

Course Report (2011 - 2012)

A- Basic Information

Course Title	Mathematics (1-B)			Course Code:	EMP 021		
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:	Engineering Mathematics Physics						
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	Prof. Mohamed Ismail Mohamed Hussein						
Course coordinator:	Prof. Mohamed Ismail Mohamed Hussein						
External evaluator:							

B-Statistical Information

Attendance

No. of students attending the course:	1338	100.00%
No. of students completing the course:	1291	96.49%

Results:

Passed	1235	92.30%	Failed	56	4.19%
--------	------	--------	--------	----	-------

Grading of successful students:

Excellent:	147	10.99%	Very Good:	268	20.03%
Good :	321	23.99%	Pass:	499	37.29%

C- Professional Information

1 – Course

Week #	Topics actually taught	Lecturer	Date
1	<ul style="list-style-type: none"> • Pair of straight lines • Numbers 	Dr.Ibrahim Dr.Fathi	
2	<ul style="list-style-type: none"> • Pair of straight lines • Numbers 	Dr.Ibrahim Dr.Fathi	

3	• Circle • Mathematical induction	Dr.Ibrahim Dr.Fathi	
4	• Circle • Mathematical induction	Dr.Ibrahim Dr.Fathi	
5	• Parabola • Binomial theorem - Finite	Dr.Ibrahim Dr.Fathi	
6	• Parabola • Binomial theorem - Finite	Dr.Ibrahim Dr.Fathi	
7	• Ellipse • Cardan method	Dr.Ibrahim Dr.Fathi	
8	Midterm Exam		
9	• Ellipse • Cardan method	Dr.Ibrahim Dr.Fathi	
10	• Hyperbola • Ferrari method	Dr.Ibrahim Dr.Fathi	
11	• Hyperbola • Ferrari method	Dr.Ibrahim Dr.Fathi	
12	• Solid geometry • Numerical methods for finding roots	Dr.Ibrahim Dr.Fathi	
13	• Solid geometry • Numerical methods for	Dr.Ibrahim Dr.Fathi	
14	• Solid geometry • Matrices	Dr.Ibrahim Dr.Fathi	
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 √

Lectures	√
Practical training / laboratory	
Seminar / workshop	
Class activity	√
Case study	
Project work	
Tutorial	√
Computer based work	
Other	

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

--

3. Weighting of Assessments

Assignments	20%
Quiz	
Mid-term exam	14%
Oral exam	
Final exam	66%
Design Project	
Report	
Experimental write up	
Informally assessment	
(Lecture attendance)	
Other	
Total	100%

Members of Examination Committee

Prof. Mohamed Ismail Mohamed Hussein
Dr. Ibrahim Ahmed AlBastawisi Sakr
Dr. Fathi AbdulSalam AbdulSalam Hussein

Role of external evaluator

--

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

No vacant well equipped classrooms

6- Student Evaluation of the course:

Response of Course Team

بالنسبة للدكتور فتحى عيد السلام: تم عرض الهدف من المقرر بوضوح مع اعلان محتوى المقرر الالتزام بالموعد المحدد للمحاضرة و الجدول المعلن و الالتزام بمحتوى المقرر تشجيع الطلاب على الاسئلة و لا يهدر وقت المحاضرة بما هو خارج المقرر أما بالنسبة للدكتور ابراهيم

تم الاطلاع على التقرير و سوف نراعيه فى الاعوام التالية بالحرص على تفادى السلبيات

7- Comments from external evaluator(s):

Response of Course Team

باقى نقاط الاستبيان تحتاج للتحسين

مراعاة زيادة نقاط القوة و تقليل السلبيات قدر المستطاع

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

9- Action Plan for this Academic Year 2012 - 2013

Actions Required	Completion Date	Person Responsible
ادخال التطبيقات الهندسية على المقرر	الاعوام القادمة	اساتذة المقرر

Course Coordinator:

Prof. Mohamed Ismail Mohamed Hussein
Dr. Ibrahim Ahmed AlBastawisi Sakr
Dr. Fathi AbdulSalam AbdulSalam Hussein

Signature:

Date:

D	M	Y
	8	2012