**Course Specifications of:**

**Advanced Forum /Applied Research in the Field of Specialty**

Program(s) on which the course is given:Ph. D. - Urban Design

Compulsory or Elective element of program: Compulsory

Department offering the program: Architecture

Academic year / Level: Doctor of Philosophy year 2013 / 2014

Date of specification approval: 23-1-2012

1. **Basic Information**

Title:Advanced Forum /Applied Research in the Field of Specialty Code: Arc 703

Credit Hours: 6 Lecture: 3 Practical:6

Semester work: 450 Final Exam: 150 (Oral) Practical:Total: 600

1. **Professional Information**

**1- Overall aims of course:**

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

1. Update their basic informative knowledge about the   
    research subject current issues the socio-cultural and socio-economic factors; being actively involved in their selected subject of research.
2. Enhance their capabilities for preparing their research thesis; that should lead to an innovative, or newly changed mental grasp of urban design knowledge, or creation of new philosophical approach to urban design formula.
3. Structure research and set its objectives and hypothesis and methodologies, in addition to designing of questionnaire.
4. Determine and create new elements, principles, methods and applications in the field of urban design.

**2- Intended learning outcomes of course (ILOs):**

1. **Knowledge and understanding**

2.1.1 Arrange research and set its objectives and hypothesis, and systematic acquisition and understanding of a substantial body of knowledge for urban design fields.

2.1.4 State in detail applicable techniques and methodologies that may be used in research.

2.1.5 Recognize and manage the implications of ethical dilemmas and work pro-actively with others to formulate solutions for urban context problems.

1. **Intellectual skills**

2.2.1 Analyse, evaluate and determine constraints and incentives of success that affect the environmental context of urban communities.

2.2.2 Discuss research proposals and design appropriate methodologies in a creative way for urban issues

2.2.3 Indicate appropriate systematic and logical approaches to achieve outcomes and solve research problem.

2.2.5 Explain a detailed understanding of applicable urban techniques and advanced academic enquiry.

2.2.7 Recognize the development original problem solving techniques that leads to achieve results; and ability to discuss and debate these results based on proof evidence.

1. **Professional and practical skills**

2.3.1 Analyze, examine and overview the issues governing good practice - as socio-culture, economic criteria, and environmental context … etc., which affect the decision-making concerning Urban design, and planning fields.

2.3.2 Operate in complex and unpredictable/specialized contexts, and develop methods and tools in urban design fields.

2.3.4 Apply scientific research methodologies and techniques for urban issues.

1. **General and transferable skills**

2.4.3 Experiment Working effectively within a team, adopting any required role within that team, including leadership or assess others performance.

2.4.4 Experiment self-management, including the setting of work priorities, independent working, self-reflection and the formulation of self-development strategies, and responsibility to work in un-predictable situations.

2.4.5 Manage scientific meetings and time effectively.

**3- Contents**

|  |  |  |  |
| --- | --- | --- | --- |
| Topic No. | Topic | No. of weeks | Total no. of hours |
| 1 | Introduction and definitions for Urban design principles | 1 | 3+6 |
| 2 | Impacts of Democracy principles on Urban design | 1 | 3+6 |
| 3 | Right to the City | 1 | 3+6 |
| 4 | Right to Public Space | 1 | 3+6 |
| 5 | Social Justice and Urban design | 1 | 3+6 |
| 6 | Free of Speech and Urban design | 1 | 3+6 |
| 7 | Free of Speech and Urban design | 1 | 3+6 |
| 8 | Emerging Social Capital in Urban deign | 1 | 3+6 |
| 9 | Emerging Social Capital in Urban deign | 1 | 3+6 |
| 10 | Community Participation and Urban design | 1 | 3+6 |
| 11 | Community Participation and Urban design | 1 | 3+6 |
| 12 | Social Justice and Urban design | 1 | 3+6 |
| 13 | Emerging Social Capital in Urban deign | 1 | 3+6 |
| 14 | Research follow up | 1 | 3+6 |
| 15 | Research follow up | 1 | 3+6 |
| 16 | Oral exam | 1 | 3+6 |
| TOTAL | | 16 | 144 |

**4- Course Matrix**

|  |  |  |
| --- | --- | --- |
| **ILO’s code number** | **Teaching/learning methods and strategies** | **Assessment methods and strategies** |
| 2.1.1  2.1.4  2.1.5 | * lectures, * Seminars, * Directed readingthat contribute to research | * Individual coursework assignments * Essays about selected topics of interest * Oral participation in discussion forum about particular issues . * Writing reports about case study topics, and providing illustrative and media based presentations. |
| 2.2.1  2.2.2.  2.2.3  2.2.5  2.2.7 | * Tutorials and staff arranged discussion forum, and small group exercises. * Discussions of students prepared term research paper. * Essays prepared in response to research topics. * Critical examination of reputable up to date field practiced physical plans at either of community area. | * Oral examinations * Written examinations, * Essays * Selected topics for research project report about applied case study. |
| 2.3.1  2.3.2  2.3.4 | * Preparing practical and schematic concepts of urban design formulation (emphasizing the process and creative approaches). * Supervised practice for projects demonstrations, based upon site area visits. * Discuss about philosophical approaches and concepts adopted for a particular project. * Project work and independent research report for a selected case study. | * Oral discussions about selected urban design problem issues. * Coursework exercises about potential alternative solutions. * Prepare an urban design concept and present it for final discussion * Evaluating the adopted planning process and particular approaches selected for the physical development proposed. |
| 2.4.3  2.4.4  2.4.5 | * Participation in annual seminars (compulsory to be attended by a panel of staff and students). * Attendance of workshops or conferences or internal seminars as directed by staff. * Writing one scientific published papers (compulsory assigned before obtaining the degree). | * Oral examinations * Project presentation * Written examinations. |

**5-Assessment schedule**

Assessment 1 Assignments on week’s 4-6-7-9-11-14

Assessment 2 Oral exam on week 16

**6- Weighting of assessments**

75% Home assignments

25% Oral examination

100% Total

**7- List of References**

To be specified by course coordinator & subject areas

**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 & ILO's**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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 | | 2.1.4 | | 2.1.5 | | 2.2.1 | | 2.2.2 | | 2.2.3 | | 2.2.5 | | 2.2.7 | | 2.3.1 | | 2.3.2 | | 2.3.4 | | 2.4.3 | | 2.4.4 | | 2.4.5 | |
| 1 | | Introduction and definitions for Urban design principles | | 3+6 | | **x** | | **x** | | **x** | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| 2 | | Impacts of Democracy principles on Urban design | | 3+6 | | **x** | | **x** | | **x** | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| 3 | | Right to the City | | 3+6 | |  | |  | |  | | **x** | | **x** | | **x** | | **x** | | **x** | |  | |  | |  | |  | |  | |  | |
| 4 | | Right to Public Space | | 3+6 | |  | |  | |  | | **x** | | **x** | | **x** | | **x** | | **x** | |  | |  | |  | |  | |  | |  | |
| 5 | | Social Justice and Urban design | | 3+6 | | **x** | | **x** | | **x** | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| 6 | | Free of Speech and Urban design | | 3+6 | |  | |  | |  | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | |  | |  | |  | |  | |
| 7 | | Free of Speech and Urban design | | 3+6 | |  | |  | |  | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | |  | |  | |  | |  | |
| 8 | | Emerging Social Capital in Urban deign | | 3+6 | | **x** | | **x** | | **x** | |  | |  | |  | |  | |  | | **x** | | **x** | | **x** | |  | |  | |  | |
| 9 | | Emerging Social Capital in Urban deign | | 3+6 | | **x** | | **x** | | **x** | |  | |  | |  | |  | |  | | **x** | | **x** | | **x** | |  | |  | |  | |
| 10 | | Community Participation and Urban design | | 3+6 | |  | |  | |  | |  | |  | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | |
| 11 | | Community Participation and Urban design | | 3+6 | |  | |  | |  | |  | |  | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | |
| 12 | | Social Justice and Urban design | | 3+6 | |  | |  | |  | |  | |  | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | |
| 13 | | Emerging Social Capital in Urban deign | | 3+6 | | **x** | | **x** | | **x** | |  | |  | |  | |  | |  | |  | | **x** | | **x** | | **x** | | **x** | | **x** | |
| 14 | | Research follow up | | 3+6 | |  | |  | |  | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | |
| 15 | | Research follow up | | 3+6 | |  | |  | |  | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | |
| 16 | | Oral exam | | 3+6 | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | | **x** | |

**9.2 Matrix 02: Aims & ILO's**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Aims**  **ILO's** | **1** | **2** | **3** | **4** |
| 2.1.1 | **x** |  | **x** |  |
| 2.1.4 | **x** |  |  |  |
| 2.1.5 | **x** |  |  |  |
| 2.2.1 |  |  |  | **x** |
| 2.2.2 |  | **x** | **x** | **x** |
| 2.2.3 |  | **x** | **x** | **x** |
| 2.2.5 |  | **x** |  | **x** |
| 2.2.7 |  | **x** |  | **x** |
| 2.3.1 |  | **x** |  | **x** |
| 2.3.2 |  | **x** |  | **x** |
| 2.3.4 |  | **x** | **x** | **x** |
| 2.4.3 |  |  | **x** |  |
| 2.4.4 |  |  | **x** |  |
| 2.4.5 |  | **x** | **x** |  |

Course coordinator:**Prof. Dr. Ahmed Fareed**

Course instructor: **Ass.Prof. Dr. / Hassan El-Zamely**

Date1 / 1 / 2014