Course Specifications of:

Humanities and Architecture

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

Compulsory or Elective element of program: Compulsory

Department offering the program: Architecture

Academic year / Level: year/ 2012 -2013

Date of specification approval: June 2012

1. Basic Information
2. Title: Humanities and Architecture Code: Arc 510
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:

* Provide training in the direct application of up to date knowledge and advanced methods to attain original and distinguishable design solutions which respect human needs.
* Promote an understanding of how the boundaries of architectural knowledge are advanced through the study of human behavior.
* Promote newly articulated visions about architectural design.

2- Intended learning outcomes of course (ILOs):

1. **Knowledge and understanding**

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

2.1.4 Identify a comprehensive overview of the practical aspects of architectural design, emphasizing the process of identifying forces influencing design and application of developed designs.

**b-Intellectual skills**

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

2.2.2 Solve specialized problems in architectural design area.

**c- Professional and practical skills**

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

2.3.3 Develop the capability to compare between various ideas.

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1. **General and transferable skills**

2.4.3 Obtain information and knowledge from different sources.

3- Contents

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| --- | --- | --- | --- |
| Topic No. | Topic | No. of weeks | Total no. of hours |
| 1 | Humanities as basic constituent in architecture design | 1 | 3 |
| 2 | Humanities as basic constituent in architecture design. | 1 | 3 |
| 3 | interactive relationships between man and built environment | 1 | 3 |
| 4 | interactive relationships between man and built environment | 1 | 3 |
| 5 | concept of complementarities between human needs and architecture | 1 | 3 |
| 6 | social psychology studies | 1 | 3 |
| 7 | social psychology studies and Quizzes | 1 | 3 |
| 8 | Midterm Exam | 1 | 3 |
| 9 | characteristics of local human behavior | 1 | 3 |
| 10 | human needs hierarchy and motivations | 1 | 3 |
| 11 | human needs hierarchy and motivations | 1 | 3 |
| 12 | human behavioral patterns influences on architecture design process | 1 | 3 |
| 13 | human behavioral patterns influences on architecture design process | 1 | 3 |
| 14 | Project follow up | 1 | 3 |
| 15 | Oral exam | 1 | 3 |
| 16 | Final exam | 1 | 3 |
| TOTAL | | 16 | 48 |

4- Course Matrix

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| --- | --- | --- |
| ILO’s code number | Teaching/learning methods and strategies | Assessment methods and strategies |
| 2.1.3  2.1.4 | * 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  2.2.2 | 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  2.3.3 | 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. |
| 2.4.3 | 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 Quizzes 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.

* Gregotti, v.Inside Architecture.MIT Press Series in Contemporary Architectural Discourse.1996.
* k Barnaby,CG Jung and the humanities: Toward a hermeneutics of culture‏ P D'Acierno - 1990‏
* [Return of Organization Exempt from Income Tax (IRS Form 990)](http://architectureforhumanity.org/files/Fully%20Executed%202010%20-%20990.pdf), Architecture for Humanity, 2010
* tephen R. Kellert, Judith Heerwagen, and Martin Mador, Editors, "Biophilic Design: the Theory, Science, and Practice of Bringing Buildings to Life", John Wiley, New York, 2008

8- Facilities required for teaching and learning

Lecture room equipped with overhead projector

Presentation board, computer and data show

Course coordinator: **dr./** Ahmed Yousef .

Course instructor: **dr./** Ahmed Yousef .

Date 23 /10 / 2013