



The University of Jordan
Faculty of Engineering & Technology
Civil Engineering Department

Course Title: Project Management

Credit Hours: 3

Course Prerequisite : CM 941521

Lecturer: Abdallah AL - Dabbas

Viewing Schedule: 3 lectures per week

Office Hours: M, W: (1:00 P.M- 2:00 P.M), or by appointment.

Office Location: Civil Engineering Department, Faculty of Engineering and Technology.

Course Code: 931523

Academic Year: Spring Semester / 2014

Lecture Time: M, W: (2:00 – 3:30) P.M.

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2005 - 2006 Catalog Description: Project management concepts, construction planning, legal aspects of the construction process, management structure, project finance and funding, budgeting, construction cost estimate, construction material management, manpower planning, and total quality management.

Course Objective:

Provide students with a basic understanding of project management principles, tools, terms, and techniques.

Selected Topics:

1. Introduction to Project Management
2. The Construction Projects.
2. Project Delivery Methods, Contracts, Contract Administration, Bonds, & Insurance.
3. Material Management
4. Construction Cost Estimate.
5. Project Cash Flow.
6. Legal Structures of Organization

Textbook:

“Construction Project Administration “by Edward R.Fisk, Wayne D. Reynolds, Eighth Edition.

Student Materials:

Text book, class handouts, and engineering calculator.

Instructional Methods:

- a. Lecture/Problem solving sessions.
- b. Homework.
- c. Reading assignments.

Homework Assignments: Assignments are due at the beginning of the class period on the specified date; late homework will **NOT** be accepted (i.e. it will be awarded a zero). Write only on one side of the page. Student's name and ID number should be clearly written on first page. Start each problem on a new page. Clearly mark answers in a box (**Never use a red pen in your work**). Staple all pages in order.

Attendance Policy: Attendance is **mandatory**. A role will be taken at the beginning of each class. The university policy regarding attendance will be strictly adhered to. Each student is responsible for the material covered in class. Eating, chewing, sleeping, talking, working on other assignments is inappropriate, discourteous, and inexcusable.

Class Participation: Active participation and sharing of experience, questions and comments are expected and encouraged. Students should expect to be asked about the reading materials during class. When the class participation falls below the level acceptable to the instructor, pop quizzes will be administered.

Exams:

Exams will be combinations of mathematical problem solving and essay questions. Most essay questions will be short answer, however some may be longer. All examinations will be based on lectures, tutorials, assigned readings, or other work. To pass these exams, students will need to have studied the materials well in advance in order to understand the concepts, procedures, and techniques.

Grading Policy:

Grades in this course will be based on the following course work:

First Exam: 30% (Will be assigned during the semester).
 Quizzes & Homeworks: 10%
 Final Exam: 50% (According to University Calendar)

Grading Scale:

Letter Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F
Weight	4	3.75	3.5	3	2.75	2.5	2	1.75	1.5	1	0.75	0
Range	92-100	88-91	84-87	76-83	72-75	68-71	60-67	56-59	52-55	44-52	40-43	0-39

Exam Policies: Exam Policies:

- ✓ Quizzes are usually unannounced and cannot be made up.
- ✓ No make-up examination will be given to students who miss an exam. The student shall receive a mark of zero for any missing exam with an unapproved excuse.
- ✓ All exams and quizzes are closed books and notes unless otherwise stated.
- ✓ The final exam will be comprehensive.

Grievance Procedure: If you feel that an awarded grade is not accurate for whatever reason, you may dispute it by submitting a written explanation within one week of receiving the marked material.

Students with Disabilities: Any students with disabilities or other special needs and who need special accommodations in this course, are invited to share these concerns or requests with the Lecturer as soon as possible.

Academic Dishonesty: Cheating of any form on any assignment or test will result in failure of the course and possible suspension from the university.

Classroom Behavior: It is not permitted to consume food in the classroom. All cellular phones must be turned off (no vibration mode) during class time. Students whose cellular phones disrupt the course will be asked to leave the class for the remainder of that session and will be equate to one absence.

Changes in the Syllabus: The Lecturer reserves the right to make changes to the syllabus. Changes will be announced in class. The graduates will have the ability to use techniques, skills, and modern engineering tools needed for engineering practice.

Course Contribution:

Professional Component	Course Contribution
General Education	None
Basic Science and Mathematics	None
Engineering Science	An ability to use techniques, skills, and modern engineering tools needed for engineering practice.
Engineering Design	None

Relationship to program outcomes:

CE Program Outcomes	
a	An ability to apply knowledge and principles of mathematics, science, and engineering to solve engineering problems.
d	An ability to function on multi-disciplinary teams.
e	An ability to identify, formulate, and solve engineering problems.
f	An understanding of professional responsibility.
g	An ability to communicate effectively developed through report writing and in class presentations.
k	An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.

ABET Program Criteria for Civil Engineering Achieved:

Civil Engineering Program Criteria	
Program must demonstrate that graduates have	
A	Proficiency in mathematics and sciences.
B	Proficiency in a minimum of four (4) recognized major civil engineering areas;
C	An understanding of professional practice issues.