COMPUTER ENGINEERING AND INFORMATION TECHNOLOGY B.SC.

ANNUAL PROGRAM REPORT

2012-2013

Contents

Program Report

November 2013

1. General

1.1 Basic Information

1- **Program title:** Computer Engineering and Information Technology
2- **Program type:** Single.
3- **Department offering the program:** Computer Engineering and Information Technology Dept.
4- **Co-coordinator:** Prof. Dr. Said Gawish
5- **External evaluators:**
Prof. Aly Aly Fahmy, Ex Dean, Faculty of Computer and Information, Cairo University
Prof. Mohammed Fahmy Tolba, Professor, Faculty of Computer and Information , Ain Shams University
6-Year of operation: 2001-2002

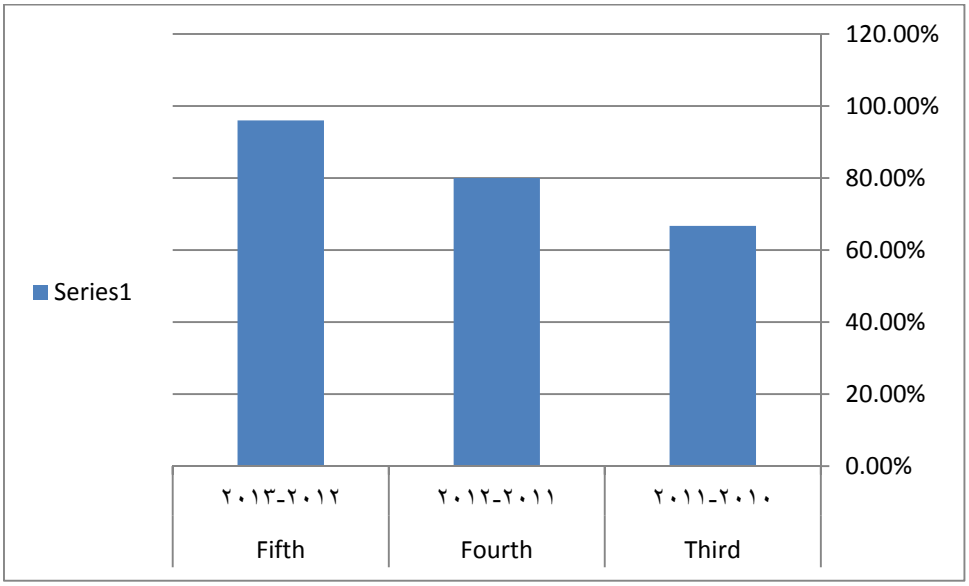
2. Professional Information

2.1 Statistics

1. No. of students starting the program at 2010-2011: 55 (students accepted in the Academy the academic year 2008-2009 were 1309 students with a ratio 5%)
2. No. and percentage of students passing in each year/level/semester for the students graduated in 2011

Table (1): Number and percentage of students passing in each year/level/semester

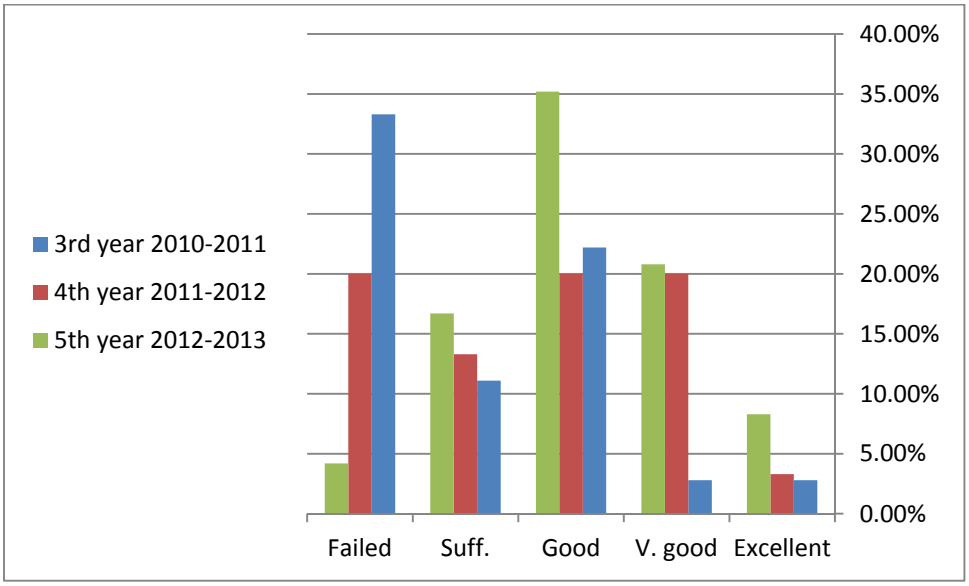
Year		Number of students	No of passing Students	Percentage of passing students
Third	2010-2011	36	24	66.7%
Fourth	2012-2013	30	24	80%
Fifth	2012-2013	24	23	96 %



3. Grading: No. and percentage in each grade

Table (2): No. and percentage of students passing in each grade

Year	No. of Students	Excellent	V. good	Good	Suff.	Failed	Pass with subjects
3rd year 2010-2011	36	1	1	8	4	12	10
%	100%	2.8%	2.8%	22.2%	11.1%	33.3%	27.8%
4th year 2012-2013	30	1	6	6	44	6	7
%	100%	3.3%	20%	20%	13.3%	20%	23.3%
5th year 2012-2013	24	2	5	11	4	1	1
%	100%	8.3%	20.8%	35.2%	16.7%	4.2%	4.2%



Academic year	Number	Percentage
students joining the program on Sept 2010	36	100%
students completing the program at May 2013	22	62%
students completing the program at Nov 2013	1	3%
Total Number of students completing the program at 2013	23	65%

Table (3): No. and percentage of students passing in each grade -5th year

Year	Excellent		V. good		Good		Sufficient		failed	
	No.	%	No.	%	No.	%	No.	%	No.	%
5th year 2012-2013	2	8.3%	5	20.8%	11	35.2%	4	16.7%	1	4.2%

6-First destinations of graduates:

i. Proceeded to appropriate employment %	Not available
ii Proceeded to other employment %	Not available
iii Undertaken postgraduate study %	Not available
iv. Engaged in other types of activity %	Not available
v. Unknown first destination %	Not available

2.2 Academic Standards

2.2.1 Achievement of program intended learning outcomes, ILO's:

2nd year electrical engineering

Code	Course Title	Knowledge & Understanding	Intellectual Skills	Practical & Professional Skills	General &Transferable Skills
		A	B	C	D
B 211	Mathematics (3)	1.2.4.5.10.11	1.3.4.9.11	1.3.6.11	3.7.8.9
E 201	Elect. Circuit Analysis 1	1.2.4.5.1.11	1.3.4.7.9.11	1.3.6.11	3.7.8.9
B 221	Physics (3)	1.3.5.7.12	1.3.4.6.8.9	1.2.3.10	2.5.7.8.9
A 060	Civil Eng. Technology	5.8.12	2	1.13	3
E 210	Computer Programming (1)	2.5.7.9.14.15.16.17. 18	1.2.3.4.7.9.12.13. 14.16.17.18	1.2.3.4.5.6.11.1 3.14.15.16	1.2.4.6.7.9
E 240	Data Structures	1.4.10.13.14.15.16	2.3.13.14	1.7.8.10.14.15.1 6	3.5
E 220	Instrumentation & Measurement (1)	1.3.5.8.10	2.3.5.6	2.5.10.11.14	5.8.9
B 200	English Lang (3)	2.6.7.8.9.10.11.12.1 3.14.15.16	4.9.10.11.12.15	3.4.7.8.9.10.11. 12	1.2.3.4.5.6.7.8. 9
B 212	Mathematics (4)	1.2.4.5.40.12	1.3.4.7.9.11	1.3.6.11	3.7.8.9
E 202	Electric Circuits Analysis(2)	1.2.3.4.5.6.7.8.9.10. 11.12	1.2.3.4.5.6.8.9.12 .17	1.2.3.4.5.13	4.7.9
E 212	Digital Logic Circuits	13.14.15	1.11.13.14	1.2.3.4.13.	4.7.9
M 051	Mechanical Eng. Technology	1.2.3.4.5.8.10.11	1.2.3.4.5.9.12.13. 15.	1.6.7.12	1.2.9
E 222	Physics (4)	1.3.5.7.12	1.3.4.6.8.9	1.2.3.9.10	2.5.7.8.9
E 213	Computer Programming (2)	.5.7.9.14.15.16.17.1 8	1.2.3.4.7.9.12.13. 14.15.15.16.17.1 8	1.2.3.4.5.6.11.1 3.14.16	1.2.4.6.7.9
B 202	History of Science & Technology	5.6.9.12	3.45.9.10.12	4.7.8.9	1.2.3.6.7.8.9
B 221	Instrumentation & Measurement (2)	1.3.5.8.10.	2.3.5.6	2.5.10.11.14	5.8.9

3rd year computer

Code	Course Name	Knowledge & Understanding	Intellectual Skills	Practical & Professional Skills	General &Transferable Skills
		A	B	C	D
B 311	Mathematics (5)	1.2	1.3.	1.	3.7.9
E 301	Micro-Electronics - 1	2.412.13.	2.3.5.13	1.2.3.5.7.10	7..8.9
E 361	Operating Systems (1)	4.8.12.13.15	45.13.16.17.18	2.3.6.9.11.12.14 .15	1.3.6.7.9
E 321	Digital Logic Circuits Design	13.14.15	1.11.13.14	1.2.3.4.5.13	4.7.9
E 333	Data Base Systems	.2.3.4.5.9.13.14.17.	1.2.3.4.5.7.8.12.14 .15.16	1.2.3.4.7	1.3.8.9
B 300	English Lang (4)	2.6.7.8.9.1011.12	4.9.10.11.21.15	3.4.7.8.9.10.11. 12	1.2.3.4.5.6.7.8. 9
E 330	Computer eng. Applications (1)	2.6.13.14.15.16	6.8.16	1.5.8.9.10.13.14	3.4
E 302	Micro Electronic (2)	2.4.12.13	2.3.5.13	1.2.3.5.7.10	7.8.9
E 303	Digital Signal Processing	2.4.15.16	2.3.5.13	1.3.5.10.12	7.8.9
E 362	Electrical Machines & Power Systems	4 , 5 , 12 , 13	1 , 2 , 3 , 5 , 16	1 , 2 , 3 , 5 , 12	3 , 9
E 351	Control Engineering(1)	4.12.13	1.2.3.5.7.11.12.17	1.2.3.7.8	6.7.9
M 360	Industrial Psychology	4,6,9,11	3,5,9	2,4,8	1,2,6,9
E 331	Computer eng. Applications (2)	2.6.14.13.15.16	6.8.16	1.5.8.9.10.13.14	3.4
E 399	Project	4.5.10.13.	2.7.16	1.3.5.10.12	1.2.3.6.7.8.9

4th year computer

Code	Course Name	Knowledge & Understanding	Intellectual Skills	Practical & Professional Skills	General &Transferable Skills
		A	B	C	D
B 411	Mathematics (6)	1.5	1.2.7.8	1.6	1
E 414	Computer Architecture (1)	4.5.13.15.16	3.4.13.16.17.18	3.11.12.13.14.15.16	4.6.9
E 421	Microprocessor Based System (1)	2.4.5.8.10.12.13.15.16.17	3.4.5.7.8.9.12.14.17.18	1.2.3.4.5.12.13.15	1.2.3.4.5.6.7.8.9
B 401	Environmental Science & Technology	2.5.68.9.11.12	3.4.5.9.10.12	5.7.8.9.12	1.2.3.5.6.7.8.9
E 461	Operating Systems (2)	4.8.12.13.15.	4.5.13.16.17.18	2.3.6.9.11.12.14.15	1.3.6.7.9
E 431	Computer organization	2.3.13.14.15.16	6.8.16	1.5.8.9.10.13.14	3.4
E 451	Digital Image Processing	2.5.11.12.13.15.16.17	1.3.4.5.8.12.13.14.17	1.12.5.12.13.15	3.4.5
E 412	Information Systems	2.3.5.6.7.8.9.13.14.15.16.	2.3.4.5.6.8.9.10.13.15.16.17	1.4.6.8.9.10.11.12.13.14.16	1.2.3.4.5.6.7.8.9
E 460	Software Engineering	4.6.8.11.15.17	1.2.3.8.10.12.13.15	1.2.5.13.15	1.2
E 422	Microprocessor Based System (2)	2.4.5.8.10.12.13.15.16.17	3.4.5.7.8.9.12..14.17.19	1.2.3.4.5.12.13.15	1.2.3.4.6.7.8.9
E 432	Electronic Measurements	1.2.3.4.5.6.7.8.9.10.11.12	1.2.3.4.5.6.8.9.12.17	1.2.3.4.5.13	4.7.9
B 412	International Business Management	5.6.7.8.9.11	4.5.7.9.10.12	3.4.8.9.11.12	1.2.3.4.5.6.7.8.9
E 462	Computer Graphics	2.4.5..8.15.16	1.2.4.12.17.18	1.2.13.15	1.7
E400	Summer Training	4.5.10.13	2.7.16	1.3.5.10.12	1.2.3.6.8.9

5th year computer

Code	Course Name	Knowledge & Understanding	Intellectual Skills	Practical & Professional Skills	General &Transferable Skills
		A	B	C	D
M 561	Engineering Economy	1.2.5.11	1.2.3.4.5.9.12.15	1.6.7.12	1.2.9
E 512	Computer Architecture (2)	4.5.13.15.16	3.4.13.16.17.18	3.11.12.13.14.15	4.6.9
E 521	Distributed Comp. Systems	2.6.13.14.15.16	6.8.16	1.5.8.9.10.13.14	3.4
E 530	Data Transmission &Computer Networks (1)	13.15.17	1.8.10.12.17.18	12.14	4.5
E 515	Advanced Computer Systems	2.6.13.14.15.16	6.8.16	1.5.8.10.13.14	3.4
E 538A	Elective Course (A) –Power electronics	5.6.12.	2.7.11	1.3.5.13.15	9
B 512	Laws and Regulations for Engineers	5.48.9.11	3.5.9.10.12	7.8.9.11	1.2.3.7.8.9
E 504	Artificial Intelligence	4.13.14.15	2.3.14.17.18	3.11.12.14.15	4.6.9
E 531	Data transmission & computer networks (2)	13.15.17	1.8.10.12.17.18	12.14	4.5
E 534	Computer Performance Evaluation	1.5.14.15.16.17	2.3.4.14.17.18	3.11.13.14.15	4.6.9
E 538B	Elective Course (B) (Modeling and Simulation, ANN)	4.5.13.15.17	3.4.12.14.17.18	1.3.10.12.13	4.5.6.8
E 599	Project	4.5.10.13	2.7.16	1.3.5.10.12	1.2.3.6.8.9

Reviewing the previous tables we observe that the program intended learning outcomes are covered in all courses taught in the program.

The table depicts Computer Engineering and Information Technology courses

Year	Term	Code	Title
First Year	First Term	B101	English Language (1)
		B111	Mathematics (1)
		B121	Mechanics (1)
		B131	Physics (1)
		B141	Chemistry
		E111	Introduction to Computers (1)
		M150	Engineering Drawing(1)
		M160	Production Eng. (1)
	Second Term	B102	English Language (2)
		B112	Mathematics (2)
		B122	Mechanics (2)
		B132	Physics (2)
		B142	Descriptive Geometry
		E112	Introduction to Computers (2)
		M151	Engineering Drawing (2)
		M161	Production Eng. (2) Workshop
Second Year	First Term	A060	Civil Eng. Technology
		B200	English Lang (3)
		B211	Mathematics (3)
		B221	Physics (3)
		E201	Elect. Circuits Analysis -1
		E210	Computer Programming (1)
		E212	Digital Logic Circuits
		E220	Instrumentation & Measurement (1)
	Second Term	B202	History of Science & Technology
		B212	Mathematics (4)
		B222	Physics (4)
		E202	Electric Circuits Analysis(2)
		E213	Computer Programming (2)
		E221	Instrumentation & Measurement (2)
		E240	Data Structures
		M051	Mechanical Eng. Technology

Third Year	First Term	B300	English Lang (4)
		B311	Mathematics (5)
		E301	Micro-Electronics - 1
		E321	Digital Logic Circuits Design
		E330	Computer Applications (1)
		E351	Control Engineering(1)
		E361	Operating Systems (1)
	Second Term	E302	Micro Electronic (2)
		E303	Digital Signal Processing
		E331	Computer Applications (2)
		E333	Data Base Systems
		E362	Electrical Machines & Power Systems
		E399	Project
		M360	Industrial Psychology
Fourth Year	First Term	B401	Environmental Science & Technology
		B411	Mathematics (6)
		E414	Computer Architecture (1)
		E421	Microprocessors (1)
		E451	Digital Image Processing
		E461	Operating Systems (2)
	Second Term	B412	International Business Management
		E400	Summer Training
		E412	Information Systems
		E422	Microprocessor Based System (2)
		E432	Electronic Measurements
		E460	Software Engineering
		E462	Computer Graphics
Fifth Year	First Term	E512	Computer Architecture (2)
		E515	Advanced Computer Systems
		E521	Distributed Comp. Systems
		E530	Data Transmission &Computer Networks (1)
		E538A	Elective Course (A)
		M561	Engineering Economy
	Second Term	B512	Laws and Regulations for Engineers
		E504	Artificial Intelligence
		E531	Data transmission & computer networks (2)
		E534	Computer Performance Evaluation
		E538B	Elective 9Course (B)
		E599	Project

مواد قسم هندسة الحاسبات

Course Title	Course Code
Introduction to Computers (1)	E111
Introduction to Computers (2)	E112
Computer Programming (1)	E210
Computer Programming (2)	E213
Data Structure	E240
Computer Applications (1)	E330
Operating Systems (1)	E361
Digital Signal Processing	E303
Computer Applications (2)	E331
Data Base Systems	E333
Project	E399
Computer Architecture (1)	E414
Microprocessors (1)	E421
Digital Image Processing	E451
Operating Systems (2)	E461
Information Systems	E412
Microprocessor Based System (2)	E422
Software Engineering	E460
Computer Graphics	E462
Computer Architecture (2)	E512
Advanced Computer Systems	E515
Distributed Comp. Systems	E521
Data Transmission &Computer Networks (1)	E530
Elective Course (A)	E538A
Artificial Intelligence	E504
Data transmission & computer networks (2)	E531
Computer Performance Evaluation	E534
Elective 9Course (B)	E538B
Project	E599

مواد قسم هندسة الاتصالات

Course Title	Course Code
Elect. Circuits Analysis	E201
Digital Logic Circuits	E212
Instrumentation & Measurement (1)	E220
Electric Circuits Analysis(2)	E202
Instrumentation & Measurement (2)	E221
Micro-Electronics	E301
Digital Logic Circuits Design	E321
Control Engineering(1)	E351
Micro Electronics (2)	E302
Digital Signal Processing	E303
Digital Signal Processing	E303
Electronic Measurements	E432

مواد قسم علوم اساسية

Course Title	Course Code
English Language (1)	B101
Mathematics (1)	B111
Mechanics (1)	B121
Physics (1)	B131
Chemistry	B141
English Language (2)	B102
Mathematics (2)	B112
Mechanics (2)	B122
Physics (2)	B132
Descriptive Geometry	B142
English Lang (3)	B200
Mathematics (3)	B211
Physics (3)	B221
History of Science & Technology	B202
Mathematics (4)	B212
Physics (4)	B222

مواد قسم هندسة التصنيع

Course Title	Course Code
Engineering Drawing(1)	M150
Production Eng. (1)	M160
Engineering Drawing (2)	M151
Production Eng. (2) Workshop	M161
Mechanical Eng. Technology	M051
Industrial Psychology	M360
Engineering Economy	M561

مواد قسم هندسة العمارة

Course Title	Course Code
Civil Eng. Technology	A060

Comments of external evaluator and other stakeholders

Comments and replies are stated in the program report of 2010 - 2011

2.3 Achievement of program aims

By reviewing the achievement of program aims covered by the achievement of the different educational aims in the courses, which vary according to the educational purpose of the course we observed total achievement of program aims which are:

a) Apply knowledge of mathematics, science and engineering concepts to the solution of engineering problems.
b) Design a system, component and process to meet the required needs within realistic constraints.
c) Design and conduct experiments as well as analyze and interpret data.
d) Identify, formulate and solve fundamental engineering problems.
e) Use the techniques, skills, and appropriate engineering tools, necessary for engineering practice and project management.
f) Work effectively within multi-disciplinary teams.
g) Communicate effectively.
h) Consider the impacts of engineering solutions on society & environment.
i) Demonstrate knowledge of contemporary engineering issues.
j) Display professional and ethical responsibilities; and contextual understanding
k) Engage in self- and life- long learning.
l) Demonstrate inductive reasoning abilities, figuring general rules and conclusions about seemingly unrelated events
m) Use current advanced techniques, skills, and tools necessary for computing practices to specify, design, and implement computer-based systems.
n) Recognize the information requirements of various business activities on both operational and decision making levels.
o) Tackling business problems using system analysis tools and techniques.
p) Managing projects related to computer systems in diverse fields of applications.
q) Implementing phases of the computer system development life cycle, procurement and installation of hardware, software design, data manipulation and system operations.

These program aims are covered by the achievement of the different educational aims in the courses, which vary according to the educational purpose of the course. We observe total achievement of program aims.

2.4 Assessment methods

- The department depends in evaluating the students on various methods such as final exam, midterm exam, oral exams, weekly sheets, practical exam &researches, according to the course structure and assessment methods mentioned in courses specifications.
- The exam must cover the intended learning outcomes mentioned in the course specification and the department is keen on revising the exam sheet which must cover at least 80 % of the course content.

- The final grade awarded to student in a course is usually based on the grades for both final exam and semester work and for some courses practical exam is required.

2.5 Student achievement

- The results of students completing the program throughout different levels reveals that the ratio of students passing successfully is almost stabilized at reasonable ratio.

Comments of external evaluator and other stakeholders:

- All comments of external reviewers and responses are stated in the first annual program report (2010-2011.

2.6 Quality of teaching and learning

Comments of external evaluator and other stakeholders including students

- The Academy adopt methods of teaching and learning based on traditional patterns of education courses that meet the goals and targets that are taught in accordance with the approved list.
- The formation of a committee of faculty members to study the distribution of subjects on the members of staff in accordance with the teaching specialty to ensure the quality of teaching and learning.
- The diversity in summer training programs according to the variables and labor market needs and requirements of the parties outside the academy.

- The development of strategies and announcements of the Department through regular weekly meetings with faculty members and teaching assistants to develop and discuss the plan of action and put forward solutions to problems that are reviewed.
- Some of the decisions are being taken corrective performance in the department as the results of self-evaluation.
- Ongoing work of the internal audit and continuous assessment tasks.

2.7 Effectiveness of student support systems

Commentary on both academic and pastoral/personal support for all students

- Motivate outstanding students to participate in cultural activities and attending scientific conferences and by giving additional marks.
- A system was developed to solve the problems of students through the distribution of the responsibility on the faculty members to quickly resolve the problem and follow-up the complaints and to respond in a specific period.
- The periodic meeting with students' representatives to quickly solve problems of students.
- Students participate in regular and random department meetings and given the opportunity to explain their problems and views.
  There is a schedule of final revision for the studied courses at the end of each semester to assist low and middle caliber students.
  Students are helped in the case of special circumstances such as cases of the disease, the death of a parent, injuries during an incident, by taking into account the circumstances of each

case in providing the requirements of this year, especially in materials that rely on semester marks and attendance.
Encourage students to manage, and organize cultural activities
Establishing a database for students and save all the data and grades of the year in electronic archive for each student

2.8 Learning resources

A. No. and ratio of faculty members and their assistants to students

- Staff members and the assistants (Appendix 1 - Program Specification)

B. Matching of faculty members' specialization to program needs.

- All the Staff members are Qualified and they are adapted with the program requirements. (Appendix 1 - Program Specification)

C. Availability and adequacy of program handbook

- The program specification is explained to the students attending the program through interviews with the students, in addition there are lecture notes for most of the courses available to the students.

D. Adequacy of library facilities.

- The academy scientific library is annually refurbished with the books needed for enriching the specialty according to the budget. Yet the number of books is not enough for the students.

E. Adequacy of laboratories

The department has two computer laboratories each of 60 computers.

F. Adequacy of computer facilities

- Labs are in need of increase of the instruments to cope with the increasing number of students attending the program.
- Renovation of the architecture software packages periodically.

G. Adequacy of field/practical training resources

- The department is keen on the compatibility of the summer training programs with the program specification and the requirements of the labor market. Care to provide opportunities for all students of the department with the diversity of training sites.
- It is difficult to schedule training on two months during the summer vacation for several reasons, a large number of students focus on training outside Egypt and in the month of Ramadan which come in August, where it is difficult for students to attend it.

H. Adequacy of any other program needs None

2.9 Quality management

A. Availability of regular evaluation and revision system for the program

There is a unit for Quality Assurance in the department began its course of action by doing self-assessment to the department at the end of the academic year 2009/2010, in order to identify the strength points and to identify and treat the weaknesses (SWOT). The views of all interested parties (faculty members and their assistants, students and the administrative bodies and representatives of civil society) in the courses and the educational process have been explored, and sample of students has been taken (10%) of the total number of students the college. As for the faculty members they were asked all and for the administrative apparatus the sample (30%) of the total number has been analyzed. The results of the poll were statistically analyzed then a view of these results was discussed with the College Board to take decisions on further development.

The results of self-evaluation and quality management
Reflection of the results of self-evaluation of the department performance on quality management

Work is already underway to make some decisions for corrective overall performance of the department in light of the results of self-evaluation Examples of such decisions:

- The work of the internal audit and continuous assessment with identified tasks.
- Work is permanently and continuously to develop the capacity of faculty members.
- The department is interested in students and alumni, and follows up their proceeding in the labor market, to improve the outcomes and competitive position within the community.

Strengthening activities for Quality Management It was possible to identify some areas for future promotion and development in the light of the results of self-evaluation of the performance of the department and of these areas.

Strengthening the quality management in the department through:

- The continued development of the courses objectives with global trends.
- Developing the skills of the administrative apparatus in the use of technology.
- Prepare an annual plan for periodic maintenance of institutional facilities.

B. Effectiveness of the system

The quality management system is effective since there are:

- Quality management regulations.
- Feedback for the program evaluation.
- Corrective actions for program flaws.

C. Effectiveness of Faculty and University laws and regulations for progression and completion

There is a quality section in the department which a subordinate from the quality centre of the Academy. Its role is to monitor and assure the implementation of the quality measures in the department.

D. Effectiveness of program external evaluation system:

I- External evaluators

The department program is evaluated by two qualified external evaluators.

II- Students

The program courses, the teaching methods and the assessment methods are evaluated by the students each semester by questionnaires handed to a percentage of students for each

course. As for the alumni there is a questionnaire done to a percentage of them to evaluate the whole program.

III- Other stakeholders

At the end of the academic year there is an annual meeting for the stakeholders and representatives of the civil community for the reconnaissance of their evaluation to the academic year.

E. Faculty response to student and external evaluations

All the external evaluator's comments were taken in consideration and are stated with the department response in the "Program Specification".

There is an action plan set to be implemented in the following academic year.

3. Proposals for program development

A. Program structure (units/credit-hours)

The department has submitted a proposal for credit hours system and pending approval of the application.

B. Courses, deletions and additions and modifications

The course coordinator can modify some of the contents of the curriculum without changing the major aims of the course which is approved by The Academy. This change is done by reference to the department council.

There is a variety of elective courses chosen by students within the last 4 semesters in the program.

C. Staff development requirements

No requirements.

4. Progress of previous year's action plan

Action Identified	Person Responsible	Progress of action
Staff Training	Training Department	Partially done

5. Action plan

Action required	Person Responsible	Completion Date
Complete staff Training	Training Department	September 2013

Program Coordinator: Prof. Dr. said Gawish

Signature:

APPENDIX 1

ANNUAL COURSE REPORTS

2012-2013

Annual Course Report
Academic year 2012-2013

A- Basic Information

1- Title and code: B101: English Language (I)
2- Program(s) on which this course is given: General
3- Year/Level of program: First year / 1st Semester
4- Unit hours 2
Lectures hrs Tutorial 2 hrs Total 2 hrs
5- Names of lecturers contributing to the delivery of the course
Abdel-Hamid Mohammed El-Khoreby
Course coordinator : Abdel-Hamid Mohammed El-Khoreby
External evaluator None

B- Statistical Information

No. of students attending the course: **No1450** **%** 100
No. of students completing the course: **No 1365** **% .** 515
Results:

	No.	%
Passed	391	28.64
Failed	66	4.83

Grading of successful students:

	No.	%
Excellent	268	19.63
Very Good	336	24.62
Good	304	22.27
Pass	391	28.64

C- Professional Information
1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Engineering – what is it all about?	6	Prof. Dr. Abdel – Hamid El-Khoreiby .
• Alfred Nobel	10	
• The infinitive and the -ing form	2	
• Subject verb agreement	8	
• Revision	4	
Total hours	**30**	

Topics taught as a percentage of the content specified:

>90 % √ **70-90 %** - **<70%** 100%

Reasons in detail for not teaching any topic None

If any topics were taught which are not specified, give reasons in detail None

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board

Practical training/ laboratory: None

Seminar/Workshop: None

Class activity:

A monthly discussion of what is given in the previous weeks.

Case Study: None

Other assignments/homework: Bi-weekly assignments

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

None

3- Student assessment: Through Quizzes, midterm Exams and attendance reports

Method of assessment	**Percentage of total: 30%**
Written examination	70 %
Oral examination	**----**
Other assignments/class work	10 %
Mid-Term Exam	20 %
Total	**100 %**

Members of examination committee Prof. Dr. Abdel-Hamid Mohammed El-Khoreby
Prof. Dr. Hassan Awad

Role of external evaluator None

4- Facilities and teaching materials: **Dictionaries, Tape recorders….etc**

Totally adequate	**.Yes.**
Adequate to some extent	**……**
Inadequate	**……**

List any inadequacies

None

5- Administrative constraints

List any difficulties encountered

- None

6- Student evaluation of the course: **Response of course team**

List any criticisms

7- Comments from external evaluator(s):

External evaluator:

An external experienced person in the field of specialization who is invited to review the structure and content of a program, its relevance to the ILOs, the standards and appropriateness of student assessments and attainment against the specification, and also evaluating the existing learning resources and whether or not they satisfy the program requirements. The institution is responsible for specifying the evaluators' role and appointing them.

State the involvement of the external evaluator in:

- The match between the examination and the topics taught.
- The existence of grading criteria in examination sheets
- The allocation and distribution of marks and weighting
- Effectiveness of the overall assessments in measuring the achievement of the intended learning outcomes (ILOs).

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None
Action State whether or not completed and give reasons for any none-completion None

9- Action plan for academic year 2013– 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Abdel-Hamid Mohammed El-Khoreby

Signature:
Date: October 2013

Annual Course Report
(Academic Year 2012-2013)

A- Basic Information

1- Title and code: Math. I, Differential Calculus and Modern Algebra (B111)
2- Program(s) on which this course is given: General
3- Year/Level of program: 1st Year (General) 1st Semester
4- Unit hours
Lectures 4 hrs Tutorial 2 hrs Practical -hr Total 6 hrs

5- Names of lecturers contributing to the delivery of the course
Prof. Dr. M. El-Maddah , Prof Dr. O. Elgayar, Prof Dr. Aly Essway,
A. Prof. Dr. M. Khalifa
Course coordinator A. Prof. Dr. M. Khalifa
External evaluator

B- Statistical Information

No. of students attending the course: **No.1450 %** 100
No. of students completing the course: **No.1361** 78.69
Results:

	No.	%
Passed	652	47.91
Failed	290	21.4

Grading of successful students:

	No.	%
Excellent	61	4.48
Very Good	133	9.77
Good	225	16.53
Pass	652	47.91

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Function limit continuity	6	Prof. Dr. M. El-Maddah , Prof Dr. O. Elgayar, Prof Dr. Aly Essway,
• Derivatives	8	
• Inverse function and trigonometric function	6	
• Exponealial and Logarithmic function	6	
• Hyperpolic and inverse hyperbolic functions	7	
• Application of differential calculus	12	
• Sets	**6**	Prof. Dr. M. Khalifa
• Elements of Mathematical logic	**10**	
• Relation	**8**	
• Mappings	**9**	
• Algebraic structure – Groups - Rings Fields	**12**	
and applications		
• Total	**90**	

Topics taught as a percentage of the content specified:
>90 % 100 **70-90 %** ☐ **<70%** ....
Reasons in detail for not teaching any topic None

If any topics were taught which are not specified, give reasons in detail None

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and computer supported learning

Practical training/ laboratory:

Seminar/Workshop: None

Class activity:

Numerical exercises

Case Study: Selected case studies

Other assignments/homework: By-weekly assignments

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

None

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	70 %
Oral examination	**----**
Practical/laboratory work	%
Other assignments/class work	10 %
Mid-Term Exam	20%
Total	**100 %**

Members of examination committee Prof. Dr. M. Elmaddah
A.Prof. Dr. M. Khalifa

Role of external evaluator None

4- Facilities and teaching materials:

Totally adequate	**Yes**
Adequate to some extent	……
Inadequate	……

List any inadequacies

None

5- Administrative constraints

List any difficulties encountered

- Limitation of number of data show in the principal building

6- Student evaluation of the course:

List any criticisms	**Response of course team**
1. Problems with the teaching assistant in exercises	New teacher assistant will be engaged the next academic year.
2. A proposal to extend the subject and lecture it in two successive semesters	The actual content and number of lecturing hours are convenient now, considering the re-determined graduate profile

7- Comments from external evaluator(s):

External evaluator:

An external experienced person in the field of specialization who is invited to review the structure and content of a program, its relevance to the ILOs, the standards and appropriateness of student assessments and attainment against the specification, and also evaluating the existing learning resources and whether or not they satisfy the program requirements. The institution is responsible for specifying the evaluators' role and appointing them.

State the involvement of the external evaluator in:

- The match between the examination and the topics taught.
- The existence of grading criteria in examination sheets
- The allocation and distribution of marks and weighting
- Effectiveness of the overall assessments in measuring the achievement of the intended learning outcomes (ILOs).

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any none-completion None

9- Action plan for academic year 2013– 2014

Actions required	Completion date	Person responsible
None		A.Prof. Dr. M. Khalifa

Course coordinator: A.Prof. Dr. M. Khalifa

Signature:

Date: October 2013

Annual Course Report
(Academic Year 2012-2013)

A- Basic Information

Title and code: *B121: Mechanics (I)*
2- Program(s) on which this course is given: General
3- Year/Level of program: First year / First term
4- Unit hours
Lectures 2 hrs Tutorial 1hrs Practical 0hr Total 3hrs
5- Names of lecturers contributing to the delivery of the course
: Prof. Dr. Hassan Awad
Course coordinator: Prof. Dr. Hassan Awad
External evaluator : None

B- Statistical Information

No. of students attending the course: **No. 1405 %** 100
No. of students completing the course: **No. 997 73.21**
Results:

	No.	%
Passed	715	52.50
Failed	265	26.8

Grading of successful students:

	No.	%
Excellent	37	2.72
Very Good	87	6.39
Good	158	11.60
Pass	715	52.50

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Basic Concepts of statics	*2*	Prof. Dr. Hassan Awad Prof. Dr. Mahmoud El-Maddah
• *Resultant of concurrent forces in plane*		
• *Representation of force vector in space*	*2*	
• *Resultant of concurrent forces in space*		
• *Equilibrium of a particle (in plane and in space)*	*4*	
• *Different types of support in plane*		
• *Distributed leads*	*2*	
• *Equilibrium of rigid body in plane*	*4*	
• *Different types of supports in space*		
• *Equilibrium of rigid body in space*	*4*	
• *Special cases of two, three and four force members*	*2*	
• *Graphical solution of mechanisms*	*2*	
• *Analysis of Trusses by the method of joints and by the method of sections.*	*6*	
• *Final Revision*	*2*	
Total hours	*30*	

Topics taught as a percentage of the content specified:

>90 % 100 **70-90 %** ☐ **<70%** ….

Reasons in detail for not teaching any topic
If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures:
Practical training/ laboratory:

Seminar/Workshop:
Class activity:

Case Study:

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	70 %
Oral examination	**----**
Practical/laboratory work	
Other assignments/class work	15 %
Mid-Term Exam	15 %
Total	**100 %**

Members of examination committee Prof. Dr. Hassan Awad
Prof. Dr. Mahmoud El-Maddah

Role of external evaluator None

4- Facilities and teaching materials:

Totally adequate	**.Yes.**
Adequate to some extent	**100%**
Inadequate	**……**
List any inadequacies	None**5- Administrative constraints**
List any difficulties encountered	

- New assistants needs more preparation

6- Student evaluation of the course: List any criticisms	Response of course team
➢ New assistants make some mistakes in solution of problems	New assistants attend lectures and all exercises are Supervised by professors

7- Comments from external evaluator(s):

External evaluator:

An external experienced person in the field of specialization who is invited to review the structure and content of a program, its relevance to the ILOs, the standards and appropriateness of student assessments and attainment against the specification, and also evaluating the existing learning resources and whether or not they satisfy the program requirements. The institution is responsible for specifying the evaluators' role and appointing them.

State the involvement of the external evaluator in:
- The match between the examination and the topics taught.
- The existence of grading criteria in examination sheets
- The allocation and distribution of marks and weighting
- Effectiveness of the overall assessments in measuring the achievement of the intended learning outcomes (ILOs).

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any none-completion None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
Preparation of the course by new assistants	N	Prof. Dr. Mahmoud El-Maddah

Course coordinator: **Prof. Dr. Hassan Awad**
Signature:
Date: October 2013

Annual Course Report
Academic year 2012-2013

A- Basic Information

1- Title and code: B131 Physics (I) (Properties of matter ,heat ,thermodynamics and sound waves)

2- Program(s) on which this course is given: General

3- Year/Level of program: 1 st. Year, 1 st. Term.

4- Unit hours

Lectures 4 hrs Tutorial 0 - Practical 2hr Total 6 hrs

5- Names of lecturers contributing to the delivery of the course

Prof. Dr. M. El-Tawab Kamal.
Prof. Dr. Abo Elyazeed Badawy Abo Elyazeed.
Course coordinator : Dr. M. El Tawab Kamal.
External evaluator : None

B- Statistical Information

No. of students attending the course: **No. 1405** **%** 100

No. of students completing the course: **No. 1131** **%** 82.92

Results:

	No.	%
Passed	628	46.04
Failed	233	17.08

Grading of successful students:

	No.	%
Excellent	59	4.33
Very Good	143	10.48
Good	301	22.07
Pass	628	46.04

C- Professional Information

1- Course teaching

Topic	Lecture hours	Tutorial hours	Practical hours
• Units and dimensions	*4*		*2*
• *Properties of matter*	*4*		*2*
• *Gravitation*	*4*		*2*
• *Gravitation, Heat and the First law of thermodynamics*	*4*		*2*
• *Heat and the First law of thermodynamics, The Kinetic theory of gases*	*4*		*2*
• *The Kinetic theory of gases, Entropy and the second law of thermodynamics*	*4*		*2*

• *Entropy and the second law of thermodynamics, Simple, Free damped, Forced Oscillations and circular motion*	*4*		*2*
• *Simple, damped, and Forced Oscillations*	*4*		*2*
• *Simple, damped, and Forced Oscillations Wave Motion,*	*4*		*2*
• *Wave Motion*	*4*		*2*
• *Transverse Mechanical Waves*	*4*		*2*
• Longitudinal Mechanical waves and sound waves	*4*		*2*
• *Longitudinal Mechanical Waves and Sound waves*	*4*		*2*
• *Longitudinal mechanical waves and sound waves*	*4*		*2*
• *Ultrasonic Waves*	*4*		*2*
Total hours	**60**		**30**

Topics taught as a percentage of the content specified:

>90 % [ ] **70-90 %** [√] **<70%** [------]

Reasons in detail for not teaching any topic: Permitted hours is not enough.
If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and computer supported learning

Laboratory: Experimental measurements in Lab

Seminar/Workshop: None

Class activity: **YES**

Case Study: Selected case studies

Other assignments/homework: weekly assignments

If teaching and learning methods were used other than those specified, list and give reasons:
None

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	60 %
Oral examination	**----**
Practical/laboratory work	20 %
Other assignments/class work	10 %
Mid-Term Exam	10 %

Total	**100 %**
Members of examination committee	Dr. M. El Tawab Kamal. Dr. Abo El Yazeed Badawy Abo El Yazeed.
Role of external evaluator	None

4- Facilities and teaching materials:

Totally adequate	**.Yes.**
Adequate to some extent	**100**
Inadequate	**-----.**
List any inadequacies :	None

5- Administrative constraints

List any difficulties encountered

- Limitation of number of data show in the principal building
- Limitation of number of operating experiments in the laboratory

6- Student evaluation of the course: **List any criticisms**	**Response of course team**
1. Laboratory exercises are insufficient	This insufficiency is due to occasional defect in some experiments. More experiments will be added next year
2. Problems with the teaching assistant in exercises	New teacher assistant will be engaged the next academic year.
3. A proposal to extend the subject and lecture it in two successive semesters	The actual content and number of lecturing hours are convenient now, considering the re-determined graduate profile

7- Comments from external evaluator(s):

External evaluator:

An external experienced person in the field of specialization who is invited to review the structure and content of a program, its relevance to the ILOs, the standards and appropriateness of student assessments and attainment against the specification, and also evaluating the existing learning resources and whether or not they satisfy the program requirements. The institution is responsible for specifying the evaluators' role and appointing them.

State the involvement of the external evaluator in:

- The match between the examination and the topics taught.
- The existence of grading criteria in examination sheets
- The allocation and distribution of marks and weighting
- Effectiveness of the overall assessments in measuring the achievement of the intended learning outcomes (ILOs).

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any none-completion None

9- Action plan for academic year 2013– 2014

Actions required	Completion date	Person responsible
1. Provide more data show apparatuses	Nov.	Prof. Dr M. El Tawab Kamal
2. Put more experiments in function in the lab.		

Course coordinator: Prof. Dr M. El Tawab Kamal
Signature:
Date: October 2013

Annual Course Report
(Academic Year 2012-2013)

A- Basic Information

1- Title and code: Chemistry, B141
2- Program(s) on which this course is given: General
3- Year/Level of program: First year, First Semester
4- Unit hours
Lectures 2hrs Tutorial 1hrs Practical 1hr Total 4 hrs
5- Names of lecturers contributing to the delivery of the course

Course coordinator Prof. Dr.: Shaban Ragab Gouda
External evaluator None

B- Statistical Information

No. of students attending the course: **No.** **1405** **%** 100

No. of students completing the course: **No.** **1189** 87.43

Results:

	No.	%
Passed	510	37.50
Failed	171	12.58

Grading of successful students:

	No.	%
Excellent	120	8.82
Very Good	220	16.18
Good	339	24.93
Pass	510	37.50

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Gas laws and gas liquifaction	6	Prof. Dr. S. R. Gouda
• Liquid state, Refrigeration & heat pump.	5	
• Electrochemistry & Metallic corrosion.	5	
• Solutions & Antifreezes.	5	
• Thermo chemistry & Fuels & solar heat.	5	
• Water Treatment & Desalination.	5	
• Polymers and Industry	6	
• Fuels and combustion	5	
• Chemistry and Tech. of petroleum	6	
Total hours	48	

Topics taught as a percentage of the content specified:

>90 % 100 **70-90 %** ☐ **<70%** ….

Reasons in detail for not teaching any topic Shortage in Teaching hours available for the course.

If any topics were taught which are not specified, give reasons in detail
None

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board , projectors and Data show

Practical training/ laboratory: Practical training and experimental measurements in Lab

Seminar/Workshop: None

Class activity:
Numerical exercises;

Case Study: Selected case studies

Other assignments/homework: Bi-weekly assignments

If teaching and learning methods were used other than those specified, list and give reasons:
None

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	60 %
Oral examination	**----**
Practical/laboratory work	20 %
Other assignments/class work	10 %
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee Prof. Dr. S. R. Gouda
Prof. Dr. A. M. Abu Talab

Role of external evaluator None

4- Facilities and teaching materials:

Totally adequate	**.Yes.**
Adequate to some extent	**100%**
Inadequate	**……**
List any inadequacies	None

5- Administrative constraints

List any difficulties encountered
None

6- Student evaluation of the course: List any criticisms	**Response of course team**
* A proposal to extend the subject and lecture in two successive semesters	The actual content and number of lecturing hours are convenient now, considering the re-determined graduate profile

7- Comments from external evaluator(s):
External evaluator:
An external experienced person in the field of specialization who is invited to review the structure and content of a program, its relevance to the ILOs, the standards and appropriateness of student assessments and attainment against the specification, and also evaluating the existing learning resources and whether or not they satisfy the program requirements. The institution is responsible for specifying the evaluators' role and appointing them.

State the involvement of the external evaluator in:
- The match between the examination and the topics taught.
- The existence of grading criteria in examination sheets
- The allocation and distribution of marks and weighting
- Effectiveness of the overall assessments in measuring the achievement of the intended learning outcomes (ILOs).

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any none-completion None

9- Action plan for academic year 2013– 2014

Actions required	**Completion date**	**Person responsible**
Provide more data show apparatuses		Prof. Dr. S. R. Gouda

Course coordinator: Prof. Dr. S. R. Gouda
Signature:

Date: October 2013

Annual Course Report
(Academic Year 2012-2013)

A- Basic Information

1- Title and code: E111-Introduction to Computers I
2- Program(s) on which this course is given: 1st year General
3- Year/Level of program: 1st year
4- Unit hours
Lectures 2 hrs Tutorial 0 hrs Practical 2 hr Total 4 hrs
5- Names of lecturers contributing to the delivery of the course
Prof. Dr. Said A. Gawish
Course coordinator Prof. Dr. Said A. Gawish
External evaluator

B- Statistical Information

No. of students attending the course: **No.** 1405 **%** 100
No. of students completing the course: **No. 1270** **%** 93.43
Results:

	No.	%
Passed	606	44.27
Failed	90	6.57

Grading of successful students:

	No.	%
Excellent	67	5.55
Very Good	257	18.77
Good	340	24.84
Pass	606	44.27

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Practical
• Historical overview	2	
• Types of computers	2	
• Indices of computer performance	6	
• Computer components	4	
• Storage media	4	
• Numbering Systems	2	
• Binary arithmetic	4	
• DOS operating system and commands	4	
• Windows operating system	2	
• Text editing		
Total hours	**30**	

Topics taught as a percentage of the content specified:

>90 % √ **70-90 %** ☐ **<70%** ….

Reasons in detail for not teaching any topic Shortage of time

If any topics were taught which are not specified, give reasons in detail None

2- Teaching and learning methods:

Lectures: Using white board and computer

Practical training/ laboratory: Computer labs

Seminar/Workshop: None

Class activity:

Numerical exercises, computer applications

Case Study: None

Other assignments/homework: 2 Homework

If teaching and learning methods were used other than those specified, list and give reasons:
None

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	60 %
Oral examination	**None**
Practical/laboratory work	20 %
Other assignments/class work	10 %
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee Dr. Said A. Gawish
Dr. Adel Khedr

Role of external evaluator None

4- Facilities and teaching materials:

Totally adequate **.Yes.**

Adequate to some extent .....

Inadequate .....

List any inadequacies

5- Administrative constraints

List any difficulties encountered

- **Introducing a sound system in computer labs**

6- Student evaluation of the course: **Response of course team**

List any criticisms

1. The theoretical part is to much
2. The student must learn how to read, this is done in second year
3. Some computer language must be tough

7- Comments from external evaluator(s): **Response of course team**

None **-**

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any none-completion None

9- Action plan for academic year 2013– 2014

Actions required	Completion date	Person responsible
1. Provide a sound system in computer labs		

Course coordinator: Prof. Dr Said A.Gawish

Signature:
Date: October 2013

Annual Course Report
Academic year 2012-2013

A-Basic Information

1- **Title and code :** (M150) Engineering Drawing(1)
Program(s) on which this course is given: General.
2- **Year /Level of program :** 1st year 1st semester
3- **Unit hours**
Lectures 1 hrs **Tutorial** 4 hrs **Practical** — **Total** 5 hrs
4- **Name of lecturers contributing to the delivery of the Course**
Prof. Dr. Mamdouh Saber Elsayed
Course coordinator Prof. Dr. Mamdouh Saber Elsayed
External evaluator

B-Statistical Information

No. of students attending the course: **No.** 1405 **%** 100
No. of students completing the course: **No1226** **% 90.84**

Results:

	No.	%
Passed	654	48.19
Failed	131	9.65

Grading of successful students:

	No.	%
Excellent	68	5.51
Very Good	177	13.04
Good	327	24.10
Pass	654	48.19

C-Professional Information

1- **Course teaching**

Topic Actually taught	No. of hours	Lecturer
Drawing Instruments , Drw sheets, Scales, Folding ,lettering	8	Prof. Dr. Mamdouh Saber Elsayed
Alphabet of lines; Geom. .Construction	8	
Theory of orthographic projection Proj .of point ;line ; plane ;true shape	16	
Projection of geometric solids	8	
Multiview Drawing	8	
Multiview Drawing	8	
Pictorial Drawing (isometric)	8	
Pictorial Drawing (oblique)	8	
Revision Problems	3	
Total hours	75	

Topics taught as a percentage of the content specified:
>90 % 100 **70-90 %** **<70 %** ….
Reasons in detail for not teaching any topic

If any topic were taught which are not specified, give reasons in detail *Non*

2- Teaching and learing methods:

Lectures: Using OHP Black board /White board

Practical training /laboratory:

Seminar /Workshop: Drawing of several problems weekly using traditional methods and free hand sketches.

Class activity:

Case Study: Selected cases

Other assignments / homework: Weekly
If teaching and learing methods were used other than those specified, list and give reasons: None

3-Student assessment:

Method of assessment	**Percentage of total**
Written examination	60**%**
Oral examination	**----**
Practical /laboratory work	
Other assignments /class work	20**%**
Mid –Term Exam	20**%**
Total	100 **%**
Members of examination committee	Prof. Dr. Mamdouh Saber
Role of external evaluator	

4-Facilities and teaching materials:

Totally adequate	**.Yes.**
Adequate to some extent	
Inadequate	
List any inadequacies	None

5-Administrative constraints

List any difficulties encountered

1 **Limitation of number of data show in the principal building**
2 **Limitation of number of operating experiments in the laboratory**

6-Students evaluation of the course: **Response of course team**

List any criticisms

None

7-Comments from external evaluator (s): **Response of course team**

8-Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion None

9-Action plan for academic year 2013– 2014

Actions required	Completion data	Person Responsible
None		

Course coordinator: Prof . Dr. Mamdouh Saber
Signature:

Date: **October 2013**

Annual Course Report
(Academic Year 2012-2013)

A- Basic Information

1- Title and code: *M160: Production Engineering (1)*

2- Program(s) on which this course is given: General

3- Year/Level of program: 1st year / 1st term

4- Unit hours

- **Lectures** 1 hrs
- **Tutorial**
- **Practical** 4 hrs

Total 5 hrs

5- Names of lecturers contributing to the delivery of the course:
Prof. Dr. M. Merdan
Prof. Dr. A. Kohail
Course coordinator: Prof. Dr. M. Merdan

External evaluator: None

B- Statistical Information

- **No. of students attending the course: 1405 100%**
- **No. of students completing the course: 1221** 89.38%
- **Results:**

	No.	%
Passed	1221	89.38
Failed	145	10.61

Grading of successful students:

	No.	%
Excellent	86	6.36
Very Good	233	17.04
Good	308	22.53
Pass	594	43.45

C- Professional Information

1 – Course teaching

- **Lecturers:** Prof. Dr. B. Elsarangawy and Prof. Dr. M. Merdan

Topic	Lecture hours	Tutorial hours	Practical Hours
Lecture Part: Every other week	**14**	**12**	**44**
Role of production engineer, production system, and types of industries.	2		
Classification and properties of Engineering materials	2		

Mechanical testing of engineering materials; tensile, impact tests, hardness, and fatigue tests.	5	4	4
Manufacturing processes classification. Casting processes; definition, advantages, and types. Sand casting process; different elements, advantages and limitations, types and properties of sand, and procedure of sand casting. Pattern design; allowances, sand moulding, and gating system. Die casting (gravity and pressure types), Centrifugal casting (horizontal and vertical axis), and investment casting.	5		
Practical Part:			
Casting Shop			4
Locksmith shop			4
Measurement and Ex Shop			4
Welding shop			4
Turning shop			4
Drilling and shaping shop			4
Milling shop			4
Grinding shop			4
Wood working shop			4
Sheet metal shop			4
Forging shop			4
Practical Exams		8	
Total	**14**	**12**	**44**

- **Topics taught as a percentage of the content specified:**

  >90 % 100 **70-90 %** ☐ **<70%** ….

- **Reasons in detail for not teaching any topic**
- **If any topics were taught which are not specified, give reasons in detail**

2- Teaching and learning methods:

- **Lectures:** Classical lecturing using the white board
- **Practical training/ laboratory:** None
- **Seminar/Workshop:** Workshop
- **Class activity:**
  - Solving problems concerning the determination of material ultimate stress, yield stress, % elongation, % reduction, and young's modulus
  - Calculation of hardness numbers; HBN, HVN, HRC, and HRB
- **Case Study:** None
- **Other assignments/homework:** One assignment report at the end of the term
- **If teaching and learning methods were used other than those specified, list and give reasons:** None

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	60 %
Oral examination	
Practical/laboratory work	
Other assignments/class work	40 %
Mid-Term Exam	
Total	**100 %**

Members of examination committee Prof. Dr. M. Merdan and Prof. Dr. A. Kohail
Role of external evaluator None
4- Facilities and teaching materials:

- **Totally adequate** Yes
- **Adequate to some extent**
- **Inadequate**
- **List any inadequacies** None

5- Administrative constraints
List any difficulties encountered None
6- Student evaluation of the course:

List any criticisms	Response of course team
None	None

7- Comments from external evaluator(s):	Response of course team
None	None

8- Course enhancement:

- **Progress on actions identified in the previous year's action plan:** None
- **Action State whether or not completed and give reasons for any none-completion** None

9- Action plan for academic year 2013– 2014

Actions required	Completion date	Person responsible
Preparation of new materials and cutting tools required for carrying out the practical work in each shop	Feb. 2012	Prof. Dr. B. Sarangawy

Course coordinator: Prof. Dr. M. Merdan

Signature:
Date: October 2013

Annual Course Report
(Academic Year 2012-2013)

A- Basic Information

1- Title and code: B102: English Language (II)
2- Program(s) on which this course is given: General
3- Year/Level of program: First year / 2nd Semester
4- Unit hours 2
Lectures hrs Tutorial 2 hrs Total 2 hrs

5- Names of lecturers contributing to the delivery of the course
Abdel-Hamid Mohammed El-Khoreby
Course coordinator : Abdel-Hamid Mohammed El-Khoreby
External evaluator None

B- Statistical Information

No. of students attending the course: **No.** 1405 **%** 100

No. of students completing the course: **No.**1337

Results:

	No.	%
Passed	1324	99.02
Failed	13	0.97

Grading of successful students:

	No.	%
Excellent	220	16.45
Very Good	343	25.65
Good	375	28.05
Pass	386	28.87

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• A symphony in Concrete	8	Prof. Dr. Abdel – Hamid El-Khoreiby .
• Electricity	10	
• Subjects – verbs and objects	4	
• The verb BE	4	
• Revision	4	
Total hours	**30**	

Topics taught as a percentage of the content specified:

>90 % √ **70-90 %** - **<70%** 100%

Reasons in detail for not teaching any topic None

If any topics were taught which are not specified, give reasons in detail None

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board

Practical training/ laboratory: None

Seminar/Workshop: None

Class activity:

A monthly discussion of what is given in the previous weeks.

Case Study: None

Other assignments/homework: Bi-weekly assignments

If teaching and learning methods were used other than those specified, list and give reasons:
None

3- Student assessment: Through Quizzes, oral participation in class
mid term Exams and attendance reports

Method of assessment	**Percentage of total: 30%**
Written examination	70 %
Oral examination	**----**
Other assignments/class work	10 %
Mid-Term Exam	20 %
Total	**100 %**

Members of examination committee Abdel-Hamid Mohammed El-Khoreby
Role of external evaluator None

4- Facilities and teaching materials: **Dictionaries, Tape recorders….etc**

Totally adequate	**.Yes.**
Adequate to some extent	……
Inadequate	……

List any inadequacies
None

5- Administrative constraints

List any difficulties encountered

- None

6- Student evaluation of the course: **Response of course team**

List any criticisms

None None

7- Comments from external evaluator(s):

External evaluator:

An external experienced person in the field of specialization who is invited to review the structure and content of a program, its relevance to the ILOs, the standards and appropriateness of student assessments and attainment against the specification, and also evaluating the existing learning resources and whether or not they satisfy the program requirements. The institution is responsible for specifying the evaluators' role and appointing them.

State the involvement of the external evaluator in:

- The match between the examination and the topics taught.
- The existence of grading criteria in examination sheets
- The allocation and distribution of marks and weighting
- Effectiveness of the overall assessments in measuring the achievement of the intended learning outcomes (ILOs).

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any none-completion None

9- Action plan for academic year 2013– 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Abdel-Hamid Mohammed El-Khoreby

Signature:

Date: October 2013

Annual Course Report
(Academic Year 2012-2013)

A- Basic Information

1- Title and code: Math. II, Calculus of Integration – Liner Algebra and Analytic Geometry (B112)
2- Program(s) on which this course is given: General
3- Year/Level of program: 1st Year (General) 2nd Semester
4- Unit hours
Lectures 4 hrs Tutorial 2 hrs Practical hr Total 6 hrs

5- Names of lecturers contributing to the delivery of the course
Prof. Dr. Ossama Elgayar, Prof Dr. Aly Essway, A. Prof. Dr. M. Khalifa
Course coordinator A. Prof. Dr. M. Khalifa
External evaluator

B- Statistical Information

No. of students attending the course: **No. 1405** **%** 100

No. of students completing the course: **No. 1314**

Results:

	No.	%
Passed	1088	78.23
Failed	232	21.77

Grading of successful students:

	No.	%
Excellent	163	12.40
Very Good	184	14.00
Good	213	16.21
Pass	468	35.62

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Integration (Definite and indefinite) • Techniques of integration • Applications of definite integrals • Infinite series with applications	10 16 10 9	A. Prof. Dr. M. Khalifa
• Matrices	10	
• Vectors in R^2 and R^n	6	
• Real vector Spaces • Geometry in three dimensions	6 6	
• Polar Coordinates	4	
• Complex numbers	5	
• The Conic sections	8	
Total hours	**90**	

Topics taught as a percentage of the content specified:

>90 % 100 **70-90 %** ☐ **<70%** ….

Reasons in detail for not teaching any topic None
If any topics were taught which are not specified, give reasons in detail None

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and computer supported learning

Practical training/ laboratory:

Seminar/Workshop: None

Class activity:
Numerical exercises

Case Study: Selected case studies

Other assignments/homework: By-weekly assignments

If teaching and learning methods were used other than those specified, list and give reasons:
None

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	70 %
Oral examination	**----**
Practical/laboratory work	%
Other assignments/class work	10 %
Mid-Term Exam	20%
Total	**100 %**

Members of examination committee Prof. Dr. Ossama Elgayar,
A.Prof. Dr. M. Khalifa

Role of external evaluator None

4- Facilities and teaching materials:

Totally adequate	**Yes**
Adequate to some extent	……
Inadequate	……

List any inadequacies
None

5- Administrative constraints
List any difficulties encountered

- Limitation of number of data show in the principal building
- Limitation of number of operating experiments in the laboratory

6- Student evaluation of the course: List any criticisms	**Response of course team**
1. Problems with the teaching assistant in exercises	New teacher assistant will be engaged the next academic year.
2. A proposal to extend the subject and lecture it in two successive semesters	The actual content and number of lecturing hours are convenient now, considering the re-determined graduate profile

7- Comments from external evaluator(s):
External evaluator:
An external experienced person in the field of specialization who is invited to review the structure and content of a program, its relevance to the ILOs, the standards and appropriateness of student assessments and attainment against the specification, and also evaluating the existing learning resources and whether or not they satisfy the program requirements. The institution is responsible for specifying the evaluators' role and appointing them.

State the involvement of the external evaluator in:
- The match between the examination and the topics taught.
- The existence of grading criteria in examination sheets
- The allocation and distribution of marks and weighting
- Effectiveness of the overall assessments in measuring the achievement of the intended learning outcomes (ILOs).

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None
Action State whether or not completed and give reasons for any None-completion None

9- Action plan for academic year 2013– 2014

Actions required	**Completion date**	**Person responsible**
None		A.Prof. Dr. M. Khalifa

Course coordinator: A.Prof. Dr. M. Khalifa

Signature:
Date: October 2013

Annual Course Report
(Academic Year 2012-2013)

A- Basic Information

1- Title and code: *B122: Mechancis (II)*
2- Program(s) on which this course is given: General
3- Year/Level of program: First year / second term
4- Unit hours

Lectures 2 hrs Tutorial 2hrs Practical 0hr Total 4 hrs

5- Names of lecturers contributing to the delivery of the course

: Prof. Dr. Hassan Awad

Course coordinator: Prof. Dr. Hassan Awad
External evaluator : None

B- Statistical Information

No. of students attending the course: **No.** **1405** **% 100**
No. of students completing the course: **No.** **1323** **%**
Results:

	No.	%
Passed	886	66.97
Failed	437	33.03

Grading of successful students:

	No.	%
Excellent	34	2.57
Very Good	55	4.16
Good	132	9.98
Pass	665	50.26

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
Kinematics of particles	*4*	Prof. Dr. Hassan Awad Prof. Dr. Mahmoud El-Maddah
• *Rectilinear Motion*		
• *Graphical solution*	*2*	
Curvilinear Motion Cartesian coordinates	*2*	
• *Motion of projectiles*		
• *Tangential and Normal components*	*2*	
• *Radial and Transverse Components*	*2*	
Kinetics of Particles Force and Acceleration method in different Systems of Coordinates	*4*	
Kinetics of Particles *Work and energy methed*	*4*	
• *potential energy, Conservation of energy*		
• *Principle of impulse and momentum*	*4*	
A- Space mechanics	*2*	
B- Impact	*2*	
C- Final Revision	*2*	
Total hours	**30**	

Topics taught as a percentage of the content specified:

>90 % 100 **70-90 %** **<70%** ….

Reasons in detail for not teaching any topic
If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and computer supported learning

Practical training/ laboratory: None

Seminar/Workshop: None

Class activity:
Numerical exercises; solution of problems .

Case Study: Selected case studies

Other assignments/homework: Bi-weekly assignments

If teaching and learning methods were used other than those specified, list and give reasons:
None

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	70 %
Oral examination	**----**
Practical/laboratory work	
Other assignments/class work	15 %
Mid-Term Exam	15 %
Total	**100 %**

Members of examination committee Prof. Dr. Hassan Awad
Prof. Dr. Mahmoud El-Maddah

Role of external evaluator None

4- Facilities and teaching materials:

Totally adequate **.Yes.**
Adequate to some extent **100%**
Inadequate **……**
List any inadequacies None

5- Administrative constraints

List any difficulties encountered

- New assistants needs more preparation

6- Student evaluation of the course: **List any criticisms**	**Response of course team**
➢ New assistants make some mistakes in solution of problems	New assistants attend lectures and all exercises are Supervised by professors

7- Comments from external evaluator(s):
External evaluator:
An external experienced person in the field of specialization who is invited to review the structure and content of a program, its relevance to the ILOs, the standards and appropriateness of student assessments and attainment against the specification, and also evaluating the existing learning resources and whether or not they satisfy the program requirements. The institution is responsible for specifying the evaluators' role and appointing them.

State the involvement of the external evaluator in:
- The match between the examination and the topics taught.
- The existence of grading criteria in examination sheets
- The allocation and distribution of marks and weighting
- Effectiveness of the overall assessments in measuring the achievement of the intended learning outcomes (ILOs).

8- Course enhancement:
Progress on actions identified in the previous year's action plan: None
Action State whether or not completed and give reasons for any none-completion None
9- Action plan for academic year 2013– 2014

Actions required	**Completion date**	**Person responsible**
Preparation of the course by new assistants		Prof. Dr. Mahmoud El-Maddah

Course coordinator: **Prof. Dr. Mahmoud El- Maddah**
Signature:

Date: October 2013

Annual Course Report
2012-2013

A- Basic Information

1- Title and code: B132 Physics II (Electricity, Magnetisms, Optics)
2- Program(s) on which this course is given: General
3- Year/Level of program: 1st Year , 2nd term
4- Unit hours
Lectures 4 hrs Tutorial 0 hrs Practical 2hr Total 6hrs

5- Names of lecturers contributing to the delivery of the course
Prof.. Dr. Mohamed El Twab Kamal
Prof. Dr. Abo El Yazeed B. Abo El Yazeed
Course coordinator Prof.. Dr. Mohamed El Twab Kamal
External evaluator : Non

B- Statistical Information

No. of students attending the course: **No.** **1405** **%** 100

No. of students completing the course: **No.** **1328** **%**

Results:

	No.	%
Passed	1060	79.82
Failed	268	20.18

Grading of successful students:

	No.	%
Excellent	123	9.26
Very Good	172	12.95
Good	205	15.44
Pass	560	42.17

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Lecture
• **Charge and Matter, The Electric Field, Gauss' law**	***4***	Prof. Dr. M. El Tawab
• ***Gauss's law, Electric Potential***	***4***	
• ***Gauss's law applications***	***4***	
• ***Capacitors and Dielectric***	***4***	
• ***Current and Resistance, Electromotive force and Circuits***	***4***	
• ***The Magnetic Field, Ampere's Law***	***4***	
• ***Ampere's law, Inductance***	***4***	

• ***Magnetic Properties of matter***	***4***
• ***Magnetic Properties of matter, Electromagnetic Waves***	***4***
• ***Electromagnetic Waves***	***4***
• ***Electromagnetic Waves, Physical Optics, Polarization of light***	***4***
• ***Polarization of light***	***4***
• ***Interference of light***	***4***
• ***Interference of light, Diffraction of ligh***	***4***
• ***Diffraction of light, Some applications***	***4***
Total hours	**60**

Topics taught as a percentage of the content specified:

>90 % √ **70-90 %** -- **<70%** ….

Reasons in detail for not teaching any topic The no. of Hour Permitted is not enough
If any topics were taught which are not specified, give reasons in detail No

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and computer supported learning

laboratory: Experimental measurements in Lab

Seminar/Workshop: Non

Class activity: **Yes**

Case Study: Take Home Exam

Other assignments/homework: weekly assignments

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	60 %
Oral examination	**----**
laboratory work	20 %
Other assignments/class work	10 %

Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee	**Permanent staff of Physic and Assistants**
Role of external evaluator	Non

4- Facilities and teaching materials:

Totally adequate	**.Yes.**
Adequate to some extent	**100**
Inadequate	**……**
List any inadequacies	Non

5- Administrative constraints

List any difficulties encountered

- Limitation of number of data show in the principal building
- Limitation of number of operating experiments in the laboratory

6- Student evaluation of the course: List any criticisms	**Response of course team**
1. Laboratory exercises are insufficient	This insufficiency is due to occasional defect in some experiments. More experiments will be added next year
2. Problems with the teaching assistant in exercises	New teacher assistant will be engaged the next academic year.
3. A proposal to extend the subject and lecture it in two successive semesters	The actual content and number of lecturing hours are convenient now, considering the re-determined graduate profile

7- Comments from external evaluator(s):	**Response of course team**
Non	**Non**

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion

None

9- Action plan for academic year 2013– 2014

Actions required	Completion date	Person responsible
1. Provide more data show apparatuses	Nov.2014	Prof. Dr M. El Tawab Kamal
2. Put more experiments in function in the lab.		

Course coordinator: Prof. Dr M. El Tawab Kamal
Signature:
Date: October 2013

Annual Course Report
2012-2013

A- Basic Information

1- Title and code: E112- Introduction to Computer II
2- Program(s) on which this course is given: 1st year General
3- Year/Level of program: 1st year
4- Unit hours
Lectures 2 hrs Tutorial 0 hrs Practical 2 hr Total 4 hrs
5- Names of lecturers contributing to the delivery of the course
Prof. Dr. Said A. Gawish
Course coordinator Prof. Dr. Said A. Gawish
External evaluator

B- Statistical Information

No. of students attending the course: **No.** 1405 **%** 100

No. of students completing the course: **No 1102** **%** 83.61

Results:

	No.	%
Passed	770	58.42
Failed	216	16.39

Grading of successful students:

	No.	%
Excellent	35	2.66
Very Good	74	5.61
Good	223	16.92
Pass	770	58.42

C- Professional Information

1 – Course teaching

Topic Actually taught	Lecture hours	Practical hours	Lecturer
• Information technology	2		Prof. Dr. Said Gawish Prof.Dr Said Gawish
• Communications	2		
• Files and databases	2		
• Computer languages (HLL, LLL)	6		
• Compilers	2		
• Operating system (types and functions)	4		
• Application software (Word Processing)	2	4	
• Application software (Spread Sheets)	4	10	
• Application software (Files and Databases)	2	6	
• Writing programs in HLL	4	10	
Total hours	30	**30**	

Topics taught as a percentage of the content specified:

>90 % [√] **70-90 %** [ ] **<70%** [….]

Reasons in detail for not teaching any topic Shortage of time

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

2- Teaching and learning methods:

Lectures: Using white board and computer

Practical training/ laboratory: Computer labs

Seminar/Workshop: Non

Class activity:
Numerical exercises, computer applications

Case Study: Non

Other assignments/homework: 2 Homework

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	60 %
Oral examination	**Non**
Practical/laboratory work	20 %
Other assignments/class work	10 %
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee Dr. Said A. Gawish
Dr. Adel Khedr

Role of external evaluator Non

4- Facilities and teaching materials:

Totally adequate **Yes**

Adequate to some extent **……**

Inadequate **……**

List any inadequacies

5- Administrative constraints

List any difficulties encountered

- **Introducing a sound system in computer labs**

6- Student evaluation of the course: **Response of course team**

List any criticisms

1. The theoretical part is too much. This is an introductory course.
2. Some computer language must be tought. This is done in second year.

7- Comments from external evaluator(s): **Response of course team**

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion
None

9- Action plan for academic year 2013– 2014

Actions required	Completion date	Person responsible

Course coordinator: Prof. Dr Said A. Gawish
Signature:
Date: **October 2013**

Annual Course Report
2012-2013

A- Basic Information

1- Title and code: (*M151) Engineering Drawing (2)*
2- Program(s) on which this course is given:
3- Year/Level of program: 1st year- 2nd semester
4- Unit hours
Lectures 1 hrs Tutorial 4 hrs Practical - Total 5 hrs
5- Names of lecturers contributing to the delivery of the course
Prof. Dr. Mamdouh Saber Elsayed
Course coordinator
External evaluator: None

B- Statistical Information

No. of students attending the course: **No.** 1405 **%** 100

No. of students completing the course: **No.** 1318 **%**

Results:

	No.	%
Passed	1102	83.61
Failed	216	16.39

Grading of successful students:

	No.	%
Excellent	35	2.66
Very Good	74	5.61
Good	223	16.92
Pass	770	58.42

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours			Lecturer
	L	T	P	
Importance of drawing sections	2			***Prof. Dr. Mamdouh Saber Elsayed***
Basic types of section ; Full section ; Imgitidinal ;Cross sections	2			
Off –set ;aligned sections	2			
Half –Section ;Partial ;Revolved &Removed ; Auxiliary sections	2			
Dimensioning –Arrangement ;Rules for dimensioning	2			
Conventional practice in ED	2			
Drawing of steel sections	2			
Steel Constructions	2			
Revision Problems	2			
Total hours	**18**			

Topics taught as a percentage of the content specified:

>90 % 100 … **70-90 %** ☐ **<70%** ….

Reasons in detail for not teaching any topic:
Actual no.of teaching weeks last term was 12 weeks in addition to a midterm exam week.

If any topics were taught which are not specified, give reasons in detail None

2- Teaching and learning methods:

Lectures: Using OHP Black board /White board

Practical training/ laboratory: None

Seminar/Workshop:

Class activity: Drawing of several problems weekly using traditional methods and free hand sketches

Case Study: Selected cases

Other assignments/homework: Weekly

If teaching and learning methods were used other than those specified, list and give reasons: None

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	60 %
Oral examination	**----**
Practical/laboratory work	…..
Other assignments/class work & activities	20 %
Mid-Term Exam	20 %
Total	**100 %**

Members of examination committee *Prof. Dr. Mamdouh Saber*

Role of external evaluator *None*

4- Facilities and teaching materials:

Totally adequate	**.Yes.**
Adequate to some extent	**……**
Inadequate	**……**
List any inadequacies	Non

5- Administrative constraints

List any difficulties encountered

1- Drawing haul aren't equipped with loudspeaker

6- Student evaluation of the course:

List any criticisms	**Response of course team**

7- Comments from external evaluator(s): **Response of course team**

None

8- Course enhancement:

Progress on actions identified in the previous year's action plan*: None*

Action State whether or not completed and give reasons for any non-completion

None

9- Action plan for academic year 2013– 2014

Actions required	**Completion date**	**Person responsible**
None		

Course coordinator: *Prof . Dr. Mamdouh Saber*
Signature:
Date: **October 2013**

Annual Course Report

2012-2013

A- Basic Information

1- Title and code: ***M161: Production Engineering (2)***

2- Program(s) on which this course is given: General

3- Year/Level of program: 1st year / 2nd term

4- Unit hours

- **Lectures** 1 hrs
- **Tutorial**
- **Practical** 4 hrs

Total 5hrs

5- Names of lecturers contributing to the delivery of the course:

Prof. Dr. M. Merdan

Prof. Dr. A. Kohail

Course coordinator: Prof. Dr. M. Merdan

External evaluator: None

B- Statistical Information

- **No. of students attending the course:** 1405
- **No. of students completing the course: 1329**
- **Results:**

	No.	%
Passed	1231	92.62
Failed	98	7.37

Grading of successful students:

	No.	%
Excellent	161	12.11
Very Good	284	21.37
Good	344	25.88
Pass	442	33.26

C- Professional Information

1 – Course teaching

- **Lecturers:** Prof. Dr. M. Merdan and Prof. Dr. A. Kohail

Topic	Lecture hours	Tutorial hours	Practical Hours	Lecturer
Lecture Part: Every other week	**15**	**16**	**44**	
Metal forming processes; Hot and Cold Forming; Forging, Rolling, Extrusion, and Drawing processes	3			Prof. Dr. M. Merdan And Prof. Dr. A. Kohail
Machining Processes; Traditional and Non-traditional.	1			
Turning Process; Basic concepts, main and secondary motions, machine tools used, cutting tools types and clamping, workpiece clamping and different turning operations performed, attainable accuracy and surface finish.	4			
Basic concepts of Drilling, Boring,. Production of accurate holes.	2			
Basic concepts of Shaping, and Milling processes	1			
Basic concepts of surface and cylindrical grindings	2			
Introduction into quality management and quality control	2	4		
Practical Part: Revision on the basic concepts, solution of some selective associated questions in turn and other metal forming and machining workshops. Beside, the student is applying the gained knowledge in carrying out a specially designed product in each one of these shops. These shops include; Welding, forging, sheet metals forming, rolling, drawing, and extrusion, turning, drilling and boring, milling, shaping, and grinding.				
Casting Shop			4	All the staff members of the department + all technicians
Locksmith shop			4	
Measurement and Ex. shop			4	
Welding shop			4	
Turning shop			4	
Drilling and shaping shop			4	
Milling shop			4	
Grinding shop			4	
Wood working shop			4	
Sheet metal shop			4	
Forging shop			4	
Break-Even analysis and calculation of machining time		4		
Practical Exams		8		
Total	**15**	**16**	**44**	

- **Topics taught as a percentage of the content specified:**

>90 % [100] **70-90 %** [ ] **<70%** [….]

- **Reasons in detail for not teaching any topic**
- **If any topics were taught which are not specified, give reasons in detail**

2- Teaching and learning methods:

- **Lectures:** Classical lecturing using the white board
- **Practical training/ laboratory:** Workshop
- **Seminar/Workshop:**
- **Class activity:**

  Solution of problems of Break-even analysis and Calculation of machining time

- **Case Study:** None
- **Other assignments/homework:** One assignment report at the 12th week
- **If teaching and learning methods were used other than those specified, list and give reasons:** None

3- Student assessment:

	Percentage of total
Written examination	60 %
Oral examination	
Practical/laboratory work	20 %
Other assignments/class work	10 %
Mid-Term Exam	10 %
Total	100 %

Members of examination committee Prof. Dr. M. Merdan and Prof. Dr. A. Kohail

Role of external evaluator None

4- Facilities and teaching materials:

- **Totally adequate** Yes
- **Adequate to some extent**
- **Inadequate**
- **List any inadequacies** None

5- Administrative constraints

List any difficulties encountered None

6- Student evaluation of the course:

List any criticisms	Response of course team
None	None

7- Comments from external evaluator(s):

	Response of course team
None	None

8- Course enhancement:

- **Progress on actions identified in the previous year's action plan:** None
- **Action State whether or not completed and give reasons for any non-completion**
  None

9- Action plan for academic year 2013– 2014

Actions required	Completion date	Person responsible
Preparation of new materials and cutting tools required for carrying out the practical work in each shop		Prof. Dr. B. Sarangawy

Course coordinator: Prof. Dr. M. Merdan
Signature: M. Merdan
Date: October 2013

Annual Course Report

Academic year 2012-2013

A- Basic Information

1-Title and code: (A060) ***Civil Engineering Technology***
2- Program(s) on which this course is given: Electrical Engineering
3- Year/Level of program: Second Year, 1st semester
4- Unit hours
Lectures 2 hrs Tutorial 2hrs Practical --- Total 4 hrs
5- Names of lecturers contributing to the delivery of the course
Prof. Dr. Adham ELAlfy , eng. Mohamed Gobara,
Course coordinator Prof. Dr. Adham ELAlfy
External evaluator

B- Statistical Information

No. of students attending the course: **No226** 100%

No. of students completing the course: **No.** 206

Results:

	No.	%
Passed	187	90.77
Failed	19	9.23

Grading of successful students:

	No.	%
Excellent	11	5.34
Very Good	21	10.19
Good	35	16.99
Pass	120	58.25

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Introduction	4	
• Fundamentals of surveying	4	
• Measurement of areas from maps and measurement of angles	4	
• Leveling	4	
• Computation of volumes	4	
• Soil mechanics	4	
• Highway and airports engineering	4	
• Railway engineering	4	
• Environmental engineering	4	
• Building construction	4	
• Foundations	4	
• Building materials	4	

• Quantities and specifications	4	
• Isolating layers	4	
• General revision	4	
Total hours	60	

Topics taught as a percentage of the content specified:

>90 % 100 **70-90 %** **<70%** ….

Reasons in detail for not teaching any topic Non

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

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and data show

Practical training/ laboratory: non
Seminar/Workshop: ------
Class activity:
exercises, , quizes, problems

Researches: ----

Other assignments/homework: weekly assignments

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

3- Student assessment:

Method of assessment	**Percentage of total**
Final examination	70 %
Oral examination	**----**
Practical/laboratory work	---%
Assignments/class work	20%
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee Prof. Dr. Adham ELAlfy
Role of external evaluator Non

4- Facilities and teaching materials:

Totally adequate	**yes**
Adequate to some extent	**----**
Inadequate	**……**

List any inadequacies

Non

5- Administrative constraints

List any difficulties encountered

Non

6- Student evaluation of the course:	**Response of course team**
List any criticisms	
1. This course is not an Electrical eng. Course why are we studying it.	Civil eng is interrelated to our ordinary & daily activities, rather than its deeply interrelation to Electrical eng.
2.	

7- Comments from external evaluator(s): **Response of course team**

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion

None

9- Action plan for academic year 2013– 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Prof. Dr. Adham ELAlfy **Signature:**

Annual Course Report

(Academic year 2012-2013)

A- Basic Information

1- Title and code: B200: English Language (III)

2- Program(s) on which this course is given: Information systems & Production Engineering

3- Year/Level of program: 2nd year / 1st Semester

4- Unit hours 2

Lectures hrs Tutorial 2 hrs Total 2 hrs

5- Names of lecturers contributing to the delivery of the course

Abdel-Hamid Mohammed El-Khoreby

Course coordinator : Abdel-Hamid Mohammed El-Khoreby

External evaluator Non

B- Statistical Information

No. of students attending the course: **No.** 617 **%** 100

No. of students completing the course: **No.** 570

Results:

	No.	**%**
Passed	454	79.65
Failed	116	20.35

Grading of successful students:

	No.	**%**
Excellent	16	2.8
Very Good	43	7.54
Good	83	14.56
Pass	312	54.74

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Isaac Newton	6	Prof. Dr. Abdel – Hamid El-Khoreiby
• Making a talkie film	6	
• Three Attitudes towards life	6	
• Plural Nouns	4	
• Regular & Irregular Verbs	6	
• Revision	2	
Total hours	**30**	

Topics taught as a percentage of the content specified:

>90 % √ **70-90 %** - **<70%** 100%

Reasons in detail for not teaching any topic Non

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

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board

Practical training/ laboratory: Non

Seminar/Workshop: Non

Class activity:

A monthly discussion of what is given in the previous weeks.

Case Study: Non

Other assignments/homework: Bi-weekly assignments

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

3- Student assessment: **Through Quizzes, oral participation in class mid term Exams and attendance reports**

Method of assessment	**Percentage of total: 30%**
Written examination	70 %
Oral examination	**----**
Other assignments/class work	10 %
Mid-Term Exam	20 %
Total	**100 %**

Members of examination committee **Prof. Dr.** Abdel-Hamid Mohammed El-Khoreby
Prof. Dr Hassan Awad

Role of external evaluator Non

4- Facilities and teaching materials: **Dictionaries, Tape recorders….etc**

Totally adequate **.Yes.**

Adequate to some extent **……**

Inadequate ……

List any inadequacies
Non

5- Administrative constraints

List any difficulties encountered
- Non

6- Student evaluation of the course:	**Response of course team**
List any criticisms	
Non	**Non**

7- Comments from external evaluator(s):	**Response of course team**
Non	**Non**

8- Course enhancement:
Progress on actions identified in the previous year's action plan: None
Action State whether or not completed and give reasons for any non-completion
None
9- Action plan for academic year 2013 – 2014

Actions required	**Completion date**	**Person responsible**
None		

Course coordinator: Abdel-Hamid Mohammed El-Khoreby

Signature:
Date: October 2013

Annual Course Report
(Academic year 2012-2013)

A- Basic Information

1- Title and code: Math. III. Ordinary Differential Equations and Advanced Calculus(1), B211

2- Program(s) on which this course is given: Basic Science

3- Year/Level of program: 2nd year, (Elect. Mech.) 1st Term

4- Unit hours

Lectures 4 hrs Tutorial 2 hrs Practical hr Total 6 hrs

5- Names of lecturers contributing to the delivery of the course

Course coordinator Prof. Dr. Osama El Gyar
Prof. Dr. Aly Essawi
External evaluator

B- Statistical Information

No. of students attending the course: **No. 617** **%** 100

No. of students completing the course: **No. 565**

Results: Electr.

	No.	%
Passed	417	73.8
Failed	148	26.2

Grading of successful students:

	No.	%
Excellent	41	7.25
Very Good	59	10.44
Good	62	10.97
Pass	255	45.13

C- Professional Information

1 – Course teaching

3 – Contents

Topic	Lecture hours	Tutorial hours	Lecturer
• Classification of Differential equations	4	2	Dr. Ossama El Gayar
• First order Differential Equation	4	2	
• Separable and homogeneous Differential equations	4	2	
• Exact and linear Equations	4	2	
• N^{th} order D.E with constant coefficients	4	2	
• Variation of parameters-Undetermined coefficients	4	2	
• Euler's Equation-Reduction of order	4	2	

• Linear systems of ordinary differential equations	4	2	
• Partial derivatives- directional derivative	6	2	
• Total derivatives-directional derivative	6	2	
• Tangent planes and normal lines	4	2	
• Maxima and minima of function of two variables	4	2	
• Lagrange's multipliers	4	2	
• Series solution of O.D.E.	4	4	
Total hours	**60**	**30**	

Topics taught as a percentage of the content specified:

>90 % [√] **70-90 %** [ ] **<70%** [….]

Reasons in detail for not teaching any topic
If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board, projectors and data show

Practical training/ laboratory: None

Seminar/Workshop: None

Class activity:
Numerical exercises; solution of problems

Case Study: Selected case studies

Other assignments/homework: Bi-weekly assignments

If teaching and learning methods were used other than those specified, list and give reasons: None

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	70 %
Oral examination	**----**
Practical/laboratory work	%
Other assignments/class work	10 %
Mid-Term Exam	20 %
Total	**100 %**
Members of examination committee	Prof. Dr. Osama El Gyar **Prof Dr. Aly M. Essawi**
Role of external evaluator	None

4- Facilities and teaching materials:

Totally adequate	**Yes**
Adequate to some extent	**……**
Inadequate	**……**

List any inadequacies
None

5- Administrative constraints
List any difficulties encountered
- None

6- Student evaluation of the course:	**Response of course team**
List any criticisms	
1. Laboratory exercises are insufficient	
2. Problems with the teaching assistant in exercises	New teacher assistant will be engaged the next academic year.
3. A proposal to extend the subject and lecture it in two successive semesters	The actual content and number of lecturing hours are convenient now, considering the re-determined graduate profile

7- Comments from external evaluator(s): **Response of course team**

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any None-completion
None

9- Action plan for academic year 2013 – 2014

Actions required	**Completion date**	**Person responsible**
None		Prof. Dr. Osama El Gyar

Course coordinator: Prof. Dr. Osama El Gyar
Prof. Dr. Aly M. Essawi

Signature:
Date: August 2013

Annual Course Report
(Academic year 2012-2013)

A- Basic Information

1- Title and code: B221 : Physics (3) Modern Physics
2- Program(s) on which this course is given: Electricity (Comm. And Comp)
3- Year/Level of program: 2nd
4- Unit hours
Lectures 2hrs Tutorial 2 hrs Practical 1 hr Total 5 hrs

5- Names of lecturers contributing to the delivery of the course
Dr. A. M. Aboutaleb
Course coordinator Dr. A. M. Aboutaleb
External evaluator

B- Statistical Information

No. of students attending the course: No. 508 % 100

No. of students completing the course: No. 466 %

Results:	**No.**	**%**
Passed	**402**	**86.3**
Failed	**64**	**13.7**

Grading of successful students:

Excellent	**73**	**15.7**
Very Good	**69**	**14.8**
Good	**63**	**13.5**
Pass	**197**	**42.3**

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Historical overview of classical mechanics	2	Prof. Dr. M. Abo Taleb
• Special thery of Relativity Lorentz trans formation, consequcnces of STR	4	
• Quantum physics	5	

• Black body Radiation, quantum properties of thermel Radiation, particle-wave duality, photo electric effed compton scattering	2	
• Quantum mechanies	6	
The postulates of quantum mechanics: deBroglie thesis, Bohr-Sommerfeid quantization conditions. Heisenberuncertainty principle. Time dependent and jndependent schrodinger equation, application of schrodinger equation, enfinite potential well, simple harmonic ascillator, the tunnel Effect		
• Inductory atomic physics, mechanical Pauli exclusion princible, Electronic confignration of the elements	5	
• Inductory solidstate physice, free electron model, Fermi-Dirac probability and density states, band strueture of solids.	6	
• Practical Exper.		
Total hours	**30**	

Topics taught as a percentage of the content specified: **> 90%**

Reasons in detail for not teaching any topic **Non**

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

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and computer supported learning

Practical training/ laboratory: Practical training and experimental measurements in Lab

Seminar/Workshop: Non

Class activity:

Numerical exercises; solution of problems by computer and data show, using computer programs; MATLAB, SIMULINK and CODAS.

Case Study: Selected case studies

Other assignments/homework: Bi-weekly assignments

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

3- Student assessment:

Method of assessment	Percentage of total
Written examination	60 %
Oral examination	----
Practical/laboratory work	20 %
Other assignments/class work	10 %
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee Dr. A. M. Aboutaleb
Dr. M.El Tawab
Dr. S.Gouda

Role of external evaluator Non

4- Facilities and teaching materials:

Totally adequate **.Yes.**

Adequate to some extent **100%**

Inadequate **……**
List any inadequacies Non

5- Administrative constraints

List any difficulties encountered **Non**

6- Student evaluation of the course: List any criticisms	Response of course team
Non	Non

7- Comments from external evaluator(s):	Response of course team
Non	**Non**

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion
None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		Prof. Dr. Aboutaleb

Course coordinator: Prof. Dr. Aboutaleb
Signature:

Date: August 2013

Annual Course Report
(Academic year 2012-2013)

A- Basic Information

1- Title and code: Electrical Circuits Analysis I - (E201)

2- Program(s) on which this course is given: Electronic Eng. & Communications Tech. Dpt

3- Year/Level of program: Second year / 1st Semester

4- Unit hours 2

Lectures 2hrs Tutorial 2 hrs Practical 1 hrs Total 5 hrs

5- Names of lecturers contributing to the delivery of the course

Prof. Dr. Said Refai

Course coordinator: Prof. Dr. Said Refai
External evaluator: None

B- Statistical Information

No. of students attending the course: **No.** 508 **100%**
No. of students completing the course: **No.** 475 **93.5%**

Results:

	No.	%
Passed	407	85.68
Failed	68	14.32

Grading of successful students:

	No.	%
Excellent	46	9.7
Very Good	70	14.7
Good	80	16.8
Pass	211	44.4

C- Professional Information

1 – Course teaching:

Topic	Tutorial hours	Lecturer
• *Introduction*	2	Prof. Dr. Said Refai
• *Circuit element*	4	
• *Simple resistive circuits*	4	
• *Techniques of Circuit analysis*	4	
• *Step Response of First-Order RL and RC circuit.*	4	
• *Natural and step response of RLC circuits..*	4	
• *Sinusoidal steady state analysis.*	4	
• *Total hours*	30	

Topics taught as a percentage of the content specified:

>90 % √ **70-90 %** - **<70%** 100%

Reasons in detail for not teaching any topic None

If any topics were taught which are not specified, give reasons in detail None

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board
Practical training/ laboratory: Circuit laboratory
Seminar/Workshop: None
Class activity:
A monthly discussion of what is given in the previous weeks.

Case Study: None
Other assignments/homework: Bi-weekly assignments
If teaching and learning methods were used other than those specified, list and give reasons:
None

3- Student assessment: Through Quizzes, oral participation in class, midterm exams and attendance reports

Written examination	60 %
Practical examination	15 %
Other assignments/class work	10 %
Mid-Term Exam	5 %
Total	**100 %**

Members of examination committee Prof. Dr. Said Refai

Role of external evaluator None

4- Facilities and teaching materials: **Dictionaries, Tape recorders….etc**
Totally adequate **.Yes.**
Adequate to some extent ……
Inadequate ……
List any inadequacies
None

5- Administrative constraints
List any difficulties encountered
- None

6- Student evaluation of the course: **Response of course team**
List any criticisms
None None

7- Comments from external evaluator(s):
External evaluator:

An external experienced person in the field of specialization who is invited to review the structure and content of a program, its relevance to the ILOs, the standards and appropriateness of student assessments and attainment against the specification, and also evaluating the existing learning resources and whether or not they satisfy the program requirements. The institution is responsible for specifying the evaluators' role and appointing them.

State the involvement of the external evaluator in:
- The match between the examination and the topics taught.
- The existence of grading criteria in examination sheets
- The allocation and distribution of marks and weighting
- Effectiveness of the overall assessments in measuring the achievement of the intended learning outcomes (ILOs).

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None
Action State whether or not completed and give reasons for any none-completion None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Prof. Dr. Said Refai

Signature:

Date: August 213

Annual Course Report
Academic year 2012-2013

A- Basic Information

1- Title and code: E210 - Computer Programming I
2- Program(s) on which this course is given: 2nd year Electrical Dept., Mech. Dept.
3- Year/Level of program: 2nd year
4- Unit hours
Lectures 2 hrs Tutorial 0 hrs Practical 2 hr Total 4 hrs
5- Names of lecturers contributing to the delivery of the course
Course coordinator Dr. Adel Khedr

B- Statistical Information

No. of students attending the course: **No.** 596 **%** …100.

No. of students completing the course: **No.** 564 **%** 94.63

Results:

	No.	%
Passed	564	94.63
Failed	32	5.37

Grading of successful students:

	No.	%
Excellent	117	19.63
Very Good	73	12.25
Good	107	17.95
Pass	267	44.80

C- Professional Information
1 – Course teaching

Topics Actually Taught	Lecture hours	Practical hours	Lecturer
• Concepts of structured programming	2		Prof. Dr. Said Gawish Prof.Dr Said Gawish
• Program structure in C++	2		
• Data types and declaration in C++	2		
• Input / Output in C++ and i/o stream class	2	4	
• I/O manipulation	2	4	
• Operators and precedence in C++	6	4	
• Decision (selection) constructs in C++	4	2	
• Loops in C++	4	4	
• Arrays in C++	2	2	
• Functions in C++	2	2	
• Calling functions (by value, by reference)	2	4	
Total hours	**30**	**26**	

Topics taught as a percentage of the content specified:

>90 % [√] **70-90 %** [ ] **<70%** [….]

Reasons in detail for not teaching any topic Shortage of time

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

2- Teaching and learning methods:

Lectures: Using white board and computer

Practical training/ laboratory: Computer labs

Seminar/Workshop: Non

Class activity:
Numerical exercises, computer applications

Case Study: Non

Other assignments/homework: 2 Homework

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	60 %
Oral examination	**Non**
Practical/laboratory work	20 %
Other assignments/class work	10 %
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee Prof. Dr. Adel El-Sherif
Dr. Adel Khedr

Role of external evaluator Non

4- Facilities and teaching materials:

Totally adequate	**.Yes.**
Adequate to some extent	**……**
Inadequate	**……**

List any inadequacies

5- Administrative constraints

List any difficulties encountered

- **Introducing a sound system in computer labs**

6- Student evaluation of the course: **Response of course team**

List any criticisms

None

7- Comments from external evaluator(s): **Response of course team**

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion

None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Dr Adel Khedr
Signature: Prof. Dr Said A.Gawish
Date: October 2013

Annual Course Report

(Academic year 2012-2013)

A- Basic Information

1- Title and code: Digital Logic Circuits - (E212)

2- Program(s) on which this course is given: Electronic Eng. & Communications Tech. Dpt. - Computer Engineering & Information Technology Dpt.

3- Year/Level of program: Second year / 1st Semester

4- Unit hours 2

Lectures 4 hrs Tutorial - hrs Practical 1 hrs Total 5 hrs

5- Names of lecturers contributing to the delivery of the course

Prof. Dr. MOHI-EIDIN RATEB

Course coordinator: Prof. Dr. MOHI-EIDIN RATEB
External evaluator: None

B- Statistical Information

No. of students attending the course: **No.** 508 **100%**
No. of students completing the course: **No.** 471 **92.7%**

Results:

	No.	%
Passed	395	83.9
Failed	76	16.1

Grading of successful students:

	No.	%
Excellent	43	9.1
Very Good	56	11.9
Good	62	13.2
Pass	234	49.7

C- Professional Information

1 – Course teaching:

Topic	Lecture Hours	Lecturer
• Introduction -Basic Definitions. -Laws of Boolean Algebra.	4	Prof. Dr. MOHI-EIDIN RATEB
• Logic Functions Representation &Realization -Methods of representation of logic functions truth table, S.O.P and P.O.S) -Realization of logic functions using AND-OR-NOT, NAND only and NOR only gate systems.	2 2	
-Matching logic functions with gate systems • Logic function minimization -Using Basic laws of Boolean Algebra.	2 2	

o Using Karnaugh map minimization. -Using Quine -Mc Clusky's Method.	2 2	
Minimization of multiple-output Logic Functions • Combinational logic modules -Half and full adders, Parallel adder connection, look ahead carry.	2 2	Prof. Dr. MOHI-EIDIN RATEB
o Decoders and de-multiplexers o Encoders. o Data selectors (multiplexers).	2 2	
-Parity checkers. -Read-only memories	2 2	
-Binary comparators. • Sequential logic circuit elements -State diagram and stat table representation of sequential circuits.	2 2	
o Asynchronous and synchronous sequential elements. - S-R Flip-flop,J-K flip-flop	2 2	
-D-Flip-flop and T flip-flop -Racing in sequential circuits	2 2	
-Master –slave and Edge –triggered Flip-flops. • Sequential Logic circuit modules -Introduction.	2 2	
Registers and shift registers.	4	
Asynchronous and synchronous counters.	4	
Counters using shift –registers (Johnson and ring counters)	4	
Random access memories(basic cell,addressing and read-write operations)	4	
Total Hours	**60**	

percentage of the content specified:

>90 % √ **70-90 %** - **<70%** 100%

Reasons in detail for not teaching any topic None

If any topics were taught which are not specified, give reasons in detail None

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board

Practical training/ laboratory: None

Seminar/Workshop: None

Class activity:

A monthly discussion of what is given in the previous weeks.

Case Study: None

Other assignments/homework: Bi-weekly assignments

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

None

3- Student assessment: Through Quizzes, oral participation in class, midterm exams and attendance reports

Written examination	60 %
Practical examination	20 %
Other assignments/class work	10 %
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee Prof. Dr. MOHI-EIDIN RATEB
Role of external evaluator None

4- Facilities and teaching materials: **Dictionaries, Tape recorders….etc**

Totally adequate	**.Yes.**
Adequate to some extent	**……**
Inadequate	**……**

List any inadequacies
None

5- Administrative constraints
List any difficulties encountered
- None

6- Student evaluation of the course: **Response of course team**
List any criticisms
None None

7- Comments from external evaluator(s):
External evaluator:
An external experienced person in the field of specialization who is invited to review the structure and content of a program, its relevance to the ILOs, the standards and appropriateness of student assessments and attainment against the specification, and also evaluating the existing learning resources and whether or not they satisfy the program requirements. The institution is responsible for specifying the evaluators' role and appointing them.

State the involvement of the external evaluator in:
- The match between the examination and the topics taught.
- The existence of grading criteria in examination sheets
- The allocation and distribution of marks and weighting
- Effectiveness of the overall assessments in measuring the achievement of the intended learning outcomes (ILOs).

8- Course enhancement:
Progress on actions identified in the previous year's action plan: None
Action State whether or not completed and give reasons for any none-completion None

9- Action plan for academic year 2013 – 2014

Actions required	**Completion date**	**Person responsible**
None		

Course coordinator: Prof. Dr. MOHI-EIDIN RATEB
Signature:

Date: August 2013

Annual Course Report
(Academic year 2012-2013)

A- Basic Information

1- Title and code: Instruments & Measurements I - (E220)

2- Program(s) on which this course is given: Electronic Eng. & Communications Tech. Dpt. - Computer Engineering & Information Technology Dpt.

3- Year/Level of program: Second year / 1st Semester

4- Unit hours 2

Lectures 2hrs Tutorial - hrs Practical 2 hrs Total 4 hrs

5- Names of lecturers contributing to the delivery of the course

Prof. Dr. SHOUMAN E.I. SHOUMAN.

Course coordinator: Prof. Dr. SHOUMAN E.I. SHOUMAN.
External evaluator: None

B- Statistical Information

No. of students attending the course: **No.** 508 **100%**
No. of students completing the course: **No.** 468 **92.2%**

Results:

	No.	%
Passed	387	82.7
Failed	81	17.3

Grading of successful students:

	No.	%
Excellent	40	8.5
Very Good	52	11.1
Good	73	15.6
Pass	222	47.4

C- Professional Information

1 – Course teaching:

Topic	Lecture hours	Lecturer
• Units, Dimensions, and Standards.	2	Prof. Dr. SHOUMAN E.I. SHOUMAN.
• Types and Analysis of Errors in Measurements.	2	
• Fundamentals of Analogue Instruments.	2	
• Deflection Type Permanent Magnet Moving Coil, and Electro-dynamic Instruments.	2	
• General Torque Equations and Galvanometers	2	
• DC Multi-Range Voltmeters.	2	
• DC Multi-Range Ammeters.	2	
• AC Rectifier Type Voltmeters.	2	

• AC Rectifier Type Ammeters.	2	
• Series and Multi-Range Ohmmeters.	2	Prof. Dr. SHOUMAN E.I. SHOUMAN.
• DC and AC Electro-dynamic Voltmeters, and Ammeters.	2	
• DC and AC Electro-dynamic Voltmeters, and Ammeters.	2	
• DC and AC Electro-dynamic Watt-meters.	2	
• Calibration Methods of DC and AC Instruments.	2	
• Calibration Methods of DC and AC Instruments.	2	
Total Hours	30	

Topics taught as a percentage of the content specified:

>90 % √ **70-90 %** - **<70%** 100%

Reasons in detail for not teaching any topic None

If any topics were taught which are not specified, give reasons in detail None

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board
Practical training/ laboratory: Measurements and Testing Laboratory
Seminar/Workshop: None
Class activity:
A monthly discussion of what is given in the previous weeks.

Case Study: None
Other assignments/homework: Bi-weekly assignments
If teaching and learning methods were used other than those specified, list and give reasons:
None

3- Student assessment: Through Quizzes, oral participation in class, midterm exams and attendance reports

Written examination	60 %
Practical examination	20 %
Other assignments/class work	10 %
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee Prof. Dr. SHOUMAN E.I. SHOUMAN.
Role of external evaluator None

4- Facilities and teaching materials: **Dictionaries, Tape recorders….etc**

Totally adequate **.Yes.**
Adequate to some extent ……
Inadequate ……
List any inadequacies
None

5- Administrative constraints

List any difficulties encountered

- None

6- Student evaluation of the course: **Response of course team**

List any criticisms

None None

7- Comments from external evaluator(s):

External evaluator:

An external experienced person in the field of specialization who is invited to review the structure and content of a program, its relevance to the ILOs, the standards and appropriateness of student assessments and attainment against the specification, and also evaluating the existing learning resources and whether or not they satisfy the program requirements. The institution is responsible for specifying the evaluators' role and appointing them.

State the involvement of the external evaluator in:

- The match between the examination and the topics taught.
- The existence of grading criteria in examination sheets
- The allocation and distribution of marks and weighting
- Effectiveness of the overall assessments in measuring the achievement of the intended learning outcomes (ILOs).

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any none-completion None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Prof. Dr. SHOUMAN E.I. SHOUMAN.

Signature:

Date: August 2013

Annual Course Report
(Academic year 2012-2013)

A- Basic Information

1- Title and code: History of Science & Technology,B202

2- Program(s) on which this course is given: Com. Eng. & Inf. Tech. Dept.
Electronic Eng & Comm. Tech. Dept.
Man. Eng. & Prod. Tech. Dept

3- Year/Level of program:2nd year, Second Semester

4- Unit hours

Lectures 2hrs Tutorial - Practical - Total 2 hrs

5- Names of lecturers contributing to the delivery of the course

Prof. Dr.: Shaban Ragab Gouda

Course coordinator Prof. Dr.: Shaban Ragab Gouda

External evaluator Non

B- Statistical Information

No. of students attending the course: **No. 617** **% 100%**

No. of students completing the course: **No. 569** **%**

Results:

	No.	%
Passed	556	97.7
Failed	13	2.3

Grading of successful students:

	No.	%
Excellent	120	21.08
Very Good	168	29.52
Good	120	21.08
Pass	148	26

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
* العلم والهندسه والتكنولوجيا	2	Prof. Dr. S. R. Gouda
* الهندسه والبحث العلمى – منظومه البحث العلمى	4	
* عناصر ومتطلبات البحث العلمى	2	
* الهندسه وخريطه البحث العلمى – مراحل البحث العلمى	2	
* تاريخ الهندسه والتكنولوجيا فى مختلف العصور	4	
* نقل التكنولوجيا	2	
* نشاطات العمل الهندسى ومسئوليه المهندس	2	
* التعليم الهندسى	2	
* نقابه المهندسين المصريه – جمعيه المهندسين المصريه •	4	
* تطور اوجه النشاط الهندسى والتكنولوجى •	4	
* اشهر علماء الهندسه والتكنولوجيا •	2	
Total hours	30	

Topics taught as a percentage of the content specified:

>90 % 100 **70-90 %** - **<70%** --

Reasons in detail for not teaching any topic . Non
If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board , projectors and Data show

Practical training/ laboratory: None

Seminar/Workshop: None

Class activity: None

Case Study: None

Other assignments/homework: None

If teaching and learning methods were used other than those specified, list and give reasons: None

3- Student assessment:

Method of assessment **Percentage of total**

Written examination	70 %
Oral examination	None
Practical/laboratory work	None
Other assignments/class work	10%
Mid-Term Exam	20 %
Total	**100 %**

Members of examination committee Prof. Dr. S. R. Gouda

Role of external evaluator None

4- Facilities and teaching materials:

Totally adequate	**.Yes.**
Adequate to some extent	**100%**
Inadequate	**----**

List any inadequacies
Non

5- Administrative constraints

List any difficulties encountered None

6- Student evaluation of the course:	**Response of course team**
List any criticisms	
None	None

7- Comments from external evaluator(s):	**Response of course team**
None	None

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion
None

9- Action plan for academic year 2013 – 2014

Actions required	**Completion date**	**Person responsible**
Non		Non

Course coordinator: Prof. Dr. S. R. Gouda
Signature:
Date: **August 213**

Annual Course Report
(Academic year 2012-2013)

A- Basic Information

1- Title and code: Math. IV, Laplace Transform and Advanced Calculus(2),B212
2- Program(s) on which this course is given: Basic Science
3- Year/Level of program: 2nd year, (Elect, Mech.) 2nd Term
4- Unit hours
Lectures 4 hrs Tutorial 2 hrs Practical hr Total 6 hrs

5- Names of lecturers contributing to the delivery of the course

Course coordinator Prof. Dr. Osama El Gyar
Prof. Dr. Aly Essawi
External evaluator

B- Statistical Information

No. of students attending the course: **No. 617** **% 100**

No. of students completing the course: **No. 542**

Results: Electr.

	No.	%
Passed	350	64.6
Failed	192	35.4

Grading of successful students:

	No.	%
Excellent	32	5.9
Very Good	24	4.4
Good	48	8.85
Pass	246	45.38

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Laplace transform	6	Prof. Dr. Osama El Gyar Prof. Dr. Aly Essawi
• First shift property-Second shift property	6	
• Differentiation of Laplace transform	6	
• Integration of laplace transform	6	
• Solving D.E using laplace transform	6	
• Laplace transform of the derivative	6	
• Laplace transform of the Integral	6	
• The Gamma and Beta function	6	

• Line integral and application	6	
• Double integral and application	6	
• Multiple integral and application	6	
• Surface and volume Integral	6	
• Legendre and Bessel functions	6	
• Cylindrical and spherical polar coordinates	6	
• Final Revison	6	
Total hours	**90**	

Topics taught as a percentage of the content specified:

>90 % √ **70-90 %** ☐ **<70%** ….

Reasons in detail for not teaching any topic
If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board, projectors and data show

Practical training/ laboratory: None

Seminar/Workshop: None

Class activity:
Numerical exercises; solution of problems

Case Study: Selected case studies

Other assignments/homework: Bi-weekly assignments

If teaching and learning methods were used other than those specified, list and give reasons: None

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	70 %
Oral examination	**----**
Practical/laboratory work	%

Other assignments/class work	10 %
Mid-Term Exam	20 %
Total	**100 %**
Members of examination committee	Prof. Dr. Osama El Gyar **Prof Dr. Aly M. Essawi**
Role of external evaluator	None

4- Facilities and teaching materials:

Totally adequate	**Yes**
Adequate to some extent	……
Inadequate	……

List any inadequacies
None

5- Administrative constraints
List any difficulties encountered
- None

6- Student evaluation of the course: **List any criticisms**	**Response of course team**
1. Laboratory exercises are insufficient	
2. Problems with the teaching assistant in exercises	New teacher assistant will be engaged the next academic year.
3. A proposal to extend the subject and lecture it in two successive semesters	The actual content and number of lecturing hours are convenient now, considering the re-determined graduate profile

7- Comments from external evaluator(s): **Response of course team**

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any None-completion
None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		Prof. Dr. Osama El Gyar

Course coordinator: Prof. Dr. Osama El Gyar
Prof. Dr. Aly M. Essawi

Signature:

Date: August 2013

Annual Course Report
Academic year 2012-2013

A- Basic Information

1- Title and code: B222 : Physics (IV) Semiconductor Physics
2- Program(s) on which this course is given: Electricity (Comm. And Comp)
3- Year/Level of program: 2nd
4- Unit hours
Lectures 2hrs Tutorial - hrs Practical 2 hr Total 4 hrs

5- Names of lecturers contributing to the delivery of the course
Dr. A. M. Aboutaleb
Course coordinator Dr. A. M. Aboutaleb
External evaluator

B- Statistical Information

No. of students attending the course: **No. 508** **%** 100

No. of students completing the course: **No. 452** **%**

Results:

Passed	**No. 414**	**% 91.6**
Failed	**No. 38**	**% 8.4**

Grading of successful students:

Excellent	**82**	**18.1**
Very Good	**86**	**15**
Good	**72**	**15.9**
Pass	**174**	**38.5**

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Semiconductor Materials, Properties	1	Prof. Dr. M. Abo Taleb
• Crystals and cormmon Semiconductor crystal structures	2	
• Enegy band of semiconductors	3	
• Electrons and holes in semiconductors. Fermi dirac distrubution Function and the dnsityst of states		
Carrier Concentration	2	
• Intrinsic Semiconduetors and doped semiconductors		
Carrier Transport.	4	
• Carricr drift and carrier diffusion		
• Carrier recombination and generation		
Continnity Equation		
• **P-N Junctions** Structure and Principle of operation Energy-band Electro static analysis of p-n Junction The P-n diode current (ideal charaetevistic) Reverse bias break down, Avalanche break down, zener breakdown. Characteristics of Special purpose diodes, Zener diode, varactor LED, photodiode, Laser,diode, Tunnel diode	10	
• Metal – Semiconductor Junctions structure and principle of operation, shottky diode- ohmic contracts	3	
• Transistor - The basic structure and aperation of Bipolar Junction Transistors o The structure of Field Effect transistors	5	
➢ Practical Experiment.		
Total hours	**30**	

Topics taught as a percentage of the content specified: **> 90%**

Reasons in detail for not teaching any topic **Non**

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

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and computer supported learning

Practical training/ laboratory: Practical training and experimental measurements in Lab

Seminar/Workshop: Non

Class activity:

Numerical exercises; solution of problems by computer and data show,

Case Study: Selected case studies

Other assignments/homework: Bi-weekly assignments

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

3- Student assessment:

Method of assessment	Percentage of total
Written examination	60 %
Oral examination	**----**
Practical/laboratory work	20 %
Other assignments/class work	10 %
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee Dr. A. M. Aboutaleb
Dr. M.El Tawab
Dr. S.Gouda

Role of external evaluator Non

4- Facilities and teaching materials:

Totally adequate **.Yes.**

Adequate to some extent **100%**

Inadequate **……**

List any inadequacies Non

5- Administrative constraints

List any difficulties encountered

- Limitation of number of data show in the principal building

6- Student evaluation of the course: **Response of course team**

List any criticisms

Non

Non

7- Comments from external evaluator(s): **Response of course team**

Non **Non**

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion

None

9- Action plan for academic year 2013– 2014

Actions required	Completion date	Person responsible
Non		Prof. Dr. Aboutaleb

Course coordinator: Prof. Dr. Aboutaleb
Signature:

Date: August 2013

Annual Course Report
(Academic year 2012-2013)

A- Basic Information

1- Title and code: Electrical Circuits Analysis II - (E202)

2- Program(s) on which this course is given: Electronic Eng. & Communications Tech. Dpt. - Computer Engineering & Information Technology Dpt.

3- Year/Level of program: Second year / 2nd Semester

4- Unit hours 2

Lectures 2 hrs Tutorial 2 hrs Practical - hrs Total 4 hrs

5- Names of lecturers contributing to the delivery of the course

Prof. Dr. Said Refai

Course coordinator: Prof. Dr. Said Refai
External evaluator: None

B- Statistical Information

No. of students attending the course: **No.** 508 **100%**
No. of students completing the course: **No.** 451 **88.8%**

Results:

	No.	%
Passed	395	87.6
Failed	56	12.4

Grading of successful students:

	No.	%
Excellent	73	16.2
Very Good	88	19.5
Good	75	16.6
Pass	159	35.3

C- Professional Information

1 – Course teaching:

Topic	Lecture hours	Tutorial hours
Power calculations in sinusoidal steady state	2	Prof. Dr. Said Refai
Balanced three-phase circuits	4	
Mutual inductance	4	
Series and parallel resonance	2	
Laplace transformation	6	
The transfer function	2	
Fourier series - the Fourier transform	4	
Tow-port circuits	6	
Total hours	30	

percentage of the content specified:

>90 % √ **70-90 %** - **<70%** 100%

Reasons in detail for not teaching any topic None

If any topics were taught which are not specified, give reasons in detail None

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board
Practical training/ laboratory: Circuit Laboratory
Seminar/Workshop: None
Class activity:
A monthly discussion of what is given in the previous weeks.

Case Study: None
Other assignments/homework: Bi-weekly assignments
If teaching and learning methods were used other than those specified, list and give reasons:
None

3- Student assessment: Through Quizzes, oral participation in class, midterm exams and attendance reports

Written examination	70 %
Practical examination	- %
Other assignments/class work	20 %
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee Prof. Dr. Said Refai
Role of external evaluator None

4- Facilities and teaching materials: **Dictionaries, Tape recorders….etc**

Totally adequate	**.Yes.**
Adequate to some extent	**……**
Inadequate	**……**

List any inadequacies
None

5- Administrative constraints
List any difficulties encountered
- None

6- Student evaluation of the course: **Response of course team**
List any criticisms
None None

7- Comments from external evaluator(s):

External evaluator:
An external experienced person in the field of specialization who is invited to review the structure and content of a program, its relevance to the ILOs, the standards and appropriateness of student assessments and attainment against the specification, and also evaluating the existing learning resources and whether or not they satisfy the program requirements. The institution is responsible for specifying the evaluators' role and appointing them.

State the involvement of the external evaluator in:
- The match between the examination and the topics taught.
- The existence of grading criteria in examination sheets
- The allocation and distribution of marks and weighting
- Effectiveness of the overall assessments in measuring the achievement of the intended learning outcomes (ILOs).

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None
Action State whether or not completed and give reasons for any none-completion None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Prof. Dr. Said Refai
Signature:

Date: August 2013

Annual Course Report
Academic year 2012-2013

A- Basic Information

1- Title and code: Computer Programming II -E213
2- Program(s) on which this course is given: 2nd year Electrical Dept., Mech. Dept.
3- Year/Level of program: 2nd year
4- Unit hours
Lectures 2 hrs Tutorial 0 hrs Practical 2 hr Total 4 hrs
5- Names of lecturers contributing to the delivery of the course
Course coordinator Dr. Adel Khedr

B- Statistical Information

No. of students attending the course: **No.** 579 **%** …100.

No. of students completing the course: **No.** 579 **%** 87.05

Results:

	No.	%
Passed	504	87.05
Failed	75	12.95

Grading of successful students:

	No.	%
Excellent	76	13.13
Very Good	51	8.81
Good	55	9.50
Pass	322	5561

C- Professional Information

1 – Course teaching

Topics Actually Taught	Lecture hours	Practical hours	Lecturer
• Function Returns and Types of Calls	4	4	Prof. Dr. Said Gawish Prof.Dr Said Gawish
• Arrays as function parameters in C++	2	4	
• Pointers	4	4	
• Pointers as function parameters	2	2	
• Structs in C++	4	4	
• Classes and Objects	14	8	
Total hours	**30**	**26**	

Topics taught as a percentage of the content specified:

>90 % √ **70-90 %** ☐ **<70%** ….

Reasons in detail for not teaching any topic Shortage of time

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

2- Teaching and learning methods:

Lectures: Using white board and computer

Practical training/ laboratory: Computer labs

Seminar/Workshop: Non

Class activity:
Numerical exercises, computer applications

Case Study: Non

Other assignments/homework: 2 Homework

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	60 %
Oral examination	**Non**
Practical/laboratory work	20 %
Other assignments/class work	10 %
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee Dr. Said A. Gawish
Dr. Adel Khedr

Role of external evaluator Non

4- Facilities and teaching materials:

Totally adequate **.Yes.**

Adequate to some extent **……**

Inadequate .....

List any inadequacies

5- Administrative constraints

List any difficulties encountered

- **Introducing a sound system in computer labs**

6- Student evaluation of the course: **Response of course team**

List any criticisms

1. The theoretical part is to much
2. The student must learn how to read, this is done in second year

7- Comments from external evaluator(s): **Response of course team**

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion

None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Dr. Adel Khedr

Signature: Prof. Dr Said A.Gawish

Date: October 2013

Annual Course Report
(Academic year 2012-2013)

A- Basic Information

1- Title and code: Instruments & Measurements II - (E221)

2- Program(s) on which this course is given: Electronic Eng. & Communications Tech. Dpt. - Computer Engineering & Information Technology Dpt.

3- Year/Level of program: Second year / 2nd Semester

4- Unit hours 2

Lectures 2 hrs Tutorial - hrs Practical 2 hrs Total 4 hrs

5- Names of lecturers contributing to the delivery of the course:

Prof. Dr. SHOUMAN E.I. SHOUMAN.

Course coordinator: Prof. Dr. SHOUMAN E.I. SHOUMAN.
External evaluator: None

B- Statistical Information

No. of students attending the course: **No.** 508 **100%**
No. of students completing the course: **No.** 454 **89.37%**

Results:

	No.	%
Passed	393	86.6
Failed	61	13.4

Grading of successful students:

	No.	%
Excellent	61	13.4
Very Good	63	13.9
Good	69	15.2
Pass	200	44.1

C- Professional Information

1 – Course teaching:

Topic	Lecture hours	Practical hours
DC Power and Accurate Resistance Measurements.	2	Prof. Dr. SHOUMAN E.I. SHOUMAN.
AC Power and Very Low Resistance Measurements.	2	
Very High Resistance Measurements.	2	
Capacitance, Inductance Equivalent Circuits, and AC Bridges.	2	
Capacitance and Inductance Measurements Using AC Bridges.	2	
AC Bridges Accuracy and Sensitivity.	2	
Impedance Measurements Based On Resonance.	2	
Non-Electrical Quantities Measurements.	2	
R, L, C, and LVDT Transducers.	2	
Displacement, Temperature, and Photoelectric Transducers.	2	
Semiconductor Photodiode and Phototransistors Transducers.	2	
Data Acquisition Systems.	2	

Data Acquisition Systems.	2	
D/A Converters.	2	
A/D Converters.	2	
Total Hours	30	

percentage of the content specified:

>90 % √ **70-90 %** - **<70%** 100%

Reasons in detail for not teaching any topic None

If any topics were taught which are not specified, give reasons in detail None

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board
Practical training/ laboratory: Measurements and testing laboratory
Seminar/Workshop: None
Class activity:
A monthly discussion of what is given in the previous weeks.

Case Study: None
Other assignments/homework: Bi-weekly assignments
If teaching and learning methods were used other than those specified, list and give reasons:
None

3- Student assessment: Through Quizzes, oral participation in class, midterm exams and attendance reports

Written examination	60 %
Practical examination	20 %
Other assignments/class work	10 %
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee Prof. Dr. SHOUMAN E.I. SHOUMAN.
Role of external evaluator None

4- Facilities and teaching materials: **Dictionaries, Tape recorders….etc**

Totally adequate .Yes.
Adequate to some extent ……
Inadequate ……
List any inadequacies
None

5- Administrative constraints

List any difficulties encountered

- None

6- Student evaluation of the course: **Response of course team**

List any criticisms

None None

7- Comments from external evaluator(s):

External evaluator:

An external experienced person in the field of specialization who is invited to review the structure and content of a program, its relevance to the ILOs, the standards and appropriateness of student assessments and attainment against the specification, and also evaluating the existing learning resources and whether or not they satisfy the program requirements. The institution is responsible for specifying the evaluators' role and appointing them.

State the involvement of the external evaluator in:

- The match between the examination and the topics taught.
- The existence of grading criteria in examination sheets
- The allocation and distribution of marks and weighting
- Effectiveness of the overall assessments in measuring the achievement of the intended learning outcomes (ILOs).

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any none-completion None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Prof. Dr. SHOUMAN E.I. SHOUMAN.

Signature:

Date: August 213

Annual Course Report
Academic year 2012-2013

A- Basic Information

1- Title and code: Data Structure –E240
2- Program(s) on which this course is given: 2nd year Electrical Dept.
3- Year/Level of program: 2nd year
4- Unit hours
Lectures 3 hrs Tutorial - hrs Practical - hr Total 3 hrs
5- Names of lecturers contributing to the delivery of the course
Prof. Dr. El Sayed Mohi El Din Moustafa Rateb
Course coordinator
External evaluator

B- Statistical Information

No. of students attending the course: **No.** 508 **%** 100….

No. of students completing the course: **No.** 457 **%** 100

Results:

	No.	%
Passed	406	88.8
Failed	51	11.1

Grading of successful students:

	No.	%
Excellent	66	14.4
Very Good	97	21.2
Good	89	19.5
Pass	154	33.7

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Introduction	3	
• Arrays	5	
• Linear lists	6	
• Linked lists	7	
• Trees	10	
• Searching	7	
• Sorting	7	
Total hours	**45**	

Topics taught as a percentage of the content specified:

>90 % [√] **70-90 %** [ ] **<70%** [….]

Reasons in detail for not teaching any topic Shortage of time

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

2- Teaching and learning methods:

Lectures: Classical method using white board and colored erasable pens

Practical training/ laboratory: Text books and subject references

Seminar/Workshop: Non

Class activity: Numerical exercises, computer applications

Case Study: Non

Other assignments/homework: 2 Homework

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	70 %
Oral examination	**Non**
Attendance and Homework Assignments	10 %
Programming Assignments /Class Work	10 %
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee Prof. Dr. El Sayed Mohi El Din Moustafa Rateb

Role of external evaluator Non

4- Facilities and teaching materials:

Totally adequate .Yes.

Adequate to some extent ……

Inadequate ……

List any inadequacies

5- Administrative constraints

List any difficulties encountered

- **Introducing a sound system in computer labs**

6- Student evaluation of the course: **Response of course team**

List any criticisms

1. The theoretical part is to much
2. The student must learn how to read, this is done in second year

7- Comments from external evaluator(s): **Response of course team**

1.
2.
3.

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion:
None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Prof. Dr. El Sayed Mohi El Din Moustafa Rateb
Signature: Prof. Dr Said A.Gawish
Date: August 2013

Annual Course Report
Academic year 2012-2013

A- Basic Information

1- Title and code: (M051) Mechanical Eng. Technology
2- Program(s) on which this course is given: Communication Engineering Technology
& Computer Engineering Technology
3- Year/Level of program: 2nd E.E
4- Unit hours
Lectures 2 hrs Tutorial 2 hrs Practical - Total 4 hrs
5- Names of lecturers contributing to the delivery of the course
Dr. Abdelmagid A. Abdalla, Dr. Metwally H. Metwally
Course coordinator Dr. Abdelmagid A. Abdalla
External evaluator: None

B- Statistical Information

No. of students attending the course: **No.** 36 **%** 100

No. of students completing the course: **No** **30** **%** 86.6

Results:

	No.	%
Passed	25	83.3
Failed	5	16.6

Grading of successful students:

	No.	%
Excellent	0	0
Very Good	6	20
Good	3	10
Pass	16	53.3

[16]

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
Importance of Thermodynamics, Fluid Flow, Heat Transfer for Electrical Eng.	4	Dr. Abdelmagid A. Abdalla Dr. Metwally H. Metwally
Fundamentals of Mechanics and Heat	12	
Fluid Flow	12	
Thermodynamics	12	
Heat Transfer	4	
Power Transmission	-	
Total hours	**44**	

Topics taught as a percentage of the content specified:

>90 % … **70-90 %** **73.33** **<70%** ….

Reasons in detail for not teaching any topic:
Actual no. of teaching weeks last term was 12weeks in addition to a midterm exam week.

If any topics were taught which are not specified, give reasons in detail None

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board

Practical training/ laboratory: None

Seminar/Workshop: None

Class activity:

Numerical exercises; solution of problems related to the taught topics. Practicing and analyzing some experiments related to fluid mechanics and thermodynamics.

Case Study: None

Other assignments/homework: Bi-weekly assignments

If teaching and learning methods were used other than those specified, list and give reasons: None

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	70 %
Oral examination	----
Practical/laboratory work	----
Other assignments/class work & activities	20 %
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee Dr. Abdelmagid A. Abdalla
Dr. Metwally H. Metwally

Role of external evaluator None

4- Facilities and teaching materials:

Totally adequate **.Yes.**

Adequate to some extent ---

Inadequate ---

List any inadequacies Non

5- Administrative constraints

List any difficulties encountered None

6- Student evaluation of the course:

List any criticisms **Response of course team**

None

7- Comments from external evaluator(s): **Response of course team**

None

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion

None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Dr. Abdelmagid A Abdalla
Signature:
Date: August 2013

Annual Course Report

(Academic year 2012-2013)

A- Basic Information

1- Title and code: B300: English Language (IV)

2- Program(s) on which this course is given: Information systems & Production Engineering

3- Year/Level of program: 3rd year / 1st Semester

4- Unit hours 2

Lectures hrs Tutorial 2 hrs Total 2 hrs

5- Names of lecturers contributing to the delivery of the course

Abdel-Hamid Mohammed El-Khoreby

Course coordinator : Abdel-Hamid Mohammed El-Khoreby

External evaluator Non

B- Statistical Information

No. of students attending the course: **No.** 556 **%** 100

No. of students completing the course: **No.** 535

Results:

	No.	**%**
Passed	461	86.17
Failed	74	13.83

Grading of successful students:

	No.	**%**
Excellent	42	7.9
Very Good	80	14.95
Good	88	16.44
Pass	251	46.92

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Murder	10	Prof. Dr. Abdel
• A false Charge	2	

• Interviewing Preparation	10	
• Writing a C.V / Resumé	4	
• Revision	4	
Total hours	**30**	

Topics taught as a percentage of the content specified:

>90 % √ **70-90 %** - **<70%** 100%

Reasons in detail for not teaching any topic Non

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

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board

Practical training/ laboratory: Non

Seminar/Workshop: Non

Class activity:

A monthly discussion of what is given in the previous weeks.

Case Study: Non

Other assignments/homework: Bi-weekly assignments

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

3- Student assessment: **Through Quizzes, oral participation in class mid term Exams and attendance reports**

Method of assessment	**Percentage of total: 30%**
Written examination	70 %
Oral examination	**----**
Other assignments/class work	10 %
Mid-Term Exam	20 %
Total	**100 %**

Members of examination committee **Prof. Dr.** Abdel-Hamid Mohammed El-Khoreby
Prof. Dr Hassan Awad

Role of external evaluator Non

4- Facilities and teaching materials: **Dictionaries, Tape recorders….etc**

Totally adequate **.Yes.**

Adequate to some extent **……**

Inadequate **……**

List any inadequacies
Non

5- Administrative constraints

List any difficulties encountered
- Non

6- Student evaluation of the course: **Response of course team**

List any criticisms
Non **Non**

7- Comments from external evaluator(s): **Response of course team**

None **None**

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion
None

9- Action plan for academic year 2013– 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Abdel-Hamid Mohammed El-Khoreby

Signature:
Date: August 2013

Annual Course Report

(Academic year 2012-2013)

A- Basic Information

1- Title and code: Math. V, Complex Analysis, Partial Differential Equations, B311

2- Program(s) on which this course is given:

3- Year/Level of program: 3rd year, 1st Term (Communication, Computer),

4- Unit hours

Lectures 4 hrs Tutorial 2 hrs Practical hr Total 6 hrs

5- Names of lecturers contributing to the delivery of the course

Course coordinator Prof. Dr. Aly Essawi , Prof. Dr. M.A. Kahlifa

External evaluator

B- Statistical Information

No. of students attending the course: **No.** **458** **%** 100

No. of students completing the course: **No.** **437**

Results:

	No.	**%**
Passed	346	79.2
Failed	91	20.8

Grading of successful students:

	No.	**%**
Excellent	23	5.3
Very Good	27	6.2
Good	49	11.2
Pass	247	56.5

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Complex numbers	3	
• Cauchy, Riemann, theorem	4	
• Analytic functions	6	
• Conformal mapping	6	
• Integration of complex functions	9	
• Taylor series	3	
• Laurent series	3	
• Residues, poles	6	
• Integration by reside theorem, application	5	
• Definition of P.D.E , solution	6	
• Classification and types	3	
• Solution of linear P.D.E with constant clefts.	6	
• CaNoneical and standard forms	6	
• Solutions of bawdry value problems	6	
• Heat flaw and steady state heat distribution	6	
• Vibration of astringe	6	
• Vibration of membrance	6	
Total hours	**90**	

Topics taught as a percentage of the content specified:

>90 % [√] **70-90 %** [ ] **<70%** [….]

Reasons in detail for not teaching any topic
If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board, projectors and data show

Practical training/ laboratory: None

Seminar/Workshop: None

Class activity:

Numerical exercises; solution of problems

Case Study: Selected case studies

Other assignments/homework: Bi-weekly assignments

If teaching and learning methods were used other than those specified, list and give reasons: None

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	70 %
Oral examination	**----**
Practical/laboratory work	%
Other assignments/class work	10 %
Mid-Term Exam	20 %
Total	**100 %**
Members of examination committee	**Prof Dr. Aly M. Essawi** **Prof Dr. M.A. Kahlifa**
Role of external evaluator	None

4- Facilities and teaching materials:

Totally adequate	**Yes**
Adequate to some extent	**……**
Inadequate	**……**

List any inadequacies

None

5- Administrative constraints

List any difficulties encountered

- None

6- Student evaluation of the course: **List any criticisms**	**Response of course team**
1. Laboratory exercises are insufficient	
2. Problems with the teaching assistant in exercises	New teacher assistant will be engaged the next academic year.
3. A proposal to extend the subject and lecture it in	The actual content and number of lecturing hours are convenient now, considering the re-determined

two successive semesters graduate profile

7- Comments from external evaluator(s): Response of course team

None

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any None-completion
None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		Prof. Dr. Osama El Gyar

Course coordinator: Prof. Dr. Osama El Gyar
Prof. Dr. Aly M. Essawi

Signature:

Date: August 2013

Annual Course Report

(Academic year 2012-2013)

A- Basic Information

1- Title and code: Microelectronic I - (E301)

2- Program(s) on which this course is given: Electronic Eng. & Communications Tech. Dpt.

3- Year/Level of program: Third year / 1st Semester

4- Unit hours 2

Lectures 2 hrs Tutorial 2 hrs Practical - hrs Total 4 hrs

5- Names of lecturers contributing to the delivery of the course: Prof. Dr. H. TawfiK Kamel

Course coordinator: Prof. Dr. H. TawfiK Kamel
External evaluator: None

B- Statistical Information

No. of students attending the course: **No.** 422 **100%**
No. of students completing the course: **No.** 407 **96.4%**

Results:

	No.	%
Passed	373	91.6
Failed	34	8.4

Grading of successful students:

	No.	%
Excellent	28	6.9
Very Good	49	12.0
Good	67	16.5
Pass	229	56.3

C- Professional Information

1 – Course teaching:

Topic	Lecture hours	Lecturer
• Operational Amplifiers Configurations	2	Prof. Dr. H. TawfiK Kamel
• Applications of Op-Amps	2	
• Op-Amp Differentiator	2	
• Op-Amp Integrator.	2	
• Design of Op-Amp circuits	2	
• Design of Digital to Analog Converter	2	
• Diode Terminal Characteristic	2	
• Design of Half wave & Full wave rectifier	2	
• Diode circuits	2	
• Dido applications (Clippers-clampers)	2	
• BJT transistor circuits	2	
• JFET Transistors	2	
• JFET Trans- conductance & ac parameters	2	
• CMOSFET Functions	2	
• CMOSFET Applications	2	—
Total hours	30	—

percentage of the content specified:

>90 % √ **70-90 %** - **<70%** 100%

Reasons in detail for not teaching any topic None

If any topics were taught which are not specified, give reasons in detail None

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board
Practical training/ laboratory: None
Seminar/Workshop: None
Class activity:
A monthly discussion of what is given in the previous weeks.

Case Study: None
Other assignments/homework: Bi-weekly assignments
If teaching and learning methods were used other than those specified, list and give reasons:
None

3- Student assessment: Through Quizzes, oral participation in class, midterm exams and attendance reports

Written examination	70 %
Practical examination	- %
Other assignments/class work	20 %
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee Prof. Dr. H. TawfiK Kamel
Role of external evaluator None

4- Facilities and teaching materials: **Dictionaries, Tape recorders….etc**

Totally adequate	**.Yes.**
Adequate to some extent	……
Inadequate	……

List any inadequacies
None

5- Administrative constraints
List any difficulties encountered
- None

6- Student evaluation of the course: **Response of course team**
List any criticisms
None — None

7- Comments from external evaluator(s):

External evaluator:

An external experienced person in the field of specialization who is invited to review the structure and content of a program, its relevance to the ILOs, the standards and appropriateness of student assessments and attainment against the specification, and also evaluating the existing learning resources and whether or not they satisfy the program requirements. The institution is responsible for specifying the evaluators' role and appointing them.

State the involvement of the external evaluator in:
- The match between the examination and the topics taught.
- The existence of grading criteria in examination sheets
- The allocation and distribution of marks and weighting
- Effectiveness of the overall assessments in measuring the achievement of the intended learning outcomes (ILOs).

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any none-completion None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Prof. Dr. H. TawfiK Kamel

Signature:

Date: August 2013

Annual Course Report
(Academic year 2012-2013)

A- Basic Information

1- Title and code: Digital Logic Circuits Design - (E321)

2- Program(s) on which this course is given: Electronic Eng. & Communications Tech. Dpt.

3- Year/Level of program: Third year / 1st Semester

4- Unit hours 2

Lectures 2 hrs Tutorial 2 hrs Practical 2 hrs Total 6 hrs

5- Names of lecturers contributing to the delivery of the course: Prof. Dr. Mohi-Eldin Rateb

Course coordinator: Prof. Dr. Mohi-Eldin Rateb
External evaluator: None

B- Statistical Information

No. of students attending the course: **No.** 422 **100%**
No. of students completing the course: **No.** 408 **96.7%**

Results:

	No.	%
Passed	385	94.36
Failed	23	5.64

Grading of successful students:

	No.	%
Excellent	10	2.5
Very Good	31	7.6
Good	67	16.4
Pass	277	67.9

C- Professional Information

1 – Course teaching:

Week No.	Topic	Lecture Hours	Lecture
1	- Introduction -Aims realized through the topics of this subject.	2	Prof. Dr. Mohi-Eldin Rateb
2	• Synthesis of sequential logic circuits -State diagrams and state table representation.	2	
3	-The Mealy and Moore models. -Synthesis procedure of completely specified sequential circuits.	2	
4	• Building state diagram (table) • Using state reduction techniques (state equivalence) and specially the implication chart method.	2	
5	• State assignment techniques. • Excitation functions derivation. - Controllable counters as an example for a Moore model.	2	
6	• Analysis of sequential logic circuits.	2	
7	• Modular Design Approaches using Register Transfers and Data paths - Digital systems subdivision (Data path and control). o Register transfer operations. -Arithmetic micro operations.	2	
8	o Logic micro operations. o Shift micro operations. o Multiplexer-based micro operations. - Tristate bus based transfers.	2	
9	-Memory based transfers. - A data path design proposed model. -Design of arithmetic logic unit (ALU). - Control word based design.	2	
10	• Sequencing Control and Algorithmic State Machines (ASM) -The control unit. -The ASM chart construction.	2	
11	-An illustrative model (binary multiplier).	2	
12	-Hardwired control. - Realization of the sequencing part of the ASM chart using sequence register and decoder and using one flip-flop per state.	2	
13	- Micro programmed control.	2	
14	• Memory System Design o Static RAMs (RAM cell and RAM bit slice) o Coincident selection. o Dynamic RAMs (Basic cell, addressing and refreshing. o Memory system hierarchy. -Cache memory.	2	
15	o Design using ROM-RAM combination. o Design involving decoder implementation. o Design using memory array configuration. -Increasing the size of physical memory space.	2	
	• *Total Hours*	30	

percentage of the content specified:

>90 %	√	70-90 %	-	<70%	100%

Reasons in detail for not teaching any topic None

If any topics were taught which are not specified, give reasons in detail None

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board
Practical training/ laboratory: Logic Design Laboratory
Seminar/Workshop: None
Class activity:
A monthly discussion of what is given in the previous weeks.

Case Study: None
Other assignments/homework: Bi-weekly assignments
If teaching and learning methods were used other than those specified, list and give reasons:
None

3- Student assessment: Through Quizzes, oral participation in class, midterm exams and attendance reports

Written examination	60 %
Practical examination	20 %
Other assignments/class work	10 %
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee Prof. Dr. Mohi-Eldin Rateb
Role of external evaluator None

4- Facilities and teaching materials: **Dictionaries, Tape recorders….etc**

Totally adequate	**.Yes.**
Adequate to some extent	**……**
Inadequate	**……**

List any inadequacies
None

5- Administrative constraints
List any difficulties encountered
- None

6- Student evaluation of the course: **Response of course team**
List any criticisms
None None

7- Comments from external evaluator(s):

External evaluator:

An external experienced person in the field of specialization who is invited to review the structure and content of a program, its relevance to the ILOs, the standards and appropriateness of student assessments and attainment against the specification, and also evaluating the existing learning resources and whether or not they satisfy the program requirements. The institution is responsible for specifying the evaluators' role and appointing them.

State the involvement of the external evaluator in:

- The match between the examination and the topics taught.
- The existence of grading criteria in examination sheets
- The allocation and distribution of marks and weighting
- Effectiveness of the overall assessments in measuring the achievement of the intended learning outcomes (ILOs).

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any none-completion None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Prof. Dr. Mohi-Eldin Rateb

Signature:

Date: August 2013

Annual Course Report
Academic year 2012-2013

A- Basic Information

1- Title and code: Engineering Computer Application 1 –**E330**
2- Program(s) on which this course is given: 3rd year Computer Engineering Dept**.**
3- Year/Level of program: 3rd year
4- Unit hours
Lectures 1 hrs Tutorial - hrs Practical 3 hr Total 4 hrs
5- Names of lecturers contributing to the delivery of the course
Dr. Abd el Monem foda
Course coordinator Dr. Abd El Moneam M.Foda
External evaluator

B- Statistical Information

No. of students attending the course: **No.** 36 **%** …100.
No. of students completing the course: **No.** 32 **%** 96.9

Results:

	No.	%
Passed	31	96.9
Failed	1	3.1

Grading of successful students:

	No.	%
Excellent	3	9.4
Very Good	0	0
Good	12	37.5
Pass	16	50

C- Professional Information
1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• **Introduction to MATLAB.** • **Matrix Operations, Array Operations Vectors and Matrix Operations.**	**1** **2**	
• **Graphing .** • **Data Analysis .**	**2** **1**	
• **Control Flow .**	**1**	
• **M – Files .**	**1**	
• **Advanced Programming in MATLAB**	**1**	
• **Introduction to Simulink**	**2**	
• **Computer Application using MATLAB-Mathematical Models of systems**	4	
Total hours	**15**	

Topics taught as a percentage of the content specified:

>90 % [√] **70-90 %** [ ] **<70%** [….]

Reasons in detail for not teaching any topic

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

2- Teaching and learning methods:

Lectures: Classical lecturing using white board and computer supported learning

Practical training/ laboratory: Computer simulation

Seminar/Workshop: Non

Class activity:
Computer simulation for circuit analysis from different point of view

Case Study: Weekly assignment

Other assignments/homework: 2 Homework

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	60 %
Oral examination	**Non**
Practical/laboratory work	20 %
Other assignments/class work	10 %
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee Prof. Dr. Abd El Moneam M.Foda

Prof. Dr.

Role of external evaluator Non

4- Facilities and teaching materials:

Totally adequate **.Yes.**

Adequate to some extent **……**

Inadequate **……**

List any inadequacies

5- Administrative constraints

List any difficulties encountered

- **Introducing a sound system in computer labs**

6- Student evaluation of the course: **Response of course team**

List any criticisms

1. The theoretical part is to much
2. The student must learn how to read, this is done in second year
3. Some computer language must be tough

7- Comments from external evaluator(s): **Response of course team**

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion

None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator:

Signature: Prof. Dr Said A.Gawish

Date: August 2013

Annual Course Report
(Academic year 2012-2013)

A- Basic Information

1- Title and code: Control Engineering I - (E351)

2- Program(s) on which this course is given: Electronic Eng. & Communications Tech. Dpt.

3- Year/Level of program: Third year / 1st Semester

4- Unit hours 2

Lectures 2 hrs Tutorial 2 hrs Practical 2 hrs Total 6 hrs

5- Names of lecturers contributing to the delivery of the course: Prof. Dr. Magdy O. Tantawy

Course coordinator: Prof. Dr. Magdy O. Tantawy
External evaluator: None

B- Statistical Information

No. of students attending the course: **No.** 422 **100%**
No. of students completing the course: **No.** 405 **95.97%**

Results:

	No.	%
Passed	380	93.8
Failed	25	6.2

Grading of successful students:

	No.	%
Excellent	35	8.6
Very Good	56	13.3
Good	81	20.0
Pass	208	51.4

C- Professional Information

1 – Course teaching:

Topic	Lecture hours	Lecturer
• Introduction to control systems(closed loop versus open loop control)	2	Prof. Dr. Magdy O. Tantawy
• Mathematical background and solving of linear time-invariant differential equations	4	
• Mathematical modeling of dynamic systems 1. Transfer function & impulse response 2. Block diagram system & block algebra. 3. Basics of signal flow graph & Mason's gain formula. 4. Closed loop system subjected to disturbance & error transfer function. 5. State-space representation of dynamic systems & state transition matrix. 6. Modeling & transfer functions of some typical electrical and mechanical systems.	12	

• Transient and steady-state response analyses:- 1. First-order & second-order open and closed loop step response. 2. Effect of roots of the characteristic equation (poles of the system) on the system transient response parameters.	6
• Basic control actions of control systems 1. P, PI, PD, PID controller. 2. Effects of integral and derivative control actions on system performance.	6
Total	30

Percentage of the content specified:

>90 % √ **70-90 %** - **<70%** 100%

Reasons in detail for not teaching any topic None

If any topics were taught which are not specified, give reasons in detail None

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board
Practical training/ laboratory: Control Laboratory
Seminar/Workshop: None
Class activity:
A monthly discussion of what is given in the previous weeks.

Case Study: None
Other assignments/homework: Bi-weekly assignments
If teaching and learning methods were used other than those specified, list and give reasons:
None

3- Student assessment: Through Quizzes, oral participation in class, midterm exams and attendance reports

Written examination	60 %
Practical examination	20 %
Other assignments/class work	10 %
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee Prof. Dr. Magdy O. Tantawy
Role of external evaluator None

4- Facilities and teaching materials: **Dictionaries, Tape recorders….etc**

Totally adequate **.Yes.**

Adequate to some extent **……**

Inadequate **……**

List any inadequacies

None

5- Administrative constraints

List any difficulties encountered

- None

6- Student evaluation of the course: **Response of course team**

List any criticisms

None None

7- Comments from external evaluator(s):

External evaluator:

An external experienced person in the field of specialization who is invited to review the structure and content of a program, its relevance to the ILOs, the standards and appropriateness of student assessments and attainment against the specification, and also evaluating the existing learning resources and whether or not they satisfy the program requirements. The institution is responsible for specifying the evaluators' role and appointing them.

State the involvement of the external evaluator in:
- The match between the examination and the topics taught.
- The existence of grading criteria in examination sheets
- The allocation and distribution of marks and weighting
- Effectiveness of the overall assessments in measuring the achievement of the intended learning outcomes (ILOs).

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any none-completion None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Prof. Dr. Magdy O. Tantawy

Signature:

Date: August 2013

Annual Course Report

Academic year 2012-2013

A- Basic Information

1- Title and code: Operating System 1 - **E361**
2- Program(s) on which this course is given: 3rd year Computer Dept.
3- Year/Level of program: 3rd year
4- Unit hours
Lectures 4 hrs Tutorial 2 hrs Practical hr Total 6 hrs
5- Names of lecturers contributing to the delivery of the course
Dr.Adel Khedr

B- Statistical Information

No. of students attending the course: **No.** 36 **%** …100.

No. of students completing the course: **No.** 33 **%** 78.8

Results:

	No.	%
Passed	29	87.9
Failed	4	12.1

Grading of successful students:

	No.	%
Excellent	3	9.1
Very Good	3	9.1
Good	7	21.2
Pass	16	48.5

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
– Introduction to computer system architecture	6	Prof. Dr. Abdellatief Hussien Abouali
– Common definitions in the field of operating system	3	
– Process management	3	
– CPU scheduling	3	
– Paging and segmentation of memory	3	
– Memory management., Placement, replacement algorithms	6	
– Paging and segmentation of memory	9	
– Virtual memory	6	
– Input/Output management	3	
– Secondary storage management	3	
Total hours	60	

Topics taught as a percentage of the content specified:

>90 % √ **70-90 %** ☐ **<70%** ….

Reasons in detail for not teaching any topic Shortage of time

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

2- Teaching and learning methods:

Lectures: Using white board and computer

Practical training/ laboratory: Computer labs

Seminar/Workshop: Non

Class activity:
Numerical exercises, computer applications

Case Study: Non

Other assignments/homework: 2 Homework

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	80 %
Oral examination	Non
Practical/laboratory work	Non
Other assignments/class work	10 %
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee Prof. Dr. Abdellatief Hussien Abouali

Role of external evaluator Non

4- Facilities and teaching materials:

Totally adequate .Yes.

Adequate to some extent .....

Inadequate .....

List any inadequacies

Administrative constraints

List any difficulties encountered

- **Introducing a sound system in computer labs**

6- Student evaluation of the course: **Response of course team**

List any criticisms

1. The theoretical part is to much
2. The student must learn how to read, this is done in second year
3. Some computer language must be tough

7- Comments from external evaluator(s): **Response of course team**

1.
2.
3.

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion

None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Dr. Adel Khedr
Signature: Prof. Dr Said A.Gawish
Date: **August 213**

Annual Course Report
(Academic year 2012-2013)

A- Basic Information

1- Title and code: Microelectronic II - (E302)

2- Program(s) on which this course is given: Electronic Eng. & Communications Tech. Dpt.

3- Year/Level of program: Third year / 2nd Semester

4- Unit hours 2

Lectures 2 hrs Tutorial - hrs Practical 2 hrs Total 4 hrs

5- Names of lecturers contributing to the delivery of the course: Prof. Dr. Hany Tawfik

Course coordinator: Prof. Dr. Hany Tawfik
External evaluator: None

B- Statistical Information

No. of students attending the course: **No.** 422 **100%**
No. of students completing the course: **No.** 400 **94.8%**

Results:

	No.	%
Passed	379	94.75
Failed	21	5.25

Grading of successful students:

	No.	%
Excellent	76	19.0
Very Good	32	8.0
Good	68	17.0
Pass	203	50.8

C- Professional Information

1 – Course teaching:

Topic	Lecture hours	Practical hours
Bipolar junction transistor amplifier	10	Prof. Dr. Mohamed Atef Bassouney
Frequency response	10	
Feedback	10	
Signal generator and waveform shaping circuits	4	
Total hours	**32**	

Percentage of the content specified:

>90 % √ **70-90 %** - **<70%** 100%

Reasons in detail for not teaching any topic None

If any topics were taught which are not specified, give reasons in detail None

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board

Practical training/ laboratory: microelectronics Laboratory

Seminar/Workshop: None

Class activity:

A monthly discussion of what is given in the previous weeks.

Case Study: None

Other assignments/homework: Bi-weekly assignments

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

None

3- Student assessment: Through Quizzes, oral participation in class, midterm exams and attendance reports

Written examination	60 %
Practical examination	20 %
Other assignments/class work	- %
Mid-Term Exam	20 %
Total	**100 %**

Members of examination committee Prof. Dr. Hany Tawfik

Role of external evaluator None

4- Facilities and teaching materials: **Dictionaries, Tape recorders….etc**

Totally adequate **.Yes.**

Adequate to some extent **……**

Inadequate **……**

List any inadequacies

None

5- Administrative constraints

List any difficulties encountered

- None

6- Student evaluation of the course: **Response of course team**

List any criticisms

None None

7- Comments from external evaluator(s):

External evaluator:

An external experienced person in the field of specialization who is invited to review the structure and content of a program, its relevance to the ILOs, the standards and appropriateness of student assessments and attainment against the specification, and also evaluating the existing learning resources and whether or not they satisfy the program requirements. The institution is responsible for specifying the evaluators' role and appointing them.

State the involvement of the external evaluator in:

- The match between the examination and the topics taught.
- The existence of grading criteria in examination sheets
- The allocation and distribution of marks and weighting
- Effectiveness of the overall assessments in measuring the achievement of the intended learning outcomes (ILOs).

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None
Action State whether or not completed and give reasons for any none-completion None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Prof. Dr. Hany Tawfik
Signature:

Date: August 2013

Annual Course Report

Academic year 2012-2013

A- Basic Information

1-Title and code: ***E303- Digital Signal Processing***

2- Program(s) on which this course is given: Electrical Engineering

3- Year/Level of program: Second Year, 3st semester

4- Unit hours

Lectures 4 hrs Tutorial 2hrs Practical --- Total 6 hrs

5- Names of lecturers contributing to the delivery of the course

Course coordinator. Dr. Kamel Abdel Fattah

External evaluator

B- Statistical Information

No. of students attending the course: **No.** 36 100%

No. of students completing the course: **No.** 30 93.9%

Results:

	No.	%
Passed	24	80
Failed	6	20

Grading of successful students:

	No.	%
Excellent	2	6.7
Very Good	4	13.3
Good	5	16.7
Pass	13	43.3

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Be familiar with the different types of analog and digital signals	4	
• Understand the basic concept of discrete-time signals.	4	
• Be familiar with the different types of systems and signal processing.	4	
• Understand the basic principles of digital filters (FIR and IIR).	4	
• familiar with the different types of systems and signal processing.	4	
• Understand the basic operations of A/D and D/A converters	4	

• Be familiar with the sampling theorem, Nyquist condition, and aliasing error.	4	
• Understand the basic of different frequency transformations	4	
• Understand the basic of auto-correlation and cross-correlation principles.	4	
• Understand the convolution principles of linear time invariant systems	4	
• Understand the basic principles of digital filters (FIR and IIR).	4	
• Be familiar with the analysis and design methods of FIR and IIR digital filters.	4	
• Illustrate the potential applications of digital signal processing in practice.	4	
• digital filters (FIR and IIR).	4	
• operations of A/D and D/A converters.	4	
Total hours	60	

Topics taught as a percentage of the content specified:

>90 % 100 **70-90 %** **<70%** ….

Reasons in detail for not teaching any topic Non

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

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and data show

Practical training/ laboratory: non
Seminar/Workshop: ------
Class activity:
exercises, , quizes, problems

Researches: ----

Other assignments/homework: weekly assignments

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

3- Student assessment:

Method of assessment	Percentage of total
Final examination	70 %
Oral examination	----
Practical/laboratory work	---%
Assignments/class work	20%
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee Dr. Kamel Abdel Fattah

Role of external evaluator Non

4- Facilities and teaching materials:

Totally adequate **yes**

Adequate to some extent ----

Inadequate **……**

List any inadequacies
Non

5- Administrative constraints

List any difficulties encountered
Non

6- Student evaluation of the course: **Response of course team**
List any criticisms

7- Comments from external evaluator(s): **Response of course team**

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
None

9- Action plan for academic year 2013– 2014

None

Course coordinator: Dr. Kamel Abdel Fattah
Signature:
Date: August 2013

Annual Course Report
Academic year 2012-2013

A- Basic Information

1- Title and code: Engineering Computer Application II - E 331
2- Program(s) on which this course is given: 3rd year Computer Dept.
3- Year/Level of program: 3rd year
4- Unit hours
Lectures 1 hrs Tutorial - hrs Practical 3 hr Total 4 hrs
5- Names of lecturers contributing to the delivery of the course
Dr. Abd El Moneam Foda
Course coordinator
External evaluator

B- Statistical Information

No. of students attending the course: **No.** 36 **%** …100.

No. of students completing the course: **No.** 30 **%** 100

Results:

	No.	%
Passed	30	100
Failed	0	0

Grading of successful students:

	No.	%
Excellent	5	16.7
Very Good	8	26.7
Good	8	26.7
Pass	9	30

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• **Introduction to PSPICE.**	**1**	Prof. Dr. Abd El Moneam Foda
• **DC Analysis.**	**2**	
• **AC Circuit Analysis.**	**2**	
• **Transient Circuit Analysis.**	**2**	
• **Non Linear Devices Modeling.**	**2**	
• **Diodes Models and transistors Models.**	**3**	
• **Operational Amplifiers Circuits**	**2**	
• **Digital circuits simulation**	**1**	
Total hours	**15**	

Topics taught as a percentage of the content specified:

>90 %	√	70-90 %		<70%	….

Reasons in detail for not teaching any topic Shortage of time

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

2- Teaching and learning methods:

Lectures: Using white board and computer

Practical training/ laboratory: Computer labs

Seminar/Workshop: Non

Class activity: Numerical exercises, computer applications

Case Study: Non

Other assignments/homework: 2 Homework

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	60 %
Oral examination	**Non**
Practical/laboratory work	20 %
Other assignments/class work	10 %
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee Prof. Dr. Abd El Moneam Foda
Prof. Dr. Fhim Khalifa

Role of external evaluator Non

4- Facilities and teaching materials:

Totally adequate	**.Yes.**
Adequate to some extent	**……**
Inadequate	**……**

List any inadequacies

5- Administrative constraints

List any difficulties encountered

- **Introducing a sound system in computer labs**

6- Student evaluation of the course: **Response of course team**

List any criticisms

1. The theoretical part is to much
2. The student must learn how to read, this is done in second year
3. Some computer language must be tough

7- Comments from external evaluator(s): **Response of course team**

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion

None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator:

Signature: Prof. Dr Said A.Gawish

Date: August 2013

Annual Course Report

Academic year 2012-2013

A- Basic Information

1- Title and code: Database Systems- E333
2- Program(s) on which this course is given: 3rd year Computer Dept.
3- Year/Level of program: 3rd year
4- Unit hours
Lectures 2hrs Tutorial 1 hrs Practical 1 hr Total 4hrs
5- Names of lecturers contributing to the delivery of the course

Course coordinator. Dr. Adel Ahmed Khedr
External evaluator

B- Statistical Information

No. of students attending the course: **No.** 36 **%** …100.

No. of students completing the course: **No.** 29 **%** 80.

Results:

	No.	%
Passed	28	96.5
Failed	1	3.4

Grading of successful students:

	No.	%
Excellent	8	27.6
Very Good	6	20.7
Good	5	17.2
Pass	9	31

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Database concepts and fundamentals	2	
• Database definitions	2	
• Entity-Relationship diagram (data modeling)	4	
• Converting data model into schema design	4	
• Normalization forms	2	
• Integrity, security, and consistency of databases	2	
• Distributed database	2	
• Structured Query Language	10	
Total hours	**30**	

Topics taught as a percentage of the content specified:

>90 % [√] **70-90 %** [ ] **<70%** [….]

Reasons in detail for not teaching any topic Shortage of time

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

2- Teaching and learning methods:

Lectures: Using white board and computer

Practical training/ laboratory: Computer labs

Seminar/Workshop: Non

Class activity: Numerical exercises, computer applications

Case Study: Non

Other assignments/homework: 4 Homework

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	60 %
Oral examination	**Non**
Practical/laboratory work	20 %
Other assignments/class work	10 %
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee Prof. Dr. Adel Ahmed Khedr

Prof. Dr.

Role of external evaluator Non

4- Facilities and teaching materials:

Totally adequate .Yes.

Adequate to some extent ……

Inadequate ……

List any inadequacies

5- Administrative constraints

List any difficulties encountered

- **Introducing a sound system in computer labs**

6- Student evaluation of the course: **Response of course team**

List any criticisms

1. The theoretical part is to much
2. The student must learn how to read, this is done in second year
3. Some computer language must be tough

7- Comments from external evaluator(s): **Response of course team**

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion
None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Dr. Adel Khder
Signature: Prof. Dr Said A.Gawish
Date: August 2013

Annual Course Report
Academic year 2012-2013

A- Basic Information

1- Title and code: Electric Machines & Power Systems - (E362)

2- Program(s) on which this course is given: Electronic Eng. & Communications Tech. Dpt. - Computer Engineering & Information Technology Dpt.

3- Year/Level of program: Third year / 2nd Semester

4- Unit hours 2

Lectures 2 hrs Tutorial 2 hrs Practical 1 hrs Total 5 hrs

5- Names of lecturers contributing to the delivery of the course: Prof. Dr. Said A. Gawish

Course coordinator: Prof. Dr. Said A. Gawish

External evaluator: None

B- Statistical Information

No. of students attending the course: **No.** 422 **100%**

No. of students completing the course: **No.** 398 **94.3%**

Results:

	No.	%
Passed	386	96.98
Failed	12	3.02

Grading of successful students:

	No.	%
Excellent	90	22.6
Very Good	59	14.8
Good	84	21.1
Pass	153	38.4

C- Professional Information

1 – Course teaching:

Topic	Lecture hours	Lecturer
• Circuit analysis of transformers	4	Prof. Dr. Said A. Gawish
• Transformer construction	2	
o Equivalent circuit of a transformer	2	
• Transformer test	2	
• Construction of dc machines	2	
• Classification of dc machines	2	
• Circuit equations of dc machines	2	
• DC machine efficiency	2	
• Construction of induction motors	2	
• Torque-speed characteristics	2	
• Efficiency of induction motors	2	
• Circuit equations of synchronous machines	2	
• Construction of synch machines	2	
• Operation of synch machines	2	
Total hours	**30**	

Percentage of the content specified:

>90 % √ **70-90 %** - **<70%** 100%

Reasons in detail for not teaching any topic None

If any topics were taught which are not specified, give reasons in detail None

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board
Practical training/ laboratory: Computer Lab.
Seminar/Workshop: None
Class activity:
A monthly discussion of what is given in the previous weeks.

Case Study: None
Other assignments/homework: Bi-weekly assignments
If teaching and learning methods were used other than those specified, list and give reasons:
None

3- Student assessment: Through Quizzes, oral participation in class, midterm exams and attendance reports

Written examination	60 %
Practical examination	20 %
Other assignments/class work	10 %
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee Prof. Dr. Said A. Gawish
Role of external evaluator None

4- Facilities and teaching materials: **Dictionaries, Tape recorders….etc**

Totally adequate	**.Yes.**
Adequate to some extent	……
Inadequate	……

List any inadequacies
None

5- Administrative constraints

List any difficulties encountered

- None

6- Student evaluation of the course: **Response of course team**

List any criticisms
None — None

7- Comments from external evaluator(s):

External evaluator:

An external experienced person in the field of specialization who is invited to review the structure and content of a program, its relevance to the ILOs, the standards and appropriateness of student assessments and attainment against the specification, and also evaluating the existing learning resources and whether or not they satisfy the program requirements. The institution is responsible for specifying the evaluators' role and appointing them.

State the involvement of the external evaluator in:

- The match between the examination and the topics taught.
- The existence of grading criteria in examination sheets
- The allocation and distribution of marks and weighting
- Effectiveness of the overall assessments in measuring the achievement of the intended learning outcomes (ILOs).

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any none-completion None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Prof. Dr. Said A. Gawish

Signature:

Date: August 213

Annual Course Report
Academic year 2012-2013

A- Basic Information

1- Title and code: Project-E399
2- Program(s) on which this course is given: Computer Engineering dept.
3- Year/Level of program: 3rd Year (Computers Engineering)
4- Unit hours
Lectures 1 hrs Tutorial --- hrs Practical 3 hr Total 4 hrs
5- Names of lecturers contributing to the delivery of the course
Prof. Dr. Said Gawish
Course coordinator Prof. Dr.
External evaluator

B- Statistical Information

No. of students attending the course: **No.** 36 **%** 100….

No. of students completing the course: **No.** 32 **%** 100

Results:

	No.	%
Passed	32	100
Failed	0	0

Grading of successful students:

	No.	%
Excellent	14	43.8
Very Good	13	40.6
Good	3	9.4
Pass	2	6.3

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Project background	6	
• Project activities	4	
• Practical implementation	-	
• Production of final product	-	
• Testing and correcting output	-	
• Preparing for project presentation	4	
Total hours	**14**	

Topics taught as a percentage of the content specified:

>90 % […√….] **70-90 %** […….] **<70%** […….]

Reasons in detail for not teaching any topic
If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures: Non

Practical training/ laboratory: Computer and electronic lab

Seminar/Workshop: Yes

Class activity:

Non

Case Study: Non

Other assignments/homework: …….

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	----
Oral examination	----
Practical/laboratory work	30
Other assignments/class work	70
Mid-Term Exam	----
Total	**100 %**

Members of examination committee Dr..
Dr.
Dr.

Role of external evaluator

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	Totally
Inadequate	……

List any inadequacies

5- Administrative constraints

List any difficulties encountered

- **……**
- **……**

6- Student evaluation of the course: **Response of course team**

List any criticisms

1
2.
3.

7- Comments from external evaluator(s): **Response of course team**

1.
2.
3.

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion: None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator:
Signature: Prof. Dr Said A.Gawish
Date: August 2013

Annual Course Report
Academic year 2012-2013

A- Basic Information

1- Title and code*: (M360)Industrial Psychology*
2- Program(s) on which this course is given: *Manufacturing Production Engineering & Tech.*
3- Year/Level of program:
4- Unit hours
Lectures 2 hrs Tutorial hrs Practical - Total 2 hrs
5- Names of lecturers contributing to the delivery of the course
Prof. Dr. Mamdouh Saber Elsayed
Course coordinator
External evaluator: None

B- Statistical Information

No. of students attending the course: **No.** 422 **%** 100

No. of students completing the course: **No.**394 **%** 93.4

Results:

	No.	%
Passed	4	1
Failed	3	0.8

Grading of successful students:

	No.	%
Excellent	58	24.3
Very Good	91	22.8
Good	109	27.3
Pass	96	24

C- Professional Information
1 – Course teaching

Topic Actually taught	No. of hours			Lecturer
	L	T	P	
Industrial Design - Design Concepts	2	-	-	*Prof. Dr. Mamdouh Saber Elsayed*
Ergonomics	2	-	-	
Application of ergonomics – Instruments – Controls – Workplace	2	-	-	
Aesthetic and ergonomics consideration	2	-	-	
Working conditions and Environment	2	-	-	
Heating and Ventilation	2	-	-	
Industrial *Ventilation – Local Ventilation*	2	-	-	
Air condition systems	2	-	-	
CFC'S – Ozone depletion and Global warming	2	-	-	
Noise – Exposure to noise	2	-	-	
Noise control technique – Vibration	2	-	-	

Lighting – Level of illumuinance	2	-	-	
Factors affecting the quality of lighting	2	-	-	
Human effectiveness	2	-	-	
Total hours	**28**			

Topics taught as a percentage of the content specified:

>90 % 100… **70-90 %** **<70%** ….

Reasons in detail for not teaching any topic:

If any topics were taught which are not specified, give reasons in detail None

2- Teaching and learning methods:

Lectures: Classical lecturing using white board

Practical training/ laboratory: *Teaching aids and life components and assembly*

Seminar/Workshop: None

Class activity:

Case Study: *Selected case studies*

Other assignments/homework: *Two reports*

If teaching and learning methods were used other than those specified, list and give reasons: *None*

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	70 %
Oral examination	**----**
Practical/laboratory work	…..
Other assignments/class work & activities	20 %
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee *Prof . Dr. Mamdouh Saber*

Role of external evaluator None

4- Facilities and teaching materials:

Totally adequate	**.Yes.**
Adequate to some extent	**……**
Inadequate	**……**
List any inadequacies	Non

5- Administrative constraints

List any difficulties encountered

1- Limitation of number of data show in the principal building

2- Courses are shared between two buildings

6- Student evaluation of the course:

List any criticisms	**Response of course team**
It is recommended to have exercise hero	Limited by the supreure council of higher education

7- Comments from external evaluator(s): **Response of course team**

None

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion

None

9- Action plan for academic year 2013 – 2014

Actions required	**Completion date**	**Person responsible**
New solving problems		
More teaching aids		

Course coordinator: *Prof . Dr. Mamdouh Saber*

Signature:

Date: August 2013

.Annual Course Report
(Academic year 2012-2013)

A- Basic Information

1- Title and code: B401 : Environmental science and Technology
2- Program(s) on which this course is given: Comm. Dept and Comp Dept.
3- Year/Level of program: 4th Year
4- Unit hours
Lectures 3hrs Tutorial - hrs Practical - hr Total 3 hrs

5- Names of lecturers contributing to the delivery of the course
Dr. A. M. Aboutaleb Prof. Dr. S. Guoda
Course coordinator Dr. A. M. Aboutaleb
External evaluator Non

B- Statistical Information

No. of students attending the course: **No. 436** **%** 100

No. of students completing the course: **No. 418**

Results:

Passed **No. 416** **% 99. 5**

Failed **No. 2** **% 0.5**

Grading of successful students:

		%
Excellent	**65**	**15.55**
Very Good	**130**	**31.1**
Good	**107**	**25.59**
Pass	**114**	**27.27**

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Population Growth and the Environment	5	Prof. Dr. S. R. Gouda
• Energy	7	
• Technology Transfer	6	
• Air Pollution	8	
• Water Pollution	4	
• Noise Pollution	6	
• Environmental Impact Assessment and the Egypt law No.4 of 1994 on the Environment.	6	
• Final Revision	3	
Total hours	**45**	

Topics taught as a percentage of the content specified: **> 90%**

Reasons in detail for not teaching any topic **Non**

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

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and computer supported learning

Practical training/ laboratory: Non

Seminar/Workshop: Seminar

Class activity: Discussion Environmental Problem & some Assignments

Case Study: Selected case studies

Other assignments/homework: Bi-weekly assignments

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

3- Student assessment:

Method of assessment	Percentage of total
Written examination	70 %

Oral examination	**----**
Practical/laboratory work	**---%**
Other assignments/class work	**10 %**
Mid-Term Exam	**20 %**
Total	**100 %**

Members of examination committee Dr. A. M. Aboutaleb

Dr. S.Gouda

Role of external evaluator Non

4- Facilities and teaching materials:

Totally adequate **.Yes.**

Adequate to some extent **100%**

Inadequate **-**

List any inadequacies
Non

5- Administrative constraints

List any difficulties encountered
Non

6- Student evaluation of the course: **Response of course team**
List any criticisms
Non **Non**

7- Comments from external evaluator(s): **Response of course team**
Non **Non**

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion
None

9- Action plan for academic year 2013– 2014

Actions required	Completion date	Person responsible
None	None	None

Course coordinator: Prof. Dr. Aboutaleb
Signature:
Date: August 2013

Annual Course Report
Academic year 2012-2013

A- Basic Information

1- Title and code: Mathematics IV - (B411)

2- Program(s) on which this course is given: Computer Engineering & Information Technology Dpt Electronic Engineering & Communication Technology Dpt. - Manufacturing Engineering & Production Technology Dpt.

3- Year/Level of program: Fourth year / 1st Semester

4- Unit hours 2

Lectures 3 hrs Tutorial 2 hrs Practical - hrs Total 5 hrs

5- Names of lecturers contributing to the delivery of the course: Prof. Ossama El Gayar
Course coordinator: Prof. Ossama El Gayar
External evaluator: None

B- Statistical Information

No. of students attending the course: **No.** 383 **100%**
No. of students completing the course: **No.** 377 **98.43%**

Results:

	No.	%
Passed	367	97.35
Failed	10	2.65

Grading of successful students:

	No.	%
Excellent	123	32.6
Very Good	80	21.2
Good	55	14.6
Pass	109	28.9

C- Professional Information

1 – Course teaching:

Topic	Lecture hours	Lecturer
• Least square Approximation – lagrange	3	Prof. Ossama El Gayar
• Newton Interpolation	3	
• Newton – cotes Integration method.1	3	
• Newton – cotes Integration Method-2	3	
• Romberge-Integration method	3	
• Numerical solution of O.D.E	3	
• Runge- Kutta Methods	3	
• Numerical solution of linear equation.	3	
• Numerical solution of nonlinear merge	3	

• Numerical solution of P.D.E	3	
• The probability space-conditional Probability	3	2
• Probability function and distributions	3	2
• Discrete and continuous Distribution	3	2
• Statistical Estimation- correlation factor	3	2
Total hours	**45**	**30**

Percentage of the content specified:

>90 % √ **70-90 %** - **<70%** 100%

Reasons in detail for not teaching any topic None

If any topics were taught which are not specified, give reasons in detail None

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board
Practical training/ laboratory: None
Seminar/Workshop: None
Class activity:
A monthly discussion of what is given in the previous weeks.

Case Study: None
Other assignments/homework: Bi-weekly assignments
If teaching and learning methods were used other than those specified, list and give reasons:
None

3- Student assessment: Through Quizzes, oral participation in class, midterm exams and attendance reports

Written examination 70 %
Practical examination - %
Other assignments/class work 20 %
Mid-Term Exam 10 %
Total **100 %**
Members of examination committee Prof. Ossama El Gayar
Role of external evaluator None

4- Facilities and teaching materials: **Dictionaries, Tape recorders….etc**
Totally adequate **.Yes.**
Adequate to some extent ……
Inadequate ……
List any inadequacies
None

5- Administrative constraints

List any difficulties encountered

- None

6- Student evaluation of the course: **Response of course team**

List any criticisms

None None

7- Comments from external evaluator(s):

External evaluator:

An external experienced person in the field of specialization who is invited to review the structure and content of a program, its relevance to the ILOs, the standards and appropriateness of student assessments and attainment against the specification, and also evaluating the existing learning resources and whether or not they satisfy the program requirements. The institution is responsible for specifying the evaluators' role and appointing them.

State the involvement of the external evaluator in:
- The match between the examination and the topics taught.
- The existence of grading criteria in examination sheets
- The allocation and distribution of marks and weighting
- Effectiveness of the overall assessments in measuring the achievement of the intended learning outcomes (ILOs).

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None
Action State whether or not completed and give reasons for any none-completion None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Prof. Ossama El Gayar
Signature:

Date: August 2013

Annual Course Report
Academic year 2012-2013

A- Basic Information

1- Title and code: Computer Architecture I - E 414
2- Program(s) on which this course is given: 4th year Computer Engineering Dept.
3- Year/Level of program: 4th year
4- Unit hours
Lectures 4 hrs Tutorial 2 hrs Practical ---hr Total 6 hrs
5- Names of lecturers contributing to the delivery of the course
Prof. Dr. Sabry Abd Elmouty
Course coordinator Prof. Dr. Hany Tawfik
External evaluator

B- Statistical Information

No. of students attending the course: **No.** 30 **%** 100…

No. of students completing the course: **No.** 28 **%** 80

Results:

26	**No.**	**%**
Passed	26	92.85
Failed	2	7.14

Grading of successful students:

	No.	**%**
Excellent	1	3.57
Very Good	3	10.71
Good	7	25
Pass	15	53.57

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Basic Structure of computer	2	Prof. Dr. Sabry Abed Ate
• Addressing modes	4	
• Arithmetic and logic unit	8	
• Memory unit	4	
• Secondary starge	4	
• Computer Architecture	4	
• Operating system sopport	2	
• Programming the Basic computer	2	
Total hours	**30**	

Topics taught as a percentage of the content specified:
>90 % √ . **70-90 %** ☐ **<70%** ….

Reasons in detail for not teaching any topic
If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures: Using boards

Practical training/ laboratory: Experiments

Seminar/Workshop: Non

Class activity:
Solution of problems, and analyzing of reports

Case Study: to be Selected

Other assignments/homework: by weekly

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	70
Oral examination	**----**
Practical/laboratory work	10
Other assignments/class work	10
Mid-Term Exam	10
Total	**100 %**

Members of examination committee Dr.. Sabry Mohamed abed El moetty

Role of external evaluator

4- Facilities and teaching materials:

Totally adequate Yes

Adequate to some extent Totally

Inadequate .....

List any inadequacies

5- Administrative constraints

List any difficulties encountered

- **Limitation of number of data show in the principal building.**
- **Limitation of number of operation experiments in the laboratory.**

6- Student evaluation of the course: **Response of course team**

List any criticisms

1
2.
3.

7- Comments from external evaluator(s): **Response of course team**

1.
2.
3.

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion

None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Prof. Dr. Sabry Abd Elmouty
Signature: Prof. Dr Said A.Gawish
Date: August 2013

Annual Course Report
2012-2013

A- Basic Information

1- Title and code: Microprocessors-Based System I- E421
2- Program(s) on which this course is given: 4th year Computer Engineering Dept.
3- Year/Level of program: 4th year
4- Unit hours
Lectures 3 hrs Tutorial 2 hrs Practical 1 hr Total 6hrs
5- Names of lecturers contributing to the delivery of the course
Prof. Dr. Ramadan Mahmoud Mustafa
Course coordinator Prof. Dr. Hany Tawfik
External evaluator

B- Statistical Information

No. of students attending the course: **No.** 30 **%** 100…

No. of students completing the course: **No.** 28 **%** 89.88

Results:

	No.	%
Passed	25	92.59
Failed	2	7.4

Grading of successful students:

	No.	%
Excellent	1	3.70
Very Good	4	14.81
Good	2	7.41
Pass	18	66.67

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Numbering and coding systems	4	Prof. Dr. Ramadan Mustafa
• Architecture of 8 bit and bit microprocessor	6	
• Intel microprocessor form 8086 to Pentium	6	
• Inside the 8086 / 8088 microprocessor	6	
• Segment register and addresses	8	Prof. Dr. Hany Tawfik
• 80X86 addressing modes	6	
• Programming the 80X86 directives	8	
• The 80X86 instruction	8	
• Methods of address decoding	4	
• Programming input / Output	6	
Total hours	**45**	

Topics taught as a percentage of the content specified:

>90 % [√ .] **70-90 %** [ ] **<70%** [….]

Reasons in detail for not teaching any topic
If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures: classical learning using white board

Practical training/ laboratory: - Laboratory training hits & computer

- Typical laboratory application

Seminar/Workshop: Non

Class activity:
Application and reports

Case Study: to be Selected

Other assignments/homework: by weekly

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	60
Oral examination	----
Practical/laboratory work	20
Other assignments/class work	5
Mid-Term Exam	15
Total	**100 %**

Members of examination committee Prof. Dr. Ramadan Mahmoud Mustafa
Prof. Dr. Hany Tawfik

Role of external evaluator

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	Non
Inadequate	……

List any inadequacies

5- Administrative constraints

List any difficulties encountered

- **Limitation of number of data show in the principal building**
- **Limitation of number of operation experiments in the laboratory**

6- Student evaluation of the course: **Response of course team**

List any criticisms

1
2.
3.

7- Comments from external evaluator(s): **Response of course team**

.
None

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None
Action State whether or not completed and give reasons for any non-completion
None
9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Prof. Dr. Ramadan Mahmoud Mustafa
Prof. Dr. Hany Tawfik
Signature: Prof. Dr Said A.Gawish
Date: August 2013

Annual Course Report

2012-2013

A- Basic Information

1- Title and code: Digital Image Processing E 451

2- Program(s) on which this course is given: 4th year Computer Engineering Dept.

3- Year/Level of program: 4th year

4- Unit hours

Lectures 4 hrs Tutorial 1 hrs Practical 2 hr Total 7 hrs

5- Names of lecturers contributing to the delivery of the course

Course coordinator Prof. Dr. Abdellatief Hussien Abouali
External evaluator

B- Statistical Information

No. of students attending the course: **No.** 30 **%** …100…

No. of students completing the course: **No.** 28 **%** 80

Results:

	No.	%
Passed	27	96.44
Failed	1	3.57

Grading of successful students:

	No.	%
Excellent	0	0
Very Good	4	14.29
Good	4	14.29
Pass	19	67.86

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Digitization of an Image	4	
• Digital image processing based sys overview	4	
• Basic operation on image element	8	
• Image transformation and basic operation	6	
• Image enhancement technique	12	
• Image segmentation	8	
• Image encoding	12	
• Color Image Processing	6	
Total hours	**60**	

Topics taught as a percentage of the content specified:

>90 % [√] **70-90 %** [ ] **<70%** [….]

Reasons in detail for not teaching any topic
If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures: Perfection of different image operation

Practical training/ laboratory: Implementation of different operation on image

Photoshop and MATLAB software package - C++ Develop Meant Tools

Seminar/Workshop: N/A

Class activity:

Project presented by each group

Case Study: Application of different Perfection

Other assignments/homework: 4 - assignment

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	50
Oral examination	**----**
Practical/laboratory work	15
Other assignments/class work	15
Mid-Term Exam	20
Total	**100 %**
Members of examination committee	Dr. Abd El monem Foda
Role of external evaluator	

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	Totally
Inadequate	Non

List any inadequacies

5- Administrative constraints

List any difficulties encountered

- **Limitation of number of data show in the principal building.**
- **Limitation of number of operation experiments in the laboratory.**

6- Student evaluation of the course: **Response of course team**

List any criticisms

1
2.
3.

7- Comments from external evaluator(s): **Response of course team**

1.
2.
3.

8- Course enhancement:

Multimedia package are required for developing more practical training about image processing.

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion

None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator:

Signature: Prof. Dr Said A.Gawish

Date: August 2013

Annual Course Report
2012-2013

A- Basic Information

1- Title and code Operating Systems (2)- E 461
2- Program(s) on which this course is given: 4th year Computer Dept.
3- Year/Level of program: 4th year
4- Unit hours
Lectures 4 hrs Tutorial 2 hrs Practical 0 hr Total 6 hrs
5- Names of lecturers contributing to the delivery of the course
Assoc. Dr. Khalid Morsy
External evaluator

B- Statistical Information

No. of students attending the course: **No.** 30 **%** 100…
No. of students completing the course: **No.** 28 **%** 93.33
Results:

	No.	%
Passed	26	92.86
Failed	2	7.14

Grading of successful students:

	No.	%
Excellent	0	0
Very Good	3	10.71
Good	5	17.86
Pass	18	64.29

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Processes, Threads and Multithreading	6	
• System Calls and Interrupts	6	
• Inter-process Communication	6	
• Software Concepts	6	
• System Security	6	
• Flynn ‘s classical Taxonomy	6	
• Multiprocessor Synchronization	6	
• Clock synchronization	6	
• Mutual exclusion algorithms	6	
• Process & processor in distributed systems	6	
Total hours	**60**	

Topics taught as a percentage of the content specified:

>90 % √ . **70-90 %** ☐ **<70%** ….

Reasons in detail for not teaching any topic
If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures: classical learning using

Practical training/ laboratory: Experiments

Seminar/Workshop: Non

Class activity:
Solution of problems, discutions and analyzing of reports

Case Study: to be Selected

Other assignments/homework: by weekly

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	90
Oral examination	10
Practical/laboratory work	20
Other assignments/class work	10
Mid-Term Exam	20
Total	**100 %**

Members of examination committee Dr. Khalid Morsy
Dr.

Role of external evaluator

4- Facilities and teaching materials:

Totally adequate Yes

Adequate to some extent Totally

Inadequate ……

List any inadequacies

5- Administrative constraints

List any difficulties encountered

- **Limitation of number of data show in the principal building.**
- **Limitation of number of operation experiments in the laboratory.**

6- Student evaluation of the course: **Response of course team**

List any criticisms

1
2.
3.

7- Comments from external evaluator(s): **Response of course team**

1.
2.
3.

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion

None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Dr. Khalid Morsy
Signature: Prof. Dr Said A.Gawish
Date: August 2013

(Academic year 2012-2013)

A- Basic Information

1- Title and code: International Business Management, B412
2- Program(s) on which this course is given: Comp. Eng & Inf. Tech. Dept.
Electronic Eng & Com. Tech Dept.
3- Year/Level of program:4th year, 2nd Term
4- Unit hours
Lectures 3 hrs Tutorial - Practical - Total 3 hrs

5- Names of lecturers contributing to the delivery of the course

Course coordinator Prof. Dr. Hassan A. Awad
External evaluator Non

B- Statistical Information

No. of students attending the course: **No. 436** **%** 100
00

No. of students completing the course: **No. 416**

Results:

	No.	%
Passed	383	92.1
Failed	33	7.9

Grading of successful students:

	No.	%
Excellent	41	9.8
Very Good	63	15.14
Good	109	26.2
Pass	170	40.86

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Interdiction to Management and organizations	7	Prof. Dr. Hassan A. Awad
• Today Management current trends and issues.	7	
• Organizational culture and Environment: Constraints.	7	
• Decision making- the Essence of the manager's job	5	
• International Business an overview	13	
• Strategic Management	3	
• Final Revision	3	
Total hours	**45**	

Topics taught as a percentage of the content specified:

>90 % √ **70-90 %** - **<70%** -

Reasons in detail for not teaching any topic: Non
If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board, projectors and data show .

Practical training/ laboratory: Non

Seminar/Workshop: √

Class activity:

Training of students how to introduce their Assignments using data show

Case Study: Selected case studies

Other assignments/homework: Bi-weekly assignments

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

3- Student assessment: Weekly

Method of assessment	**Percentage of total**
Written examination	70%
Oral examination	**----**
Practical/laboratory work	- %
Other assignments/class work	10 %
Mid-Term Exam	20 %
Total	**100 %**

Members of examination committee Prof. Dr. Hassan . A. Awad.

Role of external evaluator Non

4- Facilities and teaching materials: White Board

Totally adequate **.Yes.**

Adequate to some extent	**100%**
Inadequate	-

List any inadequacies
Non

5- Administrative constraints
List any difficulties encountered
- Non

6- Student evaluation of the course:	**Response of course team**
List any criticisms	
Non	**Non**

7- Comments from external evaluator(s): **Response of course team**
Non

Non

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion
None

9- Action plan for academic year 2013-2014

Actions required	Completion date	Person responsible
None	Nov.	

Course coordinator: Prof. Dr Hassan A. Awad
Signature:
Date: August 2013

Annual Course Report
2012-2013

A- Basic Information

1- Title and code: Summer Training -**E400**

2- Program(s) on which this course is given: Computer Engineering dept.

3- Year/Level of program: 4th Year (Computers Engineering)

4- Unit hours

Lectures --- hrs Tutorial --- hrs Practical --- hr Total --- hrs

5- Names of lecturers contributing to the delivery of the course

Prof. Dr.
Course coordinator Prof. Dr. Said Gawish
External evaluator

B- Statistical Information

No. of students attending the course: **No.** --- **%** ---

No. of students completing the course: **No.** --- **%** ---

Results:

	No.	%
Passed	-	-
Failed	-	-

Grading of successful students:

	No.	%
Excellent	-	-
Very Good	-	-
Good	-	-
Pass	-	-

C- Professional Information

000

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Business area		
•		
•		
Total hours		

Topics taught as a percentage of the content specified:

>90 % …√…. **70-90 %** ……. **<70%** …….

Reasons in detail for not teaching any topic
If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures: Non

Practical training/ laboratory: Yes

Seminar/Workshop: Yes

Class activity:

Non

Case Study: Yes

Other assignments/homework: No

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	20
Oral examination	---
Practical/laboratory work	30
Other assignments/class work	---
Mid-Term Exam	50
Total	**50 %**

Members of examination committee Dr..
Dr.
Dr.

Role of external evaluator

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	Tottaly
Inadequate	……

List any inadequacies

5- Administrative constraints

List any difficulties encountered

- **……**
- **……**

6- Student evaluation of the course: **Response of course team**

List any criticisms

1
2.
3.

7- Comments from external evaluator(s): **Response of course team**

1.
2.
3.

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion: None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator:

Signature: Prof. Dr. Said Gawish
Date: August 2013

Annual Course Report
2012-2013

A- Basic Information

1- Title and code: E 412 Information Systems
2- Program(s) on which this course is given: 4th year Computer Engineering Dept.
3- Year/Level of program: 4th year
4- Unit hours
Lectures 3 hrs Tutorial hrs Practical hr Total 3 hrs
5- Names of lecturers contributing to the delivery of the course
Dr. Khalid Morsy
Course coordinator Prof. Dr.
External evaluator

B- Statistical Information

No. of students attending the course: **No.** 30 **%** …100

No. of students completing the course: **No.** 28 **%** 80.8

Results:

	No.	%
Passed	27	96.43
Failed	1	3.57

Grading of successful students:

	No.	%
Excellent	5	17.86
Very Good	4	14.29
Good	9	32.14
Pass	9	32.14

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
Types of Computer Systems		
Types of Information Systems	7	
Introduction to Management and organizations		
Today Management current trends and issues.	7	
Organizational culture and Environment: Constraints.	7	
System Development methodology	5	
International Business an overview	5	
Strategic Management	3	
Project management and planning techniques	3	
Total hours	**43**	

Topics taught as a percentage of the content specified:

>90 % [√ .] **70-90 %** [ ] **<70%** [….]

Reasons in detail for not teaching any topic
If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures: [√ .]

Practical training/ laboratory: [Experamints]

Seminar/Workshop: [√ .]

Class activity:
[solution of problems , discutions **and analyzing of reports**]

Case Study: [to be Selected]

Other assignments/homework: [√ .]

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	60 %
Oral examination	**----**
Practical/laboratory work	
Other assignments/class work	10
Mid-Term Exam	30
Total	**100 %**

Members of examination committee Dr. Khalid Morsy
Dr.
Dr.

Role of external evaluator

4- Facilities and teaching materials:

Totally adequate	**Yes**
Adequate to some extent	**Totaly**
Inadequate	**……**

List any inadequacies

5- Administrative constraints

List any difficulties encountered

- **Limitation of number of data show in the principal building.**
- **Limitation of number of operating experiments in the laboratory.**

6- Student evaluation of the course: **Response of course team**

List any criticisms

1
2.
3.

7- Comments from external evaluator(s): **Response of course team**

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion
None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Dr. Khalid Morsy
Signature: Prof. Dr Said A.Gawish
Date: August 2013

Annual Couse Report
2012-2013

A- Basic Information

1- Title and code: E422 -Microprocessors Based System 2
2- Program(s) on which this course is given: 4th year Computer Engineering Dept.
3- Year/Level of program: 4th year
4- Unit hours
Lectures 2 hrs Tutorial 1 hrs Practical 1 hr Total 4 hrs
5- Names of lecturers contributing to the delivery of the course
Prof. Dr. Ramadan Mahmoud Mustafa
Course coordinator Prof. Dr. Hany Tawfik
External evaluator

B- Statistical Information

No. of students attending the course: **No.** 30 **%** 100……
No. of students completing the course: **No27** **%** 90
Results:

	No.	%
Passed	21	77.77
Failed	6	22.22

Grading of successful students:

	No.	%
Excellent	1	3.70
Very Good	2	7.41
Good	4	14.81
Pass	14	51.85

4

C- Prof2essional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Introducing microcontrollers training kit or simulation software	2	Prof. Dr. Ramadan Mustafa
• The 8051 microcontrollers architecture	2	
• Memory organization	2	
• addressing modes	2	
• Instruction set	3	Prof. Dr. Hany Tawfik
• T/O ports and their functions	3	
• Timer / Counters	3	
• Interrupts	3	
• S0erial communication	2	
• Memory decoding	2	
• Interfacing with the 8255 PPI	2	
• Real world interfacing LCD, ADC, sensors, stepper motor, keyboard, DAC	6	
Total hours	**32**	

Topics taught as a percentage of the content specified:

>90 %	...	70-90 %	√	<70%	….

Reasons in detail for not teaching any topic Not surfactant time

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

2- Teaching and learning methods:

Lectures: Whit Board
0
Practical training/ laboratory: - Laboratory training hits & computer
- Typical laboratory application

Seminar/Workshop: Non

Class activity:
Application & reports

Case Study: to be Selected

Other assignments/homework: by weekly

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

3- Student assessment:

Method of assessment	Percentage of total
Written examination	60
Oral examination	----
Practical/laboratory work	20
Other assignments/class work	5
M0id-Term Exam	15
Total	100 %

Members of examination committee Prof. Dr. Ramadan Mahmoud Mustafa
Prof. Dr. Hany Tawfik

Dr.

Role of external evaluator

4- Facilities and teaching materials:

Totally adequate	**Yes**
Adequate to some extent	**Totaly**
Inadequate	**……**

List any inadequacies

0

5- Administrative constraints

List any difficulties encountered

- **Limitation of number of data show in the principal building**
- **Limitation of number of operating experiments in the laboratory**

6- Student evaluation of the course: **Response of course team**

List any criticisms

1
2.
3.

7- Comments from external evaluator(s): **Response of course team**

1.
2.
3.

0

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion

None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Prof. Dr. Ramadan Mahmoud Mustafa
Prof. Dr. Hany Tawfik

Signature: Prof. Dr Said A.Gawish

Date: August 2013

Annual Course Report
Academic year 2012-2013

A- Basic Information

1- Title and code: Electronic Measurements - (E432)

2- Program(s) on which this course is given: Electronic Engineering & Comm. Tech. Dpt. - Computer Engineering & Information Technology Dpt.

3- Year/Level of program: Fourth year / 2nd Semester

4- Unit hours 2

Lectures 2 hrs Tutorial 0 hrs Practical 4 hrs Total 4 hrs

5- Names of lecturers contributing to the delivery of the course: Prof. Dr. Hany Tawfik
Course coordinator: Prof. Dr. Hany Tawfik
External evaluator: None

B- Statistical Information

No. of students attending the course: **No.** 383 **100%**
No. of students completing the course: **No.** 366 **95.56%**

Results:

	No.	%
Passed	345	94.26
Failed	21	5.74

Grading of successful students:

	No.	%
Excellent	78	21.3
Very Good	85	23.3
Good	76	20.8
Pass	106	29.0

C- Professional Information

1 – Course teaching:

Topic	Lecture hours	Lecturer
• Analog Measuring Equipment	2	Prof. Dr. Hany Tawfik
• CRT, Deflection Amplifiers, Time base	2	
• Display systems& waveform display	2	
• Dual Trace Oscilloscopes, supplies, testing	2	
• Special types of oscilloscopes	2	
• Digital Storage Oscilloscope	2	
• Measuring phase difference using oscilloscope	2	
• Measuring frequency using Lissajous Figure	2	
• Analog Electronic Millie-ammeters	2	
• Analog Electronic Voltmeters & ohmmeters	2	
• Digital Electronic Voltmeters	2	
• Digital Electronic Frequency meters, reciprocal count.	2	
• Distortion meters	2	
• Frequency meter and Spectrum Analyzer	2	
• Signal generators	2	
Total hours	**30**	

Percentage of the content specified:

>90 %	√	**70-90 %**	-	**<70%**	100%

Reasons in detail for not teaching any topic None

If any topics were taught which are not specified, give reasons in detail None

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board
Practical training/ laboratory: Microelectronics Lab.
Seminar/Workshop: None
Class activity:
A monthly discussion of what is given in the previous weeks.

Case Study: None
Other assignments/homework: Bi-weekly assignments
If teaching and learning methods were used other than those specified, list and give reasons:
None

3- Student assessment: Through Quizzes, oral participation in class, midterm exams and attendance reports

Written examination	60 %
Practical examination	20 %
Other assignments/class work	6.5 %
Mid-Term Exam	13.5 %
Total	**100 %**

Members of examination committee Prof. Dr. Hany Tawfik
Role of external evaluator None

4- Facilities and teaching materials: **Dictionaries, Tape recorders….etc**

Totally adequate	**.Yes.**
Adequate to some extent	**……**
Inadequate	**……**

List any inadequacies
None

5- Administrative constraints
List any difficulties encountered
- None

6- Student evaluation of the course: **Response of course team**
List any criticisms
None None

7- Comments from external evaluator(s):

External evaluator:

An external experienced person in the field of specialization who is invited to review the structure and content of a program, its relevance to the ILOs, the standards and appropriateness of student assessments and attainment against the specification, and also evaluating the existing learning resources and whether or not they satisfy the program requirements. The institution is responsible for specifying the evaluators' role and appointing them.

State the involvement of the external evaluator in:

- The match between the examination and the topics taught.
- The existence of grading criteria in examination sheets
- The allocation and distribution of marks and weighting
- Effectiveness of the overall assessments in measuring the achievement of the intended learning outcomes (ILOs).

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any none-completion None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Prof. Dr. Hany Tawfik

Signature:

Date: August 2013

Annual Course Report
2012-2013

A- Basic Information

1- Title and code: **Software Engineering- E460**
2- Program(s) on which this course is given: 4th year Computer Dept.
3- Year/Level of program: 4th year
4- Unit hours
Lectures 3 hrs Tutorial 2 hrs Practical 2 hr Total 7 hrs
5- Names of lecturers contributing to the delivery of the course
Prof. Dr. Abdellatief Hussien Abouali
Course coordinator Prof. Dr. Abdellatief Hussien Abouali
External evaluator

B- Statistical Information

No. of students attending the course: **No.** 30 **%** 100…

No. of students completing the course: **No.** 28 **%** 93.33

Results:

	No.	%
Passed	26	92.85
Failed	2	7.14

Grading of successful students:

	No.	%
Excellent	1	3.57
Very Good	7	25
Good	8	28.57
Pass	10	35.71

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Introduction	2	
• Software quality Attributes	4	
• Roles in S/W organization	4	
• Software Development schemes	8	
• Requirement Engineering	8	
• Software Design	8	
• Planning a S/W production	4	
• Manage ment of people in S/W	3	
• Software prototyping	2	
• Software testing	2	
Total hours	**45**	

Topics taught as a percentage of the content specified:

>90 % [√] **70-90 %** [ ] **<70%** [….]

Reasons in detail for not teaching any topic
If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures: Predication for different processes in S/W engineering

Practical training/ laboratory: Realization of S/W main process on specific project

Seminar/Workshop: Proximity project

Class activity: Joint Exploration on practical cases of S/W project

Case Study: Two each step

Other assignments/homework: Profit to implemented on the course

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	50
Oral examination	----
Practical/laboratory work	15
Other assignments/class work	15
Mid-Term Exam	20
Total	**100 %**

Members of examination committee Prof. Dr. Abdellatief Hussien Abouali
Dr.

Role of external evaluator

4- Facilities and teaching materials:

Totally adequate Yes

Adequate to some extent Totally

Inadequate ……

List any inadequacies

5- Administrative constraints

List any difficulties encountered

- **Limitation of number of data show in the principal building.**
- **Limitation of number of operating experiments in the laboratory.**

6- Student evaluation of the course: **Response of course team**

List any criticisms

1
2.
3.

7- Comments from external evaluator(s): **Response of course team**

1.
2.
3.

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion

None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Prof. Dr. Abdellatief Hussien Abouali
Signature: Prof. Dr Said A.Gawish
Date: August 2013

Annual Course Report
2012-2013

A- Basic Information

1- Title and code: Computer Graphics - E462

2- Program(s) on which this course is given: 4th year Computer Dept.

3- Year/Level of program: 4th year

4- Unit hours

Lectures 2 hrs Tutorial 1 hrs Practical 4 hr Total 7 hrs

5- Names of lecturers contributing to the delivery of the course

. Dr. . Abdellatief Hussien Abouali
Course coordinator Dr. Abdellatief Hussien Abouali
External evaluator

B- Statistical Information

No. of students attending the course: **No .30** **%** …100

No. of students completing the course: **No.** 27 **%** **100**

Results:

	No.	%
Passed	26	96.3
Failed	1	3.70

Grading of successful students:

	No.	%
Excellent	1	3.70
Very Good	7	25.93
Good	3	11.11
Pass	15	55.56

54.55

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Introduction and basic concepts of graphics	4	
• Drawing basic elements of picture	6	
• 2D picture drawing	4	
• Scalling, rotation, motion ,animation	4	
• Mapping 3D seen into 2D graphic picture	6	
• Shedding and lightening	6	
Total hours	**30**	

Topics taught as a percentage of the content specified:

>90 % [√ .] **70-90 %** [ ] **<70%** [….]

Reasons in detail for not teaching any topic
If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures: Prosecution

Practical training/ laboratory: Include different drawing

Seminar/Workshop: Final project persecution

Class activity:
Implementing operation in graph

Case Study: Case per step in drawing

Other assignments/homework: Step by step building graphics & final project is given

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	50
Oral examination	**----**
Practical/laboratory work	15
Other assignments/class work	15
Mid-Term Exam	20
Total	**100 %**
Members of examination committee	. Dr. Abdellatief Hussien Abouali
Role of external evaluator	

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	Totaly
Inadequate	……
List any inadequacies	

5- Administrative constraints

List any difficulties encountered

- **Limitation of number of data show in the principal building.**
- **Limitation of number of operation experiments in the laboratory.**

6- Student evaluation of the course: **Response of course team**

List any criticisms

1
2.
3.

7- Comments from external evaluator(s): **Response of course team**

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion

None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Prof. Dr. Abdellatief Hussien Abouali

Signature: Prof. Dr Said A.Gawish

Date: August 2013

Annual Course Report
2012-2013

A- Basic Information

1- Title and code: Computer Architecture II - E512
2- Program(s) on which this course is given: 5th year Computer Dept.
3- Year/Level of program: 5th year
4- Unit hours
Lectures 4 hrs Tutorial 2 hrs Practical …hr Total 6 hrs
5- Names of lecturers contributing to the delivery of the course
Prof. Dr. Sabry Abd el Moaty
Course coordinator Prof. Dr. Hany Tawfique
External evaluator

B- Statistical Information

No. of students attending the course: **No.** 48 **%** 100
No. of students completing the course: **No.** 48 **%** 100
Results:

	No.	%
Passed	46	96
Failed	2	4.2

Grading of successful students:

	No.	%
Excellent	3	6.3
Very Good	9	18.8
Good	8	16.7
Pass	26	54.2

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• F.F, decodes Registers multiplry	4	Dr. Asbury abed moetty
• Architecture cods	4	
• Computer registers	4	
• Register transfer language	2	
• Timing & Control	6	
• Destruction cycles	4	
• Compel computer design	4	
• Micro programming	4	
• Parallel computer	4	
Total hours	**30**	

Topics taught as a percentage of the content specified:

>90 %	√ .	70-90 %		<70%	….

Reasons in detail for not teaching any topic
If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures: Using board

Practical training/ laboratory: Experamints

Seminar/Workshop: Non

Class activity:
solution of problems , discutions and analyzing of reports

Case Study: Selected

Other assignments/homework: by weekly

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

3- Student assessment:

Method of assessment	Percentage of total
Written examination	100
Oral examination	----
Practical/laboratory work	10
Other assignments/class work	20
Mid-Term Exam	20
Total	150 %

Members of examination committee Dr. Asbury abed moetty
Role of external evaluator

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	Totaly
Inadequate	……

List any inadequacies

5- Administrative constraints

List any difficulties encountered

- **Limitation of number of data show in the Principle building.**
- **Limitation of number of operating experiments in the laboratory.**

6- Student evaluation of the course: **Response of course team**

List any criticisms

1
2.
3.

7- Comments from external evaluator(s): **Response of course team**

1.
2.
3.

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion

None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Dr. Sabry Abd el Moaty
Signature: Prof. Dr Said A.Gawish
Date: August 2013

Annual Course Repor
2012-2013

A- Basic Information

1- Title and code: Advanced Computer Systems (Compiler) - E515
2- Program(s) on which this course is given: 5th year Computer Dept.
3- Year/Level of program: 5th year
4- Unit hours
Lectures 56 hrs Tutorial 28 hrs Practical …hr Total 84 hrs
5- Names of lecturers contributing to the delivery of the course
Prof. Dr. Osama M.Elmowafy
Course coordinator Prof. Dr.
External evaluator

B- Statistical Information

No. of students attending the course: **No.** 48 **%** 100…

No. of students completing the course: **No.** 48 **%** 100

Results:

	No.	%
Passed	45	93.9
Failed	3	6.3

Grading of successful students:

	No.	%
Excellent	3	6.3
Very Good	6	12.5
Good	15	31.3
Pass	21	43.8

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
Introduction to Compiler	**4**	Prof. Dr. Osama M.Elmowafy
Compiler structure	**4**	
Forming a Grammar	**4**	
Parsing tree	**4**	
Lexical Analysis	**6**	
Recursive programming concepts	**4**	
Cradle Implementation	**4**	
Expression Parsing	**4**	
Optimization	**4**	

Variables and Function Parsing	**4**	
Multi-character tokens	**4**	
Interpreter	**4**	
Control Instruction (If, While, Loop, For, Do, and Break)	**6**	
Boolean Expression	**4**	
Total hours	**60**	

Topics taught as a percentage of the content specified:

>90 % √ . **70-90 %** ☐ **<70%** ….

Reasons in detail for not teaching any topic
If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures: Lectures weakly

Practical training/ laboratory: Experamints

Seminar/Workshop: Non

Class activity:
Section weakly

Case Study: to be Selected

Other assignments/homework: Every 2 weeks

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	Final
Oral examination	**----**
Practical/laboratory work	…
Other assignments/class work	…
Mid-Term Exam	…
Total	**100 %**

Members of examination committee Prof. Dr. Osama M.Elmowafy
Prof. Dr.

Role of external evaluator

4- Facilities and teaching materials:

Totally adequate **Yes**

Adequate to some extent **Totaly**

Inadequate **……**

List any inadequacies

5- Administrative constraints

List any difficulties encountered

- **Limitation of number of data show in the …….**
- **Limitation of number of ……**

6- Student evaluation of the course: **Response of course team**

List any criticisms

1
2.
3.

7- Comments from external evaluator(s): **Response of course team**

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion
None
9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Prof. Dr. Osama M.Elmowafy
Signature: Prof. Dr Said A.Gawish
Date: August 2013

Annual Course Report
2012-2013

A- Basic Information

1- Title and code: Distributed Computer Systems - E 521
2- Program(s) on which this course is given: 5th year Computer Engineering Dept.
3- Year/Level of program: 5th year
4- Unit hours
Lectures 2 hrs Tutorial 1 hrs Practical 2 hr Total 5 hrs
5- Names of lecturers contributing to the delivery of the course
Prof. Dr. Wafaai Bogdady
Course coordinator Prof. Dr. Wafaai Bogdady
External evaluator

B- Statistical Information

No. of students attending the course: **No.** 48 **%** 100…

No. of students completing the course: **No.** 48 **%**100

Results:

	No.	%
Passed	48	100
Failed	0	0

Grading of successful students:

	No.	%
Excellent	8	16.7
Very Good	9	18.8
Good	10	20.8
Pass	21	43.8

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
Distributed Systems definitions and technologies	4	Prof. Dr. Mohamed El Gazar
DPS Architectures and models	4	
Inter-process communication	4	
Distributed file storage	6	
Timing issues, co-ordination, concurrency control and transactions	6	
Security and fault-tolerance	6	
Distributed Systems definitions and technologies	4	
Total hours	**30**	

Topics taught as a percentage of the content specified:

>90 % [√ .] **70-90 %** [ ] **<70%** [….]

Reasons in detail for not teaching any topic
If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures: learning using white board

Practical training/ laboratory: Experamints

Seminar/Workshop: Non

Class activity:
solution of problems , discutions and analyzing of reports

Case Study: Selected

Other assignments/homework: by weekly

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	60
Oral examination	**----**
Practical/laboratory work	20
Other assignments/class work	10
Mid-Term Exam	10
Total	**100 %**

Members of examination committee Prof. Dr. Abd Elmoneam M.Foda

Role of external evaluator

4- Facilities and teaching materials:

Totally adequate	**Yes**
Adequate to some extent	**Totaly**
Inadequate	**……**

List any inadequacies

5- Administrative constraints

List any difficulties encountered

- **Limitation of number of data show in the principal building.**
- **Limitation of number of operating experiments in the labpratory.**

6- Student evaluation of the course: **Response of course team**

List any criticisms

1
2.
3.

7- Comments from external evaluator(s): **Response of course team**

1.
2.

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion

None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Prof. Dr. Wafaai Bogdady
Signature: Prof. Dr Said A.Gawish
Date: August 2013

Annual Course Report
2012-2013

A- Basic Information

1- Title and code: E530 - Data transmission and computer Network (I)
2- Program(s) on which this course is given: 5th year Computer Dept.
3- Year/Level of program: 5th year
4- Unit hours
Lectures 2 hrs Tutorial2 hrs Practical ---hr Total 4 hrs
5- Names of lecturers contributing to the delivery of the course
Prof. Dr. Wafaay Boghdady
Course coordinator Prof. Dr. *Wafaay Boghdady*
External evaluator

B- Statistical Information

No. of students attending the course: **No.** 48 **%** …100

No. of students completing the course: **No.** 48 **%**98.9

Results:

	No.	**%**
Passed	47	98
Failed	1	2.1

Grading of successful students:

	No.	**%**
Excellent	11	22.9
Very Good	9	18.8
Good	13	27.1
Pass	14	29.2

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Introduction	1	Prof. Dr. wafae bogdady
• Fundamentals of comp.net	6	
• Media of network	6	
• Type of network	8	
• Topology networks	6	
• protocols of networks	8	
• OSI Model of networks	10	
Total hours	**45**	

Topics taught as a percentage of the content specified:

>90 % [√ .] **70-90 %** [ ] **<70%** [….]

Reasons in detail for not teaching any topic
If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures: classical learning using white board and computer labs with computers

Practical training/ laboratory: Experamints

Seminar/Workshop: Non

Class activity:
solution of problems , discussions and analyzing of reports

Case Study: to be Selected

Other assignments/homework: by weekly

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	60
Oral examination	**----**
Practical/laboratory work	20
Other assignments/class work	10
Mid-Term Exam	10
Total	**100 %**

Members of examination committee Prof. Dr. Abd Elmoneam Mohamed Foda
Prof.Dr. Wafaay Boghdady
Dr.

Role of external evaluator

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	Totaly
Inadequate	……

List any inadequacies

5- Administrative constraints

List any difficulties encountered

- **Limitation of number of data show in the Principle building.**
- **Limitation of number of operating experiments in the laboratory.**

6- Student evaluation of the course: **Response of course team**

List any criticisms

1
2.
3.

7- Comments from external evaluator(s): **Response of course team**

1.
2.
3.

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion

None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Prof. Dr. Wafaay Boghdady
Signature: Prof. Dr Said A.Gawish
Date: August 2013

Annual Course Report
2012-2013

A- Basic Information

1- Title and code: (M561) Engineering Economics

2- Program(s) on which this course is given:

- Manufacturing Engineering and Production Technology
- Communication Engineering Technology
- Computer Engineering Technology

3- Year/Level of program: Fifth Year **(Man.E, Comm., Comp.)**

4- Unit hours

Lectures 2 hrs Tutorial 2 hrs Practical - Total 4 hrs

5- Names of lecturers contributing to the delivery of the course

Dr. Abdelmagid A. Abdalla, Dr. Metwally H. Metwally
Course coordinator Dr. Abdelmagid A. Abdalla
External evaluator: None

B- Statistical Information

No. of students attending the course: **No.** 48 **%** 100

No. of students completing the course: **No.** 80 **%** 100

Results:

	No.	%
Passed	42	87.6
Failed	6	12.5

Grading of successful students:

	No.	%
Excellent	7	14.6
Very Good	7	14.6
Good	7	14.6
Pass	21	43.8

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Cash Flow	4	Dr. Abdelmagid A. Abdalla, Dr. Metwally H. Metwally
• Compound Interest:	12	
• Time Value of Money	4	
• Nominal and Effective Interest	4	
• Engineering Problem Analysis:	12	
• Depreciation	8	
• Tax effects	4	
• Breakeven point & payback period	4	
Total hours	**52**	

Topics taught as a percentage of the content specified:

>90 % --- **70-90 %** **86** **<70%** ….

Reasons in detail for not teaching any topic The term actually was 13 weeks

If any topics were taught which are not specified, give reasons in detail None

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board

Practical training/ laboratory: None

Seminar/Workshop: None

Class activity:

Numerical exercises**.**

Case Study: None

Other assignments/homework: Weekly assignment

If teaching and learning methods were used other than those specified, list and give reasons: None

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	70 %
Oral examination	----
Practical/laboratory work	----
Other assignments/class work	10 %
Mid-Term Exam	20 %
Total	**100 %**

Members of examination committee Dr. Abdelmagid A. Abdalla,
Dr. Metwally H. Metwally

Role of external evaluator None

4- Facilities and teaching materials:

Totally adequate **.Yes.**
Adequate to some extent **……**
Inadequate **……**
List any inadequacies
None

5- Administrative constraints

List any difficulties encountered **None**

6- Student evaluation of the course: **Response of course team**
List any criticisms **None**

7- Comments from external evaluator(s): **Response of course team**

None

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion
None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Dr. Abdelmagid A. Abdalla
Signature:
Date: August 2013

Annual Course Report
(Academic year 2012-2013)

A- Basic Information

1- Title and code: Laws and Regulations For Engineers, B 512

2- Program(s) on which this course is given: Comp. Eng & Inf. Tech. Dept.
Electronic Eng & Com. Tech Dept.
Man. Eng. & Prod. Tech. Dept.

3- Year/Level of program:5th year, 2nd Term

4- Unit hours

Lectures 3 hrs Tutorial - Practical - Total 3 hrs

5- Names of lecturers contributing to the delivery of the course

Course coordinator Prof. Dr. Shaban Ragab Gouda.

External evaluator:- Non

B- Statistical Information

No. of students attending the course: **No.** **538** **%** 100

No. of students completing the course: **No.** **530**

Results:

	No.	%
Passed	529	99.8
Failed	1	0.2

Grading of successful students:

	No.	%
Excellent	78	14.71
Very Good	130	24.52
Good	170	32.07
Pass	151	28.49

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• مصطلحات ومفاهيم قانونيه	٥	Prof. Dr> S.R. Gouda
• التشريعات الصناعيه المصريه	٥	
• قوانين وتشريعات اعمال البناء والتخطيط العمرانى	٥	
• قوانين وتشريعات بيئيه لحمايه البيئه المصريه	٥	

• المناقصات والعطاءات	٥	
• قانون تنظيم المناقصات والمزايدات	٥	
• العقود الهنديه المحليه	٥	
• العقود الهندسيه الدوليه	٥	
• المطالبات والتحكيم	٥	
Total hours	**45**	

Topics taught as a percentage of the content specified:

>90 % √ **70-90 %** - **<70%** -

Reasons in detail for not teaching any topic: Non

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board, projectors and data show

Practical training/ laboratory: Non

Seminar/Workshop: Non

Class activity:

Some Assignments

Case Study: Selected case studies

Other assignments/homework: Bi-weekly assignments

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	70 %
Oral examination	-
Practical/laboratory work	- %
Other assignments/class work	10 %
Mid-Term Exam	20 %

Total	**100 %**
Members of examination committee	Prof. Dr. S. R. Gouda
Role of external evaluator	Non

4- Facilities and teaching materials:

Totally adequate	**.Yes.**
Adequate to some extent	**100%**
Inadequate	**-**

List any inadequacies
Non

5- Administrative constraints
List any difficulties encountered
- Non

6- Student evaluation of the course:	**Response of course team**
Non	**Non**

7- Comments from external evaluator(s):	**Response of course team**
Non	**Non**

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion
None

9- Action plan for academic year 2013– 2014

Actions required	**Completion date**	**Person responsible**
None		Non

Course coordinator: Prof. Dr S. R. Gouda
Signature:
Date: August 2013

Annual Course Report
2012-2013

A- Basic Information

1- Title and code: E 504 - Artificial Intelligent
2- Program(s) on which this course is given: 5th year Computer Dept.
3- Year/Level of program: 5th year
4- Unit hours
Lectures 60 hrs Tutorial 28 hrs Practical 0 hr Total 88 hrs
5- Names of lecturers contributing to the delivery of the course
Dr. Sabry Abd el Moaty
External evaluator

B- Statistical Information

No. of students attending the course: **No.** 48 **%** 100

No. of students completing the course: **No.** 48 **%** 100

Results:

	No.	%
Passed	45	93.8
Failed	3	6.3

Grading of successful students:

	No.	%
Excellent	3	6.3
Very Good	6	12.5
Good	8	16.7
Pass	28	58.3

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Artificial intelligent Concepts	4	Dr. Sabry Abdel Moaty
• Fundamentals of neural network	6	
• Learning algorithms used in neural network training, Different practical applications using neural network (logic gates)	4	
• Solving problems using searching techniques	4	
• Non-heuristic techniques, Depth first, breadth first search, uniform cost search.cgeneaticalg	4	

• Non-heuristic techniques, depth limited search, iterative deepening depth first search, bi-directional search, comparing searching techniques	4	
• Heuristic techniques, Greedy best first search, memory bounded heuristic search	4	
• Heuristic techniques, recursive best first search, learning to search better, Heuristic functions	4	
• Expert system architecture	4	
• Expert system, non-production system architecture	4	
• Semantic network basics and components	4	
• Semantic network and optimal search	4	
• Machine learning, frame work for symbol based learning, version space search,	4	
• Elimination algorithm, decision tree (induction algorithm)	2	
Total	**56**	

Topics taught as a percentage of the content specified:

>90 % [√] **70-90 %** […….] **<70%** […….]

Reasons in detail for not teaching any topic
If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures: [……Classical learning in the class room…….]

Practical training/ laboratory: [……Computer lab and class room…….]

Seminar/Workshop: [..√.....]

Class activity:

[Solution of problems , discussions and analyzing of reports]

Case Study: [……4 cases….]

Other assignments/homework: [……Weekly sheets….]

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

3- Student assessment:

Method of assessment	Percentage of total
Written examination	.….90….
Oral examination	**--10---**
Practical/laboratory work	..10.
Other assignments/class work	..20..
Mid-Term Exam	..20..
Total	**100 %**

Members of examination committee Dr. Sabry Abdel Moaty
Dr.
Dr.

Role of external evaluator

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	Totally
Inadequate	------

List any inadequacies

5- Administrative constraints

List any difficulties encountered

- **Limitation of number data show & Labs**

6- Student evaluation of the course: **Response of course team**

List any criticisms

1 It is recommended to in
2. N/A
3.

7- Comments from external evaluator(s): **Response of course team**

None

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion
None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Dr. Sabry Abd el Moaty
Signature: Prof. Dr Said A.Gawish
Date: August 2013

Annual Course Report
2012-2013

A- Basic Information

1- Title and code: E531- Data Transmission and Computer Network II
2- Program(s) on which this course is given: 5th year Computer Dept.
3- Year/Level of program: 5th year
4- Unit hours
Lectures 3 hrs Tutorial 2 hrs Practical 2 hr Total 7 hrs
5- Names of lecturers contributing to the delivery of the course
Prof. Dr. Wafaay Boghdady
Course coordinator Prof. Dr. Wafaay Boghdady
External evaluator

B- Statistical Information

No. of students attending the course: **No.** **48** **%** 100…

No. of students completing the course: **No.** 48 **%** 100

Results:

	No.	%
Passed	48	100
Failed	0	0

Grading of successful students:

	No.	%
Excellent	9	18.8
Very Good	15	31.3
Good	15	31.3
Pass	9	18.8

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
Digital Transmission overview	**4**	Prof. Dr. Mohamed El Gazar
Basic Concepts and Principles of Computer Networking	**4**	
Physical Layer Concept	**5**	
Small PC Network	**6**	
SMALL ETHERNET LANS	**6**	
Larger Site Networks	**4**	
Wide Area Networking	**8**	
NETWORK SECURITY	**8**	
Total hours	**45**	

Topics taught as a percentage of the content specified:

>90 % [√ .] **70-90 %** [ ] **<70%** [….]

Reasons in detail for not teaching any topic
If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures: classical learning using wight board

Practical training/ laboratory: Experamints

Seminar/Workshop: Non

Class activity:
solution of problems , discutions and analyzing of reports

Case Study: to be Selected

Other assignments/homework: by weekly

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	60
Oral examination	**----**
Practical/laboratory work	20
Other assignments/class work	10
Mid-Term Exam	10
Total	**100 %**

Members of examination committee Prof. Dr. Abd Elmoneam Mohamed Foda
Dr. Wafaay Boghdady

Dr.

Role of external evaluator

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	Totaly
Inadequate	……

List any inadequacies

5- Administrative constraints

List any difficulties encountered

- **Limitation of number of data show in the Principle building.**
- **Limitation of number of operating experiments in the laboratory.**

6- Student evaluation of the course: **Response of course team**

List any criticisms

1
2.
3.

7- Comments from external evaluator(s): **Response of course team**

1.
2.
3.

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion

None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Prof. Dr. Wafaay Boghdady
Signature Prof. Dr Said A.Gawish
Date: August 2013

Annual Course Report
2012-2013

A- Basic Information

1- Title and code: E534- Computer Performance
2- Program(s) on which this course is given: 5th year Computer Dept.
3- Year/Level of program: 5th year
4- Unit hours
Lectures 2 hrs Tutorial 2 hrs Practical 1 hr Total 5 hrs
5- Names of lecturers contributing to the delivery of the course
Dr. Sabry Abd el Moaty

B- Statistical Information

No. of students attending the course: **No.** 48 **%** 100…

No. of students completing the course: **No.** 48 **%** 100.0

Results:

	No.	%
Passed	46	95.9
Failed	2	4.2

Grading of successful students:

	No.	%
Excellent	3	6.3
Very Good	17	35.4
Good	7	14.6
Pass	19	39.6

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
An Overview of Queuing Network Modeling What is a Queuing Network Modeling?	2	Dr. Sabry Abdel Moaty
Defining, Parameterizing, and Evaluating Queuing Network Models.	2	
What are Queuing Network Models Appropriate Tools?	2	
Conducting a Modeling Study The Modeling cycle	2	
Workload Characterization Sensitivity Analysis	2	
Fundamental Laws Basic Quantities	2	

Little's laws The Forced Flow Law	2	
The Flow Balance Assumption	2	
Queuing Network Model Inputs	4	
- Addressing modes - Program control	6	
- Reduced Instruction Set Computer RISC & CISC interrupt	4	
- Construction of The ALU	4	
- Integer Representation	4	
- Basic Operations	6	
Total hours	30	

Topics taught as a percentage of the content specified:

>90 % [√] **70-90 %** [ ] **<70%** [….]

Reasons in detail for not teaching any topic
If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures: [√]

Practical training/ laboratory: [Experamints]

Seminar/Workshop: [√]

Class activity:
[solution of problems , discutions **and analyzing of reports**]

Case Study: [to be Selected]

Other assignments/homework: [√]

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	60 %

Oral examination ----

Practical/laboratory work 20 %

Other assignments/class work 10 %
Mid-Term Exam 10 %
Total **100 %**

Members of examination committee Dr. Sabry Abdel Moaty
Dr.
Dr.

Role of external evaluator

4- Facilities and teaching materials:

Totally adequate **Yes**
Adequate to some extent **Totaly**
Inadequate **……**
List any inadequacies

5- Administrative constraints

List any difficulties encountered

- **Limitation of number of data show in the principal building.**
- **Limitation of number of operating experiments in the laboratory.**

6- Student evaluation of the course: **Response of course team**

List any criticisms

1
2.
3.

7- Comments from external evaluator(s): **Response of course team**

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion

None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Dr. Sabry Abd el Moaty
Signature: Prof. Dr Said A.Gawish
Date: August 2013

Annual Course Report
2012-2013

A- Basic Information

1- Title and code: Electrical Power Electronic

2- Program(s) on which this course is given: 5th year Electronic Engineering & Comm. Dpt.

3- Year/Level of program: 5th year

4- Unit hours

Lectures 4 hrs Tutorial -- hrs Practical -- hr Total 4 hrs

5- Names of lecturers contributing to the delivery of the course

Prof. Dr. Said A.Gawish
Course coordinator Prof. Dr. Ramdan Mustafa
External evaluator

B- Statistical Information

No. of students attending the course: **No.** 408 **%** 100…

No. of students completing the course: **No.** 408 **%** 100.

Results:

	No.	%
Passed	86	98.9
Failed	1	1.1

Grading of successful students:

	No.	%
Excellent	38	9.31
Very Good	60	14.71
Good	81	19.85
Pass	205	50.25

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Main task of power electronics	4	Prof. Dr. Said A.Gawish
• Semiconductor switches	4	
• Thyristors	4	
• Power transistors	4	
• Firing circuits	4	
• Uncontrolled rectifiers	8	
• Controlled rectifiers	8	
• Parallel inverters	6	

• Series inverters	6	
• DC – Choppers	8	
• UPS	4	
Total hours	**60**	

Topics taught as a percentage of the content specified:

>90 % [√ .] **70-90 %** [ ] **<70%** [….]

Reasons in detail for not teaching any topic
If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures: classical learning using Wight board

Practical training/ laboratory: Experamints

Seminar/Workshop: Non

Class activity:
solution of problems , discutions and analyzing of reports

Case Study: to be Selected

Other assignments/homework: by weekly

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	90
Oral examination	**----**
Practical/laboratory work	30
Other assignments/class work	20
Mid-Term Exam	10
Total	**100 %**

Members of examination committee
Dr. Said A.Gawish
Dr. Ramdan Mustafa
Dr.

Role of external evaluator

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	Totaly
Inadequate	……

List any inadequacies

5- Administrative constraints

List any difficulties encountered

- ……
- ……

6- Student evaluation of the course: **Response of course team**

List any criticisms

1
2.
3.

7- Comments from external evaluator(s): **Response of course team**

1.
2.
3.

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion

None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Prof. Dr. Said A.Gawish

Signature:

Date: August 2013

Annual Course Report
2012-2013

A- Basic Information

1- Title and code: E 538 (b)- Modeling and Simulation
2- Program(s) on which this course is given: 5th year Computer Engineering Dept.
3- Year/Level of program: 5th year.
4- Unit hours
Lectures 4 hrs Tutorial 2hrs Practical 0 hr Total 6 hrs
5- Names of lecturers contributing to the delivery of the course
Dr.abd Elmoneim Foda
Course coordinator
External evaluator

B- Statistical Information

No. of students attending the course: **No.** 48 **%100**

No. of students completing the course: **No.** 48 **%** 95.9

Results:

	No.	%
Passed	46	95.9
Failed	2	4.2

Grading of successful students:

	No.	%
Excellent	2	4.2
Very Good	6	12.5
Good	13	27.1
Pass	25	52.1

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Systems, models and simulation	4	
• Steps in Simulation Study, Other Types of simulation, advantages of Simulation, disadvantages of Simulation	4	
• Stochastic Model, Discrete-Event Simulation, Simulation of Single – Server Queuing System	4	
• Building Math. Models From Different Proctiel System	4	
• Case study 1, single server queue	4	
• Review of basic probabilities And Statistics, case study 2	4	
• Estimation Of Means, Variance And Correlation	4	

• Case Study 3, Mont Carlo simulation	4	
• Selecting Input Probability Distributions, continuous probability distributions	4	
• Discrete probability distributions, case study 4	4	
• Building Valid and Credible Simulation Models	4	
• Sensitivity Analysis, Inspection Approach, Confidence collect and analyze different types of problem (speech production model)	4	
• Random Number Generators, Mid Square Method, case study 6	4	
• Linear Congruential Generators (LCG), Mixed Generator, Multiplicative Generator	3	
Total hours	**45**	

Topics taught as a percentage of the content specified:

>90 % …√ … **70-90 %** ……. **<70%** …….

Reasons in detail for not teaching any topic
If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures: …… Classical learning in the class room ……

Practical training/ laboratory: …… Computer lab and class room ……

Seminar/Workshop: ….√…..…

Class activity:

Solution of problems , presentation discussions and analyzing of reports

Case Study: …7 cases ….

Other assignments/homework: … Weekly sheets ….

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

3- Student assessment:

Method of assessment **Percentage of total**

Written examination	.60.
Oral examination	-----
Practical/laboratory work	..10. .
Other assignments/class work	.10..
Mid-Term Exam	..20..
Total	**100 %**

Members of examination committee Dr. Abdel Monem Foda
Dr.

Role of external evaluator

4- Facilities and teaching materials:

Totally adequate …Yes..

Adequate to some extent Totally

Inadequate ------

List any inadequacies

5- Administrative constraints

List any difficulties encountered

- **Limitation of number ……..**

6- Student evaluation of the course: **Response of course team**

List any criticisms

7- Comments from external evaluator(s): **Response of course team**

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion: None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Dr.abd Elmoneim Foda

Signature: Prof. Dr Said A.Gawish

Date: August 2013

Annual Course Report
Academic year 2012-2013

A- Basic Information

1- Title and code: E 538 (c)- Neural network
2- Program(s) on which this course is given: 5'th year computer engineering dept.
3- Year/Level of program: 5'th year
4- Unit hours
Lectures 3 hrs Tutorial 2 hrs Practical 0 hr Total 5 hrs
5- Names of lecturers contributing to the delivery of the course
Course coordinator Dr. Adel Khedr
External evaluator

B- Statistical Information

No. of students attending the course: **No.** 48 **%** 100…

No. of students completing the course: **No.** 47 **%** 97.9

Results:

	No.	%
Passed	47	97.9
Failed	1	2.1

Grading of successful students:

	No.	%
Excellent	11	22.9
Very Good	8	16.7
Good	10	20.8
Pass	18	37.5

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
– Introduction to neural networks	3	Dr. Adel Khedr
– McClluph Pitts model	3	
– Learning Processes, Supervised learning	6	
– Unsupervised learning	3	
– Single layer perceptron model, perceptron learning	9	
– Multi-layer models, Backpropagation algorithm	6	
– Pattern recognition	6	
– Khonen neural networks	3	
– Hopfield nets	3	
- Associative memories	3	
Total hours	45	

Topics taught as a percentage of the content specified:

>90 % …√…. **70-90 %** ……. **<70%** …….

Reasons in detail for not teaching any topic
If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures: Classical learning in the class room

Practical training/ laboratory: Computer lab and class room

Seminar/Workshop: ..√.....

Class activity:
Solution of problems , discussions and analyzing of reports

Case Study: 4 cases

Other assignments/homework: Weekly sheets

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	60
Oral examination	..….
Practical/laboratory work	10
Other assignments/class work	10
Mid-Term Exam	20
Total	**100 %**

Members of examination committee Dr. Adel Khedr
Dr.

Role of external evaluator

4- Facilities and teaching materials:
[

Totally adequate	Yes
Adequate to some extent	Totally
Inadequate	……

List any inadequacies

5- Administrative constraints

List any difficulties encountered

- **Limitation of number of data show in the principal building**
- **Limitation of number of operating experiments in the laboratory**

6- Student evaluation of the course: **Response of course team**

List any criticisms

1
2.
3.

7- Comments from external evaluator(s): **Response of course team**

1.
2.
3.

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion

None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Dr. Adel Khedr
Signature: Prof. Dr Said A.Gawish
Date: August 2013

Annual Course Report
Academic year 2012-2013

A- Basic Information

1- Title and code :E599- Project
2- Program(s) on which this course is given: Computer Engineering dept.
3- Year/Level of program: 5th Year (Computers Engineering)
4- Unit hours
Lectures [-- hrs] Tutorial [--hrs] Practical [4 hr] Total [4 hrs]
5- Names of lecturers contributing to the delivery of the course
Prof. Dr.
Course coordinator Prof. Dr. Said Gawish
External evaluator

B- Statistical Information

No. of students attending the course: **No.** [48] **%** [...]

No. of students completing the course: **No.** [48] **%** [100.0]

Results:

	No.	%
Passed	48	100
Failed	-	-

Grading of successful students:

	No.	%
Excellent	28	58.3
Very Good	14	29.2
Good	6	12.5
Pass	0	0

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Project background	6	
• Project activities planning	6	
• Practical implementation	12	
• Production of final product	20	
• Testing and correcting output	12	
• Preparing for project presentation	8	
Total hours	**64**	

Topics taught as a percentage of the content specified:

>90 % [...√....] **70-90 %** [.....] **<70%** [.....]

Reasons in detail for not teaching any topic
If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures: Non

Practical training/ laboratory: Yes

Seminar/Workshop: Yes

Class activity:

No

Case Study: Yes

Other assignments/homework: Non

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	-----
Oral examination	-----
Practical/laboratory work	100
Other assignments/class work	100
Mid-Term Exam	……
Total	**200 %**
Members of examination committee	Dr..
Role of external evaluator	

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	Totally
Inadequate	……
List any inadequacies	

5- Administrative constraints

List any difficulties encountered

- **……**
- **……**

6- Student evaluation of the course: **Response of course team**

List any criticisms

1
2.
3.

7- Comments from external evaluator(s): **Response of course team**

1.
2.
3.

8- Course enhancement:

Progress on actions identified in the previous year's action plan: None

Action State whether or not completed and give reasons for any non-completion: None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None		

Course coordinator: Prof. Dr Said A.Gawish
Signature: Prof. Dr Said A.Gawish
Date: August 2013