped with overhead projector

Presentation board, computer and data show

Course coordinator: **Associate professor dr./** Mohamed Khairy Amein .

Course instructor: **Associate professor dr./** Mohamed Khairy Amein .

Date 22 /10 / 2013