



## COURSE SPECIFICATIONS (2011-2012)

Benha University

Faculty of Engineering at Shoubra

Electrical Engineering Department

### A- Basic Information

<b>Course Title: Projects Management</b>	<b>Code: GEN 272</b>		
<b>Lecture: 3</b>	<b>Tutorial: 1</b>	<b>Practical: -</b>	<b>Total: 4</b>
<b>Program on which the course is given: B.Sc. electrical Engineering</b>			
<b>Major or minor element of program: N. A.</b>			
<b>Department offering the program: communication Engineering Department</b>			
<b>Department offering the course: communication Engineering Department</b>			
<b>Academic year / level: second Year / First Semester</b>			
<b>Date of specifications approval: 10/12/2011</b>			

### B- Professional Information

#### 1- Overall aims of course:

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

- Understanding the methods of General framework for industrial projects
- Understanding the resonant conditions in Study the technical aspects and engineering The establishment of the guild and its goals

Study aspects of marketing

Examination of the financial and economic

Production planning in project management

Administrative organizations, industrial

Technical control on the quality of production

Storage methods and economics

Methods of production equipment maintenance and industrial safety

Reference

Ministry of Industry and Technological Development

Ministry of Economy and Foreign Trade



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- Understanding the analysis Study aspects of marketing
- Analyze the The effects of the Administrative organizations, industrial

### 2- Intended learning outcomes of course (ILOs)

By completion of the course, the student should be able to:

#### a- Knowledge and understanding

- a.1) Concepts of of marketing appropriate to the discipline.
- a.3) Characteristics of financial and economic.
- a.5) solving Storage methods and economics problems, data collection, and interpretation.

#### b- Intellectual Skills

- b.1) Select appropriate General framework for industrial projects and analyzing problems.
- b.2) Select appropriate solutions for Study the technical aspects and engineering problems based on analytical thinking.
- b.3) Think in a creative and innovative way in technical aspects problem solving.
- b.5) Assess and evaluate General framework for industrial projects b.14) Analyze Management of industrial projects

#### c- Professional and practical skills

- c.1) Apply knowledge of Administrative organizations, industrial
- c.2) Use a wide range of Examination of the financial and economic
- c.3) Apply methods for solving engineering legislation problems.

#### d- General and transferable Skills

- d.1) Collaborate effectively within multidisciplinary team.
- d.2) Work in stressful environment and within constraints.
- d.3) Communicate effectively.



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### 3- Contents

No.	Topics	No. of hours	ILO,s	Teaching / learning methods and strategies	Assessment methods
1	Management of industrial projects	4	a1, b1, c1	Lectures, Class activity, Case study, Assignments/homework	Home assignments, Quizzes, Oral exam
2	Management of industrial projects	4	a1, b1, c1	Lectures, Class activity, Case study, Assignments/homework	Home assignments, Quizzes, Oral exam
3	General framework for industrial projects	4	a1, a5, b1, b11,	Lectures, Class activity, Case study, Assignments/homework	Home assignments, Quizzes, Oral exam
4	General framework for industrial projects	4	a1, a5, b1, b11,	Lectures, Class activity, Case study, Assignments/homework	Home assignments, Quizzes, Oral exam
5	Study the technical aspects and engineering	4	a1, a5, b1, b2, b3, b5, b14, c5, c7, d1, d2, d3	Lectures, Class activity, Case study, Assignments/homework	Home assignments, Quizzes, Oral exam
6	Study the technical aspects and engineering	4	a1, a5, b1, b2, b3, b5, b14, c5, c7, d1, d2, d3	Lectures, Class activity, Case study, Assignments/homework	Home assignments, Quizzes, Oral exam
7	Study aspects of marketing.	4	a3, a5, b1, b2, b3, b5, b11, b14,c5, d2	Lectures, Class activity, Case study, Assignments/homework	Home assignments, Quizzes, Oral exam
8	<b>Mid-Term Exam</b>				
9	Study aspects of marketing.	4	a3, a5, b1, b2, b3, b5, b11, b14,c5, d2	Lectures, Class activity, Case study, Assignments/homework	Home assignments, Quizzes, Oral exam
10	Examination of the financial Production planning in project management	4	a1, a5, b11, c6,	Lectures, Class activity, Case study, Assignments/homework	Home assignments, Quizzes, Oral exam



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<b>11</b>	Examination of the financial Production planning in project management	4	<b>a1, a5, b11, c6,</b>	<b>Lectures, Class activity, Case study, Assignments/homework</b>	<b>Home assignments, Quizzes, Oral exam</b>
<b>12</b>	Production planning in project management	4	<b>a1, b1, b2,b3, c6, , c7,</b>	<b>Lectures, Class activity, Case study, Assignments/homework</b>	<b>Home assignments, Quizzes, Oral exam</b>
<b>13</b>	Administrative organizations, industrial Technical control on the quality of production Storage methods and economics Methods of production equipment maintenance and industrial safety	4	<b>a5, c1</b>	<b>Lectures, Class activity, Case study, Assignments/homework</b>	<b>Home assignments, Quizzes, Oral exam</b>
<b>14</b>	Administrative organizations, industrial Technical control on the quality of production Storage methods and economics Methods of production equipment maintenance and industrial safety	4	<b>a5, c1</b>	<b>Lectures, Class activity, Case study, Assignments/homework</b>	<b>Home assignments, Quizzes, Oral exam</b>
<b>15</b>	<b>Final Exam</b>				
<b>16</b>					

#### 4- Teaching and learning methods

**Lectures**

**Practical training**

**Class activity**

**Case study**

**Assignments / homework**

#### 5- Student assessment methods

**Assignments to assess knowledge and intellectual skills.**



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Quizes.  
Mid-term exam.  
Oral exam.  
Final exam.

### 6.-Assessment schedule

Assessment 1 on weeks 2, 5, 9, 11  
Assessment 2 Quizzes on weeks 4, 6, 10, 12  
Assessment 3 Mid-term exam on week 8  
Assessment 4 Oral Exam on week 14  
Assessment 5 Final exam on week 15

### 7.Weighting of assessments

Home assignments	05%
Quizzes	05%
Mid-term examination	10%
Oral examination	20%
<u>Final-term examination</u>	<u>60%</u>
<b>Total</b>	<b>100%</b>

### 8- List of references

#### 8.1 Course notes

Course notes prepared by instructor.

#### 8.2 Essential Books (Text Books)

الاداره العامه للبحوث , الهيئه العامه للاستثمار و المناطق الحره , تقرير مشروعات الاستثمار حتي نهايه عام 1979 – القايره 1980

#### 8.2 Recommended Books

وحدة ضمان الجودة



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اعداد دراسات و تقييم المشروعات القايره 1978 القرنشاوي , حاتم

.....مقدمه في التحليل الاقتصادي للمشروع , البنك المركزي المصري , معهد الدراسات المصرفيه - 1976

**8.3 Periodicals Web sites, etc**

.....no.....

**9- Facilities required for teaching and learning**

**Presentation board, computer and data show**

**Course coordinator: Prof. Dr. mousa abdullah**

**Course instructor: Dr Ahmed Rashad**

**Head of Department: Prof. Dr. mousa Abdullah Date: March 20, 2012**

وحدة ضمان الجودة