Course Specifications of:

Landscape design

Program(s) on which the course is given: Postgraduate Diploma - Urban Regional Planning

Compulsory or Elective element of program: Compulsory

Department offering the program: Architecture

Academic year / Level: year/ 2013

Date of specification approval: June 2012

1. Basic Information
2. Title: Landscape Design Code: Arc 530
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:

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

* Analyze the existing situations, regarding the physical characteristics of regional locations.
* Consider man made elements implications on the study area
* Evaluate landscape schemes, with consideration to the historical and contemporary examples to conclude positive and negative solutions
* Preparing landscape plans/ schemes design through the case study

2- Intended learning outcomes of course (ILOs):

1. **Knowledge and understanding**

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

1. **Intellectual skills**

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

1. **Professional and practical skills**

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

1. **General and transferable skills**

2.4.2 Utilize technology in the fields related to architectural design.

3- Contents

|  |  |  |  |
| --- | --- | --- | --- |
| Topic No. | Topic | No. of weeks | Total no. of hours |
| 1 | Landscape and civilization: the symmetrical form | 1 | 3 |
| 2 | Landscape and civilization: the asymmetrical form | 1 | 3 |
| 3 | From gardens to public open spaces | 1 | 3 |
| 4 | Modern landscape architecture | 1 | 3 |
| 5 | America and the search for identity | 1 | 3 |
| 6 | Modern European landscape | 1 | 3 |
| 7 | Visions of landscape design 1 and Assignment 1 | 1 | 3 |
| 8 | Site and Context/ introducation to project | 1 | 3 |
| 9 | Landscape morphology/ analysis of site and Assignment 2 | 1 | 3 |
| 10 | Material I: soft landscape/ conceptual diagrams | 1 | 3 |
| 11 | Material I: soft landscape and graphics/ functional stage and Assignment 3 | 1 | 3 |
| 12 | Material II: Hard landscape/ geometric design | 1 | 3 |
| 13 | (master plan) Project follow up | 1 | 3 |
| 14 | Project follow up & Submission and discussions and Assignment 4 | 1 | 3 |
| 15 | Oral exam | 1 | 3 |
| 16 | Final exam | 1 | 3 |
| TOTAL | | 16 | 45 |

4- Course Matrix

|  |  |  |
| --- | --- | --- |
| ILO’s code number | Teaching/learning methods and strategies | Assessment methods and strategies |
| 2.1.3 | * Acquisition of core knowledge and understanding is achieved mainly through lectures, seminars, reading, project work and independent study. | Assessment will be through individual coursework assignments, oral arranged discussions about particular issues and criticism of design research. In addition to given final examinations. |
| 2.2.6 | * Analysis and problem solving skills are developed through tutorials, and projects’ design discussions | Design and research skills are assessed through student proposals for creative design concepts reflecting particular visionary creative ideas, and provide objectiveness based presentation |
| 2.3.1 | * Projects demonstrations, practical work, practical based projects in selected particular sites, and visits for site analysis. | Practical skills are assessed through projects prepared concept designs and individual coursework assignments |
| 2.4.2 | * Presentations of projects as well as seminars | Project presentation |

5- Assessment schedule

Assessment 1 Assignments on weeks 7-9-11-14

Assessment 2 Oral exam on week 15

Assessment 3 Final exam on week 16

6- Weighting of assessments

40% assignments

30% Oral examination

30% Final-term examination

100% Total

7- List of References

6.1 Essential books.

* John L. Motloch. Introduction to Landscape Design, 2nd Edition. John Wiley & Sons, 2001.
* Nicholas T. Dines and Kyle D. Brown. Landscape Architect’s Portable Handbook. McGraw-Hill, 2001.
* Clemens Steenbergen and Wouter Reh. Architecture and Landscape: The Design Experiments of the Great European Gardens and Landscapes. Prestel, 1996.
* Charles W. Harris and Nicholas T. Dines, editors. Time-Saver standards for Landscape Architecture: Design and Construction Data, 2nd edition. McGraw-Hill, 1998.
* Jerry Harpur and David Stevens. Roof Gardens, Balconies and Terraces. Mitchell Beazley, 1997.
* Jan Birksted, ed. Relating Architecture to Landscape. E & FN Spon, 1999.
* Made Wijaya. Tropical Garden Design. Thames & Hudson, 1999.
* John C. Krieg. Desert Landscape Architecture. CRC Press, 1999.
* Richard L. Austin. Elements of Planting Design. John Wiley & Sons, 2002.
* Charles W. Moore and Jane Lidz. Water + Architecture. Thames & Hudson, 1997.

6.2 Recommended books; Periodicals & Websites.

* <http://www.csbe.org/e-publications-resources/articles-and-lectures-on-landscape-design/material-on-water-conserving-landscapes/plant-lists-2/>
* ASLA.org (<http://www.asla.org/2012awards/index.html>)

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** |
| **2.1.3** | **2.2.6** | **2.3.1** | **2.4.2** |
| 1 | Landscape and civilization: the symmetrical form | 3 |  |  |  |  |
| 2 | Landscape and civilization: the asymmetrical form | 3 |  |  |  |  |
| 3 | From gardens to public open spaces | 3 |  |  |  |  |
| 4 | Modern landscape architecture | 3 |  |  |  |  |
| 5 | America and the search for identity | 3 |  |  |  |  |
| 6 | Modern European landscape | 3 |  |  |  |  |
| 7 | Visions of landscape design 1 and Assignment 1 | 3 |  |  |  |  |
| 8 | Site and Context/ introduction to project | 3 |  |  |  |  |
| 9 | Landscape morphology/ analysis of site and Assignment 2 | 3 |  |  |  |  |
| 10 | Material I: soft landscape/ conceptual diagrams | 3 |  |  |  |  |
| 11 | Material I: soft landscape and graphics/ functional stage and Assignment 3 | 3 |  |  |  |  |
| 12 | Material II: Hard landscape/ geometric design | 3 |  |  |  |  |
| 13 | (master plan) Project follow up | 3 |  |  |  |  |
| 14 | Project follow up & Submission and discussions and Assignment 4 | 3 |  |  |  |  |
| 15 | Oral exam | 3 |  |  |  |  |
| 16 | Final exam | 3 |  |  |  |  |

**9.2 Matrix 02: Aims & ILOs**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Aims**    **ILO's** | **1** | **2** | **3** | **4** |
| 2.1.3 |  |  |  |  |
| 2.2.6 |  |  |  |  |
| 2.3.1 |  |  |  |  |
| 2.4.2 |  |  |  |  |

**9.3 Matrix of final exam questions and ILO’s**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Exam questions**    **ILO's** | **Q1** | **Q2** | **Q3** | **Q4** |
| 2.1.3 |  |  |  |  |
| 2.2.6 |  |  |  |  |
| 2.3.1 |  |  |  |  |
| 2.4.2 |  |  |  |  |

**9.4 Matrix of Teaching assessment methods and ILO’s**

|  |  |  |  |
| --- | --- | --- | --- |
| **Assessment**    **ILO's** | **Assignments** | **Oral exam** | **final exam** |
| 2.1.3 |  |  |  |
| 2.2.6 |  |  |  |
| 2.3.1 |  |  |  |
| 2.4.2 |  |  |  |

Course coordinator: **Associate professor dr./ Manal Abou El-Ela**

Course instructor: **Associate professor dr./ Manal Abou El-Ela**

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