

Course Report (2011 - 2012)

A- Basic Information

Course Title	Physics (B)			Course Code:	EMP 023		
Lecture:	4	Tutorial:	0	Practical	2	Total	6
Programme (s) on which this course is given:	All Programs						
Major or minor element of program:	Major						
Department offering the program:							
Department offering the course:	Engineering Mathematics Physics						
Academic Year of program:	Preparatory		Level of program:	Second Semester			
Date of specifications approval:	16-3 -2010						
Names of lecturers contributing to the delivery of the course							
Course coordinator:	Prof. Sohair EL-Sayed Mahfouz Negi			Prof. Fatma Mohamed AbdulKhalik Metawea			
External evaluator:							

B-Statistical Information

Attendance

No. of students attending the course:	1338	100.00%
No. of students completing the course:	1290	96.41%

Results:

Passed	1179	88.12%	Failed	111	8.30%
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Grading of successful students:

Excellent:	71	5.31%	Very Good:	232	17.34%
Good :	272	20.33%	Pass:	604	45.14%

C- Professional Information

1 – Course

Week #	Topics actually taught	Lecturer	Date
1	<ul style="list-style-type: none"> • Basic Laser Principles • Heat 	Prof.Sohair Prof.Fatma	
2	<ul style="list-style-type: none"> • Basic Laser Principles • Heat 	Prof.Sohair Prof.Fatma	

3	<ul style="list-style-type: none"> • Properties and application of Laser • Heat transfer by conduction 	Prof.Sohair Prof.Fatma	
4	<ul style="list-style-type: none"> • Properties and application of Laser • Heat transfer by conduction 	Prof.Sohair Prof.Fatma	
5	<ul style="list-style-type: none"> • Properties and application of Laser • Heat transfer by radiation 	Prof.Sohair Prof.Fatma	
6	<ul style="list-style-type: none"> • Properties and application of Laser • Heat transfer by radiation 	Prof.Sohair Prof.Fatma	
7	<ul style="list-style-type: none"> • Images formed by a single surface, reflection at a plane and spherical surface • Basic concepts and principles 	Prof.Sohair Ass.Prof.Ahmed	
8	Midterm Exam		
9	<ul style="list-style-type: none"> • Images formed by a single surface, reflection at a plane and spherical surface • Basic concepts and principles 	Prof.Sohair Ass.Prof.Ahmed	
10	<ul style="list-style-type: none"> • Images formed by a single surface, reflection at a plane and spherical surface • Ideal gas and first law of thermodynamics 	Prof.Sohair Ass.Prof.Ahmed	
11	<ul style="list-style-type: none"> • Images formed by a single surface, reflection at a plane and spherical surface • Ideal gas and first law of thermodynamics 	Prof.Sohair Ass.Prof.Ahmed	

12	• The Magnetic field properties and its application • Kinetic theory of gases	Dr.Khalid Ass.Prof.Ahmed	
13	• The Magnetic field properties and its application • Entropy	Dr.Khalid Ass.Prof.Ahmed	
14	• The Magnetic field properties and its application • Heat engine	Dr.Khalid Ass.Prof.Ahmed	
15	Final Exam		

Topics taught as a percentage of the content specified:

Check using the symbol \checkmark

> 90 % 70 % - 90 % < 70 %

Reasons in detail for not teaching any topic

The reason of teaching only 85% of the course is that the time was not enough.

If any topics were taught which are not specified, give reasons in detail

2- Teaching and Learning Methods:

Check using the symbol \checkmark

Lectures	<input checked="" type="checkbox"/>
Practical training / laboratory	<input checked="" type="checkbox"/>
Seminar / workshop	<input type="checkbox"/>
Class activity	<input checked="" type="checkbox"/>
Case study	<input type="checkbox"/>
Project work	<input type="checkbox"/>
Tutorial	<input type="checkbox"/>
Computer based work	<input type="checkbox"/>
Other	<input type="checkbox"/>

If teaching and learning methods were used other than those specified, list and give reasons:

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3. Weighting of Assessments

Assignments	
Quiz	
Mid-term exam	20%
Oral exam	
Final exam	60%
Design Project	
Report	
Experimental write up	20%
Informally assessment (Lecture attendance)	
Other	
Total	100%

Members of Examination Committee

Prof. Sohair EL-Sayed Mahfouz Negm
Prof. Fatma Mohamed AbdulKhalik Metaweaa
Associate Prof. Ahmed Mohamed Abdullah Hayawan

Role of external evaluator

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4- Facilities and Teaching Materials:

Check using the symbol

√

Totally adequate	
Adequate to some extent	√
Inadequate	

List any inadequacies

1- Scientific reference books Available to limited extent
2- Specific media Available to limited extent
3-Requisites and materials Available to limited extent

5- Administrative Constraints

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No vacant well equipped classrooms

6- Student Evaluation of the course:

Response of Course Team

أ.م.د احمد عبدالله: قام بعرض الهدف بوضوح و اعلان محتوى المقرر و يحتوى على معلومات حديثة و يحتوى على امثلة عملية و المقرر يحفز على التفكير و يلتزم المحاضر بموعد المحاضرة و الجدول المعلن و يلتزم بمحتويات المقرر و تشجيع الطلاب على الانتباه الاشارة للتنفيذ على التنكب الاستيعاب وقت الامتحان

تم الاطلاع على التقرير و اعترم على حقيق باقى نقاط الاستبيان

7- Comments from external evaluator(s):

Response of Course Team

باقى نقاط الاستبيان تحتاج للتحسين

تم الاطلاع على نقاط الاستبيان التى تمثل نقاط ضعف و سنراعى تحقيقها فى الاعوام التالية

8- Course Enhancement:

Progress on actions identified in the previous year's action plan:

Action	State whether or not completed and give reasons for any non-completion
تطوير المعامل	جارى تطويرها

9- Action Plan for this Academic Year 2012 - 2013

Actions Required	Completion Date	Person Responsible
زيادة المعامل و توفير الاجهزة و الادوات اللازمة لاجراء التجارب المعملية		

Course Coordinator:

Prof. Sohair EL-Sayed Mahfouz Negm
Prof. Fatma Mohamed AbdulKhalik Metaweaa
Associate Prof. Ahmed Mohamed Abdullah Hayawan

Signature:

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M

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Date:

	8	2012
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