Course Specifications of:

**Projects Management**

Program(s) on which the course is given : Preparatory Courses - Maintenance and Restoration

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: Projects Management Code: Eng 509
3. Credit Hours:3 Lecture:3 practical
4. Semester work:100 Final Exam:200 Practical: Total:300
5. Professional Information

1- Overall aims of course:

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

* Analyze management structuresystems.
* Analyze tools, flow of data diagrams.
* Evaluate problem identifications and its units.
* Evaluate resources data.
* Learn how to deal with the physical components of the system design, system software.

2- Intended learning outcomes of course (ILOs):

1. **Knowledge and understanding**

2.1.1 Identify theories, fundamentals and specialized knowledge in management structure systems as well as in related disciplines

1. **Intellectual skills**

2.2.1 Analyze and assess information in the field of management and resources and draw analogies to solve problems.

1. **Professional and practical skills**
   * 1. Write and evaluate professional re
2. **General and transferable skills**

2.4.1 Communicate effectively using different means.

2.4.5 Set basis and standards to assess the performance of others.

2.4.6 Work in a group and Lead a team in familiar professional contexts

3- Contents

|  |  |  |  |
| --- | --- | --- | --- |
| Topic No. | Topic | No. of weeks | Total no. of hours |
| 1 | Definition of the system | 1 | 3 |
| 2 | Project Management Systems |  | 3 |
| 3 | Project Management Systems | 1 | 3 |
| 4 | Plans and Programming methods | 1 | 3 |
| 5 | Plans and Programming methods | 1 | 3 |
| 6 | Follow up and reports | 1 | 3 |
| 7 | Follow up and reports & Quizzes | 1 | 3 |
| 8 | Generating of alternatives and design methods | 1 | 3 |
| 9 | Total Quality Management and Assignment 1 | 1 | 3 |
| 10 | Total Quality Management | 1 | 3 |
| 11 | System softwareandthe list of the components of the system and Assignment 2 | 1 | 3 |
| 12 | Application on projects managements | 1 | 3 |
| 13 | Determination of the logic of the processesanddetailed | 1 | 3 |
| 14 | Design of control software in the system and Determination of the test Plan, implementation and maintenance | 1 | 3 |
| 15 | Presentations | 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 |
| 2.1.1 | Acquisition of core knowledge and understanding is achieved mainly through lectures, seminars, tutorials, directed reading, project work and independent study. | Assessment will be through individual coursework assignments, quizzes, oral discussions and reports. In addition final written examinations are given. The grades distribution system is shown in the curriculum table below. |
| 2.2.1 | Analysis and problemsolving skills are developed through tutorial/problem sheets and small group exercises.  Research skills are developed through the research project in the course of dissertation or thesis preparation. | Analysis and problem‐solving skills are assessed through oral and written examinations.  Design and research skills are assessed through project write-ups, coursework and project reports, presentations and the final |
| 2.3.2 | Projects demonstrations, practical work, projects | Practical skills are assessed through projects write-ups, coursework exercises and reports, project reports and presentations and finally on the methodology demonstrated in the work for the dissertation or thesis. |
| 2.4.1 – 2.4.5 – 2.4.6 | Presentations in annual seminars (compulsory to be attended by a panel of departmental staff and other students).  Attendance of workshops or conferences or internal seminars. |  |

5-Assessment schedule

Assessment 1 Assignmentson weeks 9-11

Assessment 2 Quizzes on weeks 7

Assessment 3 Presentations on week 15

Assessment 4 Final exam on week 16

6- Weighting of assessments

15% Home assignments

03% Quizzes

15% Presentations

67% Final-term examination

100% Total

7- List of References

6.1 Essential books.

* JL Whitten, VM Barlow, L Bentley .systems analysis and design methods‏,McGraw-Hill Professional. 1997.
* R Jain. The art of computer systems performance analysis‏, cmg ,1991.
* [Kent, Sherman](http://en.wikipedia.org/wiki/Sherman_Kent) (2000). Strategic Intelligence for American World Policy.
* Anderson, Chris. [How to Build Effective Management Systems](http://www.bizmanualz.com/information/2005/01/26/how-to-build-effective-management-systems.html), Bizmanualz, January 26, 2005.

8- Facilities required for teaching and learning

Lecture room equipped with overhead projector

Presentation board, computer and data show

Course coordinator:**Associate professor dr./** Azzat Said

Course instructor: **Associate professor dr./**Azzat Said

Date 20 / 10 /2014