

**COMPUTER ENGINEERING
AND INFORMATION TECHNOLOGY
B.SC.**

ANNUAL PROGRAM REPORT

2013-2014- By-Law 2000

Contents

1. General	5
1.1. Basic Information	5
1.2. Staff Members	5
1.3. External evaluation of program	5
2. Professional Information	5
2.1. Statistic	5
2.2. Academic Standards	8
2.2.1. Achievement of program intended learning outcomes, ILO's	8
External Reviewers Reports	17
Response To External Reviewers Comments	17
2.3. Achievement of program aims	17
2.4. Assessment methods	17
2.5 Student achievement	18
2.6 Quality of teaching and learning	18
2.7 Effectiveness of student support systems	18
2.8 Learning resources	19
2.9 Quality management	20
3. Proposals for program development	21
4. Progress of previous year's action plan	21
5. Action plan	21
Appendix 1: Annual Course Reports 2013-2014	23

Program Report

November 2014

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

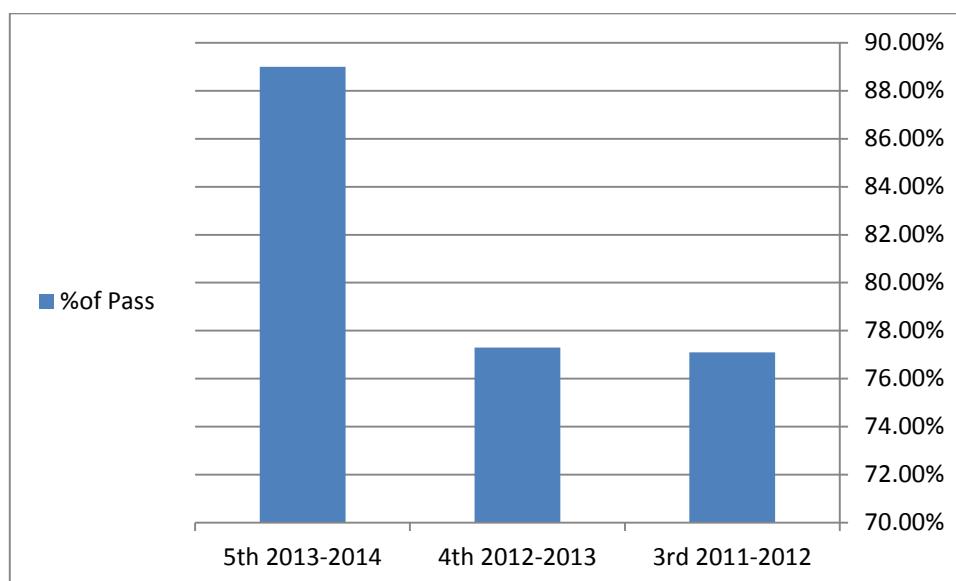
2. Professional Information

2.1 Statistics

1. No. of students starting the program at 2011-2012: 48 (students accepted in the Academy the academic year 2009-2010were 1314students 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	2011-2012	48	37	77.1%
Fourth	2012-2013	44	34	77.3%
Fifth	2013-2014	36	32	89 %



3. Grading: No. and percentage in each grade

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

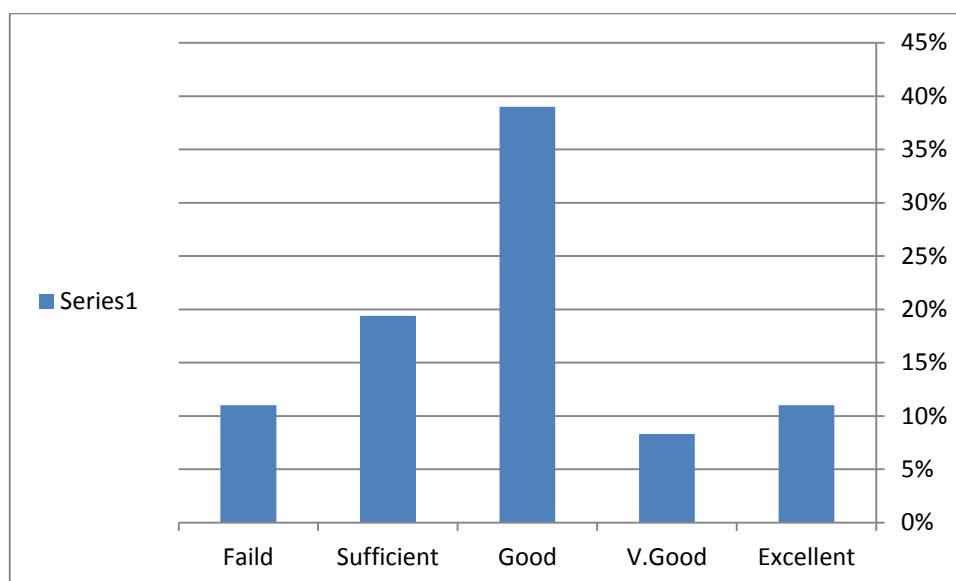
Year	No. of Students	Excellent	V. good	Good	Suff.	Failed	Pass with subjects
3 rd year 2011-2012	36	1	1	8	4	12	10
%	100%	2.8%	2.8%	22.2%	11.1%	33.3%	27.8%
4 th year 2013-2014	30	1	6	6	4	6	7
%	100%	3.3%	20%	20%	13.3%	20%	23.3%
5 th year 2013-2014	24	2	5	11	4	1	1
%	100%	8.3%	20.8%	35.2%	16.7%	4.2%	4.2%



Academic year	Number	Percentage
students joining the program on Sept 2011	48	100%
students completing the program at May 2014	32	67%
students completing the program at Nov 2014	4	8.3%
Total Number of students completing the program at 2014	36	75%

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.	%
5 th year 2013-2014	4	11%	3	8.3%	14	39%	7	19.4%	4	11%



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
B211	Mathematics (3)	A1,A5	B1,B2,B7	C1,C12	D3,D7
E201	Electric circuit Analysis (1)	A1, A2, A3, A4, A5, A6,A8,A15	B1, B2,B4, B5, B6, B7	C1,C3,C5,C6,C9, C10,C11	D1, D2, D3,D6,D7, D9
B221	Physics (3)	A1,A2,A3,A8,A9	B1,B2,B4,B5,B6,B7,B8,B12	C1,C2,C3,C4,C7,C8 ,C11,C12	D1,D3,D4,D7,D9
A60	Civil Engineering technology	A3,A4,A7,A8	B1,B2,9	C1,C2,C3.C5,C7	D6
E210	Computer programming (1)	A1,A2,A4,A5,A13,A15,A16,A18	B1,B2,B3,B6,B8,B13, B14.B16,B17	C6,C14,C15,C18	D1,D3,D4,D7
E220	Instrumentation and Testing (1)	A1, A4, A14, A15	B1,B3,B5,B6,B7,B9,B10,B11,B13, B14	C2,C3,C5,C15,C16, C17,C18,C20	D1,D3,D6,D8, D9
B200	English (3)	A9,A10	B4	C11,C12	D1,D2,D3,D4,D6,D7,D8

E212	Digital Logic Circuits	A1, A2, A3, A5, A14	B1,B2,B3,B4,B8,B12, B14	C1,C2,C3,C5,C6	D3,D4,D5,D6,D7,D 9
B212	Mathematics (4)	A1,A2,A5	B1,B2,B3,B7	C1,C12	D3,D7
E202	Electric circuit Analysis (2)	A1, A2, A3, A4, A5, A6	B1, B2, B3, B4, B5, B6, B7	C1,C2	D1, D2, D3, D7, D9
E240	Data Structure	A1,A2,A3,A4,A5,A9,A12, A16,A18	B1,B2,B4,B8,B12, B14,B17,B18	C1,C2,C3,C5,C6	D1,D2,D3,D4,D6,D 7
M051	Mechanical Engineering Tech.	A1,A3,A4,A5	B1,B2,B3,B4,B5,B6,B 7,B12	C1,C2,C5,C6,C12	D1,D2,D3,D7,D9
B222	Physics (4)	A1,A2,A3,A8,A9	B1,B2,B4,B5,B6,B7,B 8,B12	C1,C2,C3,C4,C7, C11,C12	D1,D3,D4,D7,D9
E213	Computer programming (2)	A1,A2,A4,A13,A15,A16, A18	B1,B2,B3,B6,B16, B17	C6,C14,C15,C18	D1,D3,D4,D7
B202	History of Science and Tech.	A1,A5,A8,A9,A11,A14	B1,B2,B6,B7	C1,C5	D1,D7,D8
E221	Instrumentation and Testing (2)	A1, A4, A14, A15	B1,B3,B5,B6,B7,B9 ,B10,B11,B13, B14	C2,C3,C5,C15,C16, C17,C18, C20	D1,D3,D6,D8, D9

3rd year computer

Code	Course Name	Knowledge & Understanding	Intellectual Skills	Practical & Professional Skills	General & Transferable Skills
		A	B	C	D
B311	Mathematics (5)	A1,A3,A5	B1,B2,B3,B4,B7	C1,C12	D1,D3,D7
E301	Microelectronics (1)	A3, A4 , A8 , A13	B2 , B5 , B7	C2,C3	D3, D5 , D6 ,D7
E361	Operating Systems (1)	A1,A3,A4,A5,A8,A13, A14,A15,A18	B1,B2,B5,B9,B11	C1,C3,C10,C12,C1 4,C15	D2,D3,D6
E321	Digital Circuits Design	A2,A4	B2,B3	C2,C3	D3,D5,D6,D7
E333	Database Management	A1,A3,A4,A5A14,A15, A18	B1,B4,B5,B8,B11, B13,B19	C1,C2,C5,C6,C11, C14,C15,C17,C18, C19	D2,D3,D4,D7
B300	English (4)	A9,A10	B4	C11,C12	D1,D2,D3,D4,D6, D7,D8
E330	Engineering Computer Applic (1)	A1,A2,A5,A12,A13,A16	B1,B2,B3,B5,B7,B13,B 14,B17,B18	C1,C2,C3,C4,C5,C 6,C7,C14,C15	D1,D3,D4,D5,D7, D9
E302	Microelectronics (2)	A1, A3,A4,A15	B2,B3,B5	C1,C7,C15,C18	D2,D3,D6,D7,D9
E303	Digital Signal Processing	A2, A5, A8, A10	B1, B3, B7, B11, B14, B15	C2, C5, C6, C12, C14,C15	D3, D4,D7

E351	Control Engineering (1)	A1, A4, A5, A16	B1, B2, B3, B7	C1, C2, C3, C5, C12, C13, C15	D1, D3, D7, D9
M360	Industrial Psychology	A9,A11	B4,B9	C1,C2,C9	D5,D6
E331	Engineering Computer Applic (2)	A1,A2,A3,A4,A5,A12, A13,A15	B1,B2,B3,B4,B5,B6, B7,B8,B9	C1,C2,C3,C4,C5,C6,C13,C14,C15	D1,D3,D4,D5,D7, D9
E362	Electrical Machines & Power	A1,A4,A5,A7,A8,A12	B2,B3,B5,B6,B7,B9,B11,B13	C1,C4,C5,C8	D2,D3,D6,D7
E399	Project	A1,A3,A4,A5,A6,A7,A8,A9 ,A10,A11,A12,A13, A14,A15,A16,A17	B1,B2,B3,B4,B5,B10,B11,B12,B13,B16	C1,C2,C5,C6,C9, C10,C11,C12,C16	D1,D2,D3,D5,D6, D7,D8,D9

4th year computer

Code	Course Name	Knowledge & Understanding	Intellectual Skills	Practical & Professional Skills	General & Transferable Skills
		A	B	C	D
B411	Mathematics (6)	A1,A5	B1,B2,B3,B11	C1,C4	D3,D4,D7
E414	Computer Architecture (1)	A1,A2,A3,A4,A5,A8,A10,A13,A15	B1,B2,B3,B4,B5,B6,B7,B12,B13,B17	C1,C2,C3,C4,C6, C13,C14,C15	D1,D3D,4,D5,D6, D7,D9
E421	Microprocessor Based Systems (1)	A4,A5,A9,A14,A15,A16,A18	B1,B2,B3,B4,B5,B6,B9,B11,B12,B13, B16,B17	C5,C6,C12,C14,C15	D3,D5,D7,D9
B401	Environmental Science and Technology	A9,A10	B4,B9,B12	C1	D1,D3,D7,D9
E461	Operating Systems (2)	A1,A2,A3,A4,A5,A8,A14,A15,A17	B4,B5,B9,B13,B17	C1,C3,C4,C5,C6,C13,C15	D1,D2,D3,D4,D7, D8,D9
E451	Digital Image Processing	A1,A2,A3,A5,A12,A15, A16	B1,B2,B7,B12,B13 ,B15,B16,B17	C1,C2,C3,C4,C5,C7,C13,C14,C15	D3,D4,D6,D7,D8, D9

E412	Information Systems	A1,A2,A3,A7,A8,A9,A12,A18,A19,A20	B1,B2,B3,B4,B12,B14,B18,B19,B20,B22,B23	C1,C2,C3,C4,C5,C6,C13,C14,C15,C17,C18	D1,D3,D4,D5,D6,D7,D9
E460	Software Engineering	A1,A3,A4,A6,A7,A8,A12,A13,A15,A18	B1,B2,B4,B5,B7,B9,B14,B17	C1,C2,C4,C6,C9,C10,C11,C12,C13,C14	D1,D3,D4,D6,D7,D8,D9
E422	Microprocessor Based Systems (2)	A4,A5,A9,A14,A15,A16,A18	B1,B2,B3,B4,B5,B6,B9,B11,B12,B13,B16,B17	C5,C6,C12,C14,C15	D3,D5,D7,D9
E432	Electronic Measurements	A5,A10,A15	B2,B3,B12	C3,C12,C15,C20	D4,D6,D7
E462	Computer Graphics	A1,A2,A4,A5,A8,A12,A15,A16	B1,B2,B3,B7,B8,B10,B13	C1,C2,C3,C4,C5,C6,C7,C11,C13,C15	D1,D3,D4,D6,D7,D8,D9
B412	International Business Management	A4,A5,A7,A8,A10,A12	B7	C2,C6,C8,C9	D1,D2,D3,D7,D8,D9
E400	Summer Training	A5,A6,A7,A13,A14,A15,A16,A17	B1,B2,B3,B4,B6,B7,B8,B10,B11,B12,B13,B14,B17	C1,C2,C5,C7,C8,C9,C10,C11,C13,C14,C16	D1,D2,D3,D4,D6,D7,D8,D9

5th year computer

Code	Course Name	Knowledge & Understanding	Intellectual Skills	Practical & Professional Skills	General & Transferable Skills
		A	B	C	D
M561	Engineering Economics	A1,A2,A5,A7,	B1,B2,B7,B8	C1,C5,C6,C7,C9	D1,D2,D3,D7,D9
E512	Computer Architecture (2)	A1,A3,A4,A12,A13,A15	B2,B3,B4,B6,B7,B15	C1,C3,C4,C9,C11	D1,D3,D4,D5,D6,D7
E515	Advanced Computer Systems	A1,A2,A3,A5,A8,A13,A15,A17	B1,B2,B3,B5,B9,B13,B14	C5,C6,C7,C12,C14,C16	D3,D4,D7,D9
E521	Distributed Computer Systems	A2,A3,A5,A8,A12,A13,A14,A15,A17	B2,B3,B4,B5,B6,B13,B14,B17,B21	C1,C2,C3,C5,C6,C14,C16,C17	D1,D3,D4,D5,D6,D7,D9
E530	Data Transmission & Computer Networks	A1,A2,A3,A5,A6,A8,A12,A15,A17,A19,A20	B1,B4,B5,B7,B14,B17,B21	C1,C2,C3,C5,C6,C10,C11,C19	D1,D3,D4,D5,D6,D7,D9

E538c	Neural Networks	A1,A2,A3,A4,A5,A11,A12,A13,A15,A17	B1,B2,B3,B4,B5,B7,B8,B11,B13,B14,B15	C1,C2,C5,C6,C7,C14,C15	D1,D3,D4,D5,D7,D9
B 512	Laws and Regulations for Engineers	A5,A6,A9,A10,A11	B3,B4,B9,B12	C1,C5	D1,D3,D7,D9
E 504	Artificial Intelligence	A1,A3,A5,A13,A14,A15	B2,B3,B4,B14,B16	C3,C11,C12,C13,C14	D1,D3,D4,D7,D9
E 531	Data Transmission & Computer Networks(2)	A1,A2,A3,A4,A6,A8,A15,A17,A19,A20	B1,B4,B5,B21	C1,C2,C3,C4,C8,C13,C16,C19	D4,D6,D7,D8,D9
E 534	Computer performance	A1,A2,A3,A8,A9,A12,A13,A14,A15,A16	B1,B2,B3,B5,B6,B8,B11,B12,B13,B14,B18,B19,B21	C1,C2,C3,C4,C5,C6,C13,C14,C15,C19,C20	D1,D3,D4,D5,D7,D9
E 538b	Modling and simulation	A1,A2,A3,A4,A5,A13	B1,B2,B3,B7,B8	C1,C2,C5,C6,C7	D1,D3,D4,D5,D7,D9
E 599	Project	A4,A5,A6,A8,A14	B2,B3,B5,B7,B9,B10,B11,B12,B13,B15	C1,C2,C3,C7,C8,C9,C10,C11,C13,C14,C15	D1,D3,D7

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	B111	Mathematics (1)
		B131	Physics (1)
		B141	Chemistry
		B121	Mechanics (1)
		M160	Production Eng.(1) Workshop
		E111	Intro. to Computers (1)
		M150	Engineering Drawing (1)
		B101	English Language (1)
	Second Term	B112	Mathematics (2)
		B132	Physics (2)
		B122	Mechanics (2)
		M161	Production Eng.(2) Workshop

		E112	Introd. to Computers 2
		M151	Engineering Drawing 2
		B102	English Language (2)
Second Year	First Term	B211	Mathematics (3)
		E201	Electric circuit Analysis (1)
		B221	Physics (3)
		A60	Civil Engineering technology
		E210	Computer programming (1)
		E220	Instruments & Measurements I
		B200	English III
		E212	Digital Logic Circuits
	Second Term	B212	Mathematics IV
		E202	Electrical Circuits Analysis II
		E240	Data Structures
		M051	Tech of mechanical Engineering
		B222	Physics IV
		E213	Computer Programming II
		B202	History of Science
E221	Instruments & Measurements II		
Third Year	First Term	B 311	Mathematics (5)
		E 301	Microelectronics (1)
		E 361	Operating Systems (1)
		E 321	Digital Circuits Design
		E 333	Database Management
		B 300	English (4)
		E 330	Engineering Comp. Application(1)
	Second Term	E 302	Microelectronics (2)
		E 303	Digital Signal Processing
		E 351	Control Engineering (1)
		M360	Industrial Psychology
		E 331	Engineering Comp. Application(2)
		E 362	Electrical Machines & Power
		E 399	Project
Fourth Year	First Term	B 411	Mathematics (6)
		E 414	Computer Architecture (1)
		E 421	Microprocessor Based Systems (1)
		B 401	Environmental Science and Technology

		E 461	Operating Systems (2)
		E 451	Digital Image Processing
	Second Term	E 412	Information Systems
		E 460	Software Engineering
		E 422	Microprocessor Based Systems (2)
		E 432	Electronic Measurements
		E 462	Computer Graphics
		B 412	International Business Management
		E 400	Summer Training
Fifth Year	First Term	M 561	Engineering Economics
		E 512	Computer Architecture (2)
		E 515	Advanced Computer Systems
		E 521	Distributed Computer Systems
		E 530	Data Transmission & Com. Networks (1)
		E 538c	Elective Course(Nural Network)
	Second Term	B 512	Laws and Regulations for Eng.
		E 504	Artificial Intelligence
		E 531	Data Transmission & Computer Networks(2)
		E 534	Computer performance
		E 538b	Elective Course(Modeling and simulation)
		E 599	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 (c)	E538c
Artificial Intelligence	E504
Data transmission & computer networks (2)	E531
Computer Performance Evaluation	E534
Elective 9 Course (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
Signal Processing	E051
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

2013-2014

Annual Course Report

(Academic year 2013-2014)

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 Tutorial Total

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. %

No. of students completing the course: No.

Results:

	No.	%		Grading of successful students:	
				No.	%
Passed	28	96.6			
Failed	1	3.4		Excellent	8 27.59
				Very Good	7 24.14
				Good	7 24.14
				Pass	6 20.69

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Murder	10	Prof. Dr. Abdel – Hamid El- Khoreiby
• 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:

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: 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	<input type="text" value="70 %"/>
Oral examination	----
Other assignments/class work	<input type="text" value="10 %"/>
Mid-Term Exam	<input type="text" value="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

Adequate to some extent

Inadequate

List any inadequacies

Non

5- Administrative constraints

List any difficulties encountered

➤ Non

6- Student evaluation of the course:

List any criticisms

Non

Response of course team

Non

7- Comments from external evaluator(s):

Response of course team

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 non-completion

None

9- Action plan for academic year 2013– 2014

Adding more exercises.

Course coordinator: Abdel-Hamid Mohammed El-Khoreby

Signature:

Date: 2014

Annual Course Report (Academic year 2013-2014)

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 Tutorial Practical Total

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. 31 %

No. of students completing the course: No. 27 87.1

Results:

	No.	%		Grading of successful students:	
Passed	22	81.5		No.	%
Failed	5	18.5		Excellent	2 7.41
				Very Good	2 7.41
				Good	7 25.93
				Pass	11 40.74

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 residue theorem, application	5	
• Definition of P.D.E , solution	6	
• Classification and types	3	
• Solution of linear P.D.E with constant clefts.	6	
• Canonical and standard forms	6	
• Solutions of boundary value problems	6	
• Heat flow and steady state heat distribution	6	
• Vibration of a string	6	
• Vibration of membrane	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:

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	<input type="text" value="70 %"/>
Oral examination	----
Practical/laboratory work	<input type="text" value="%"/>
Other assignments/class work	<input type="text" value="10 %"/>
Mid-Term Exam	<input type="text" value="20 %"/>
Total	100 %

Members of examination committee **Prof Dr. Aly M. Essawi**
Prof Dr. M.A. Kahlifa

Role of external evaluator

4- Facilities and teaching materials:

Totally adequate

Adequate to some extent

Inadequate

List any inadequacies

5- Administrative constraints

List any difficulties encountered
 ➤

6- Student evaluation of the course:

List any criticisms

- Laboratory exercises are insufficient

Response of course team

- | | |
|--|---|
| 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

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

Adding more exercises.

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

Signature:

Date: 2014

Annual Course Report (Academic year 2013-2014)

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. Dr Assem

Course coordinator: Prof. Dr. H. Tawfik Kamel

External evaluator:None

B- Statistical Information

No. of students attending the course: No. 31 100%

No. of students completing the course: No. 28 96.4%

Results:

	No.	%	Grading of successful students:		
Passed	25	92.3		No.	%
Failed	3	7.7	Excellent	2	7.41
			Very Good	3	10.71
			Good	4	14.92
			Pass	16	57.14

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:

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:

None

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

Written examination	<input type="text" value="70 %"/>
Practical examination	<input type="text" value="- %"/>
Other assignments/class work	<input type="text" value="20 %"/>
Mid-Term Exam	<input type="text" value="10 %"/>
Total	100 %

Members of examination committee
Role of external evaluator

Prof. Dr. H. Tawfik Kamel
None

4- Facilities and teaching materials:

Totally adequate

Adequate to some extent

Inadequate

List any inadequacies

None

Dictionaries, Tape recorders....etc

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

Microelectronic lab have been developedby adding new modern computers.

Course coordinator: Prof. Dr. H. Tawfik Kamel

Signature:

Date: 2014

Annual Course Report *Academic year 2013-2014*

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 Tutorial Practical Total
 5- Names of lecturers contributing to the delivery of the course
 Dr. Adel Khedr

B- Statistical Information

No. of students attending the course: No. %

No. of students completing the course: No. %

Results:

	No.	%	Grading of successful students:		
Passed	27	96.4		No.	%
Failed	1	3.6	Excellent	7	25
			Very Good	8	28.57
			Good	4	14.29
			Pass	8	28.57

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
– Introduction to computer system architecture	6	Prof. Dr. Abdell atif
– 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:

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: Non

3- Student assessment:

Method of assessment

Percentage of total

Written examination

Oral examination

Non

Practical/laboratory work

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

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 non-completion

None

9- Action plan for academic year 2013 – 2014

Adding laboratory hours for lab.

Course coordinator: Dr. Adel Khedr

Signature: Prof. Dr Said A.Gawish

Date: 2014

Annual Course Report (Academic year 2013-2014)

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

Tutorial

Practical

Total

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. 100%

No. of students completing the course: No. 90.3%

Results:

	No.	%	Grading of successful students:		
Passed	26	92.9		No.	%
Failed	2	7.1	Excellent	4	14.29
			Very Good	4	14.29
			Good	7	25
			Pass	11	39.92

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). ○ Register transfer operations. -Arithmetic micro operations.	2	
8	○ Logic micro operations. ○ Shift micro operations. ○ 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 ○ Static RAMs (RAM cell and RAM bit slice) ○ Coincident selection. ○ Dynamic RAMs (Basic cell, addressing and refreshing. ○ Memory system hierarchy. -Cache memory.	2	
15	○ Design using ROM-RAM combination. ○ Design involving decoder implementation. ○ Design using memory array configuration.	2	

	-Increasing the size of physical memory space.		
	• 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:

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:
 None

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

Written examination	<input type="text" value="60 %"/>
Practical examination	<input type="text" value="20 %"/>
Other assignments/class work	<input type="text" value="10 %"/>
Mid-Term Exam	<input type="text" value="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

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

None

Response of course team

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

Adding more exercises.

Course coordinator: Prof. Dr. Mohi-Eldin Rateb

Signature:

Date: 2014

Annual Course Report *Academic year 2013-2014*

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 Tutorial Practical Total
 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. %
 No. of students completing the course: No. %

Results:

	No.	%	Grading of successful students:		
Passed	28	96.6		No.	%
Failed	1	3.4	Excellent	3	10.34
			Very Good	3	10.34
			Good	8	27.59
			Pass	14	48.28

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Introduction to MATLAB.	1	
• Matrix Operations, Array Operations Vectors and Matrix Operations.	2	
• Graphing .	2	
• Data Analysis .	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:

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: Non

3- Student assessment:

Method of assessment	Percentage of total
Written examination	<input type="text" value="60 %"/>
Oral examination	Non
Practical/laboratory work	<input type="text" value="20 %"/>
Other assignments/class work	<input type="text" value="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**

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 non-completion

None

9- Action plan for academic year 2013 – 2014

Computer lab has been developed and external exercises have been added.

Course coordinator:

Signature: Prof. Dr Said A.Gawish

Date: 2014

Annual Course Report (Academic year 2013-2014)

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 1 hrs Total 5 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. 31 100%

No. of students completing the course: No. 28 90.3%

Results:

			Grading of successful students:		
	No.	%		No.	%
Passed	26	92.9			
Failed	2	7.4	Excellent	4	14.6
			Very Good	6	21.43
			Good	7	25
			Pass	9	32.14

C- Professional Information

1 – Course teaching:

Topic	Lecture hours	Lecturer
<ul style="list-style-type: none"> • Introduction to control systems(closed loop versus open loop control) 	2	Prof. Dr. Magdy O. Tantawy
<ul style="list-style-type: none"> • Mathematical background and solving of linear time-invariant differential equations 	4	

<ul style="list-style-type: none"> • Mathematical modeling of dynamic systems <ol style="list-style-type: none"> 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
<ul style="list-style-type: none"> • Transient and steady-state response analyses:- <ol style="list-style-type: none"> 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
<ul style="list-style-type: none"> • Basic control actions of control systems <ol style="list-style-type: none"> 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:

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:

None

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

Written examination

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

More exercises have been added.

Course coordinator: Prof. Dr. Magdy O. Tantawy
 Signature:

Date: 2014

Annual Course Report (Academic year 2013-2014)

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 Tutorial Practical Total
- 5- Names of lecturers contributing to the delivery of the course: Prof. Dr. Hany Tawfik – Dr. Assem

Course coordinator: Prof. Dr. Hany Tawfik
External evaluator:None

B- Statistical Information

No. of students attending the course: No. 100%
No. of students completing the course: No. 90.3%

Results:

			Grading of successful students:		
	No.	%		No.	%
Passed	25	89.2	Excellent	3	10.71
Failed	3	10.8	Very Good	5	17.86
			Good	5	17.86
			Pass	12	42.86

C- Professional Information

1 – Course teaching:

Topic	Lecture hours	Practical hours
Bipolar junction transistor amplifier	10	Prof. Dr. Mo
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:

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:

None

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

Written examination	<input type="text" value="60 %"/>
Practical examination	<input type="text" value="20 %"/>
Other assignments/class work	<input type="text" value="- %"/>
Mid-Term Exam	<input type="text" value="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

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

Micro controller lab has been developed, adding more modern computers and modern simulator program.

Course coordinator: Prof. Dr. Hany Tawfik

Signature:

Date: 2014

Annual Course Report Academic year 2013-2014

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 Tutorial Practical Total

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.

No. of students completing the course: No.

Results:

	No.	%	Grading of successful students:		
				No.	%
Passed	29	78.57			
Failed	6	21.42	Excellent	2	7.14
			Very Good	3	10.71
			Good	4	14.29
			Pass	13	46.43

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	

<ul style="list-style-type: none"> Be familiar with the sampling theorem, Nyquist condition, and aliasing error. 	4	
<ul style="list-style-type: none"> Understand the basic of different frequency transformations 	4	
<ul style="list-style-type: none"> Understand the basic of auto-correlation and cross-correlation principles. 	4	
<ul style="list-style-type: none"> Understand the convolution principles of linear time invariant systems 	4	
<ul style="list-style-type: none"> Understand the basic principles of digital filters (FIR and IIR). 	4	
<ul style="list-style-type: none"> Be familiar with the analysis and design methods of FIR and IIR digital filters. 	4	
<ul style="list-style-type: none"> Illustrate the potential applications of digital signal processing in practice. 	4	
<ul style="list-style-type: none"> digital filters (FIR and IIR). 	4	
<ul style="list-style-type: none"> operations of A/D and D/A converters. 	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 Non

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

2- Teaching and learning methods:

Lectures:

Practical training/ laboratory:

Seminar/Workshop:

Class activity:

Researches:

Other assignments/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
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

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:

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

None

9- Action plan for academic year 2013– 2014

More exercises are added.

Course coordinator: Dr. Kamel Abdel Fattah

Signature:

Date: 2014

Annual Course Report Academic year 2013-2014

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 Tutorial Practical Total

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. %

No. of students completing the course: No. %

Results:

	No.	%	Grading of successful students:			
Passed	31	100		No.	%	
Failed	0	0	Excellent	6	21.43	
			Very Good	12	42.86	
			Good	5	17.86	
			Pass	5	17.86	

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:

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: Non

3- Student assessment:

Method of assessment

Percentage of total

Written examination

Oral examination

Non

Practical/laboratory work

Other assignments/class work

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

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 non-completion

None

9- Action plan for academic year 2013 – 2014

More exercised were added.

Course coordinator:

Signature: Prof. Dr Said A.Gawish

Date: 2014

Annual Course Report

Academic year 2013-2014

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 Tutorial Practical Total

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. %

No. of students completing the course: No. %

Results:

	No.	%	Grading of successful students:		
				No.	%
Passed	29	93.5			
Failed	2	6.5	Excellent	4	14.29
			Very Good	4	14.29
			Good	7	25
			Pass	11	39.29

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:

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: Non

3- Student assessment:

Method of assessment

Percentage of total

Written examination

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

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 non-completion

None

9- Action plan for academic year 2013 – 2014

Laboratory hours have been added and general useful programs for companies and banks were developed.

Course coordinator: Dr. Adel Khder

Signature: Prof. Dr Said A.Gawish

Date: 2014

Annual Course Report Academic year 2013-2014

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. 31 100%

No. of students completing the course: No. 28 90.3%

Results:

			Grading of successful students:		
	No.	%		No.	%
Passed	25	89.3			
Failed	3	10.7	Excellent	9	32.14
			Very Good	7	25
			Good	2	7.14
			Pass	7	25

C- Professional Information

1 – Course teaching:

Topic	Lecture hours	Lecturer

• Circuit analysis of transformers	4	Prof. Dr. Said A. Gawish
• Transformer construction	2	
○ 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:

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:
None

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

Written examination	<input type="text" value="60 %"/>
Practical examination	<input type="text" value="20 %"/>
Other assignments/class work	<input type="text" value="10 %"/>
Mid-Term Exam	<input type="text" value="10 %"/>
Total	100 %

Members of examination committee Prof. Dr. Said A. Gawish

Role of external evaluator None

4- Facilities and teaching materials:

Totally adequate

Adequate to some extent

Inadequate

List any inadequacies

None

Dictionaries, Tape recorders....etc

.Yes.

.....

.....

5- Administrative constraints

List any difficulties encountered

➤ None

6- Student evaluation of the course:

List any criticisms

None

Response of course team

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

Machine lab has been developed by adding inverter and other power electronics.

Course coordinator: Prof. Dr. Said A. Gawish

Signature:

Date: 2014

Annual Course Report Academic year 2013-2014

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 Tutorial Practical Total

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. %

No. of students completing the course: No. %

Results:

	No.	%	Grading of successful students:		
Passed	27	100		No.	%
Failed	0	0	Excellent	12	44.44
			Very Good	11	40.74

				Good	3	11.11
				Pass	1	3.7

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	<input type="text" value="----"/>
Oral examination	<input type="text" value="----"/>
Practical/laboratory work	<input type="text" value="30"/>
Other assignments/class work	<input type="text" value="70"/>
Mid-Term Exam	<input type="text" value="----"/>
Total	100 %

Members of examination committee
Dr..
Dr.
Dr.

Role of external evaluator

4- Facilities and teaching materials:

Totally adequate

Adequate to some extent

Inadequate

List any inadequacies

5- Administrative constraints

List any difficulties encountered

-
-

6- Student evaluation of the course:

List any criticisms

Response of course team

Non

7- Comments from external evaluator(s):

Response of course team

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 non-completion: None

9- Action plan for academic year 2013 – 2014

Modern tasks were added and discussed such smart house and other modern issues.

Course coordinator:

Signature: Prof. Dr Said A.Gawish

Date: 2014

Annual Course Report Academic year 2013-2014

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 Tutorial Practical Total

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. %

No. of students completing the course: No. %

Results:

	No.	%	Grading of successful students:	
Passed	25	89.2	No.	%

Failed	3	10.8		Excellent	4	14.29
				Very Good	3	10.71
				Good	4	14.29
				Pass	14	50

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours			Lecturer
	L	T	P	
<i>Industrial Design - Design Concepts</i>	2	-	-	<i>Prof. Dr. Mamdouh Saber Elsayed</i>
<i>Ergonomics</i>	2	-	-	
<i>Application of ergonomics – Instruments – Controls – Workplace</i>	2	-	-	
<i>Aesthetic and ergonomics consideration</i>	2	-	-	
<i>Working conditions and Environment</i>	2	-	-	
<i>Heating and Ventilation</i>	2	-	-	
<i>Industrial Ventilation – Local Ventilation</i>	2	-	-	
<i>Air condition systems</i>	2	-	-	
<i>CFC'S – Ozone depletion and Global warming</i>	2	-	-	
<i>Noise – Exposure to noise</i>	2	-	-	
<i>Noise control technique – Vibration</i>	2	-	-	
<i>Lighting – Level of illuminance</i>	2	-	-	
<i>Factors affecting the quality of lighting</i>	2	-	-	
<i>Human effectiveness</i>	2	-	-	
Total hours	28			

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: *Teaching aids and life components and assembly*

Seminar/Workshop:

Class activity:

Case Study:

Other assignments/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	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

It is recommended to have exercise here

Response of course team

Limited by the supreme council of higher education

7- Comments from external evaluator(s):

Response of course team

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 non-completion

None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
<i>New solving problems</i>		
<i>More teaching aids</i>		

Course coordinator: Prof. Dr. Mamdouh Saber

Signature:

Date: 2014

.Annual Course Report (Academic year 2013-2014)

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 Tutorial Practical Total

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. 24 % 100

No. of students completing the course: No. 24 100

Results:

Passed	No. 24	% 100	
Failed	No. 0	% 0	

Grading of successful students:

		%
Excellent	13	54.17
Very Good	2	8.3
Good	1	4.17
Pass	8	33.33

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:

List any criticisms
 Non

Response of course team

Non

7- Comments from external evaluator(s):

Response of course team

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 non-completion

None

9- Action plan for academic year 2013– 2014

Actions required

None

Completion date

None

Person responsible

None

Course coordinator: Prof. Dr. Aboutaleb

Signature:

Date: 2014

Annual Course Report Academic year 2013-2014

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 Tutorial Practical Total

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. 100%

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

Results:

	No.	%	Grading of successful students:		
Passed	23	95.8		No.	%
Failed	1	4.2	Excellent	5	20.83
			Very Good	2	8.33
			Good	1	14.17
			Pass	15	62.5

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:

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:
None

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

Written examination	<input type="text" value="70 %"/>
Practical examination	<input type="text" value="- %"/>
Other assignments/class work	<input type="text" value="20 %"/>
Mid-Term Exam	<input type="text" value="10 %"/>
Total	<input type="text" value="100 %"/>

Members of examination committee Prof. Ossama El Gayar

Role of external evaluator None

4- Facilities and teaching materials:

Totally adequate

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: 2014

Annual Course Report

Academic year 2013-2014

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 Tutorial Practical Total

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. %

No. of students completing the course: No. %

Results:

26	No.	%	Grading of successful students:		
Passed	20	87		No.	%
Failed	3	13	Excellent	5	21.74
			Very Good	0	0
			Good	7	30.43
			Pass	8	34.78

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 support	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:

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	<input type="text" value="70"/>
Oral examination	----
Practical/laboratory work	<input type="text" value="10"/>
Other assignments/class work	<input type="text" value="10"/>
Mid-Term Exam	<input type="text" value="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

7- Comments from external evaluator(s):

Response of course team

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 non-completion

None

9- Action plan for academic year 2013 – 2014

More exercises have been added.

Course coordinator: Prof. Dr. Sabry Abd Elmouty

Signature: Prof. Dr Said A.Gawish

Date: August 2013

Annual Course Report 2013-2014

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 Tutorial Practical Total
- 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. %

No. of students completing the course: No. %

Results:

	No.	%	Grading of successful students:		
Passed	17	73.9		No.	%
Failed	6	26.1	Excellent	4	17.39
			Very Good	2	8.7
			Good	3	13.04
			Pass	8	34.78

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Numbering and coding systems	4	Prof. Dr. Rama dan
• Architecture of 8 bit and bit microprocessor	6	
• Intel microprocessor form 8086 to Pentium	6	

• Inside the 8086 / 8088 microprocessor	6	Prof. Dr. Hany Tawfik
• Segment register and addresses	8	
• 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:

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

Oral examination

Practical/laboratory work

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

Non

7- Comments from external evaluator(s):

Response of course team

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 non-completion
None

9- Action plan for academic year 2013 – 2014

Adding new modern computers in microprocessor lab.

Course coordinator: Prof. Dr. Ramadan Mahmoud Mustafa
Prof. Dr. Hany Tawfik

Signature: Prof. Dr Said A.Gawish

Date: 2014

Annual Course Report 2013-2014

A- Basic Information

1- Title and code: **Digital Image ProcessingE 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 Tutorial Practical Total

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. %

No. of students completing the course: No. %

Results:

	No.	%	Grading of successful students:		
Passed	23	95.8		No.	%
Failed	1	4.2	Excellent	1	4.17
			Very Good	3	12.5
			Good	4	16.67
			Pass	15	62.5

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:

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

Oral examination

Practical/laboratory work

Other assignments/class work

Mid-Term Exam

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

Non

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

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:

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

New exercised were be added.

Course coordinator:

Signature: Prof. Dr Said A.Gawish

Date: 2014

Annual Course Report 2013-2014

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 Tutorial Practical Total

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. %

No. of students completing the course: No. %

Results:

	No.	%	Grading of successful students:		
				No.	%
Passed	19	82.6			
Failed	4	17.4	Excellent	5	21.74
			Very Good	3	13.04
			Good	5	21.74
			Pass	6	26.09

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:

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

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

Non

7- Comments from external evaluator(s):

Response of course team

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 non-completion

None

9- Action plan for academic year 2013 – 2014

Adding laboratory hours and new projects for companies and banks.

Course coordinator: Dr. Khalid Morsy

Signature: Prof. Dr Said A.Gawish

Date: 2014

Annual Course Report (Academic year 2013-2014)

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 Tutorial Practical Total

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. 24 %

00

No. of students completing the course: No. 24 100

Results:

	No.	%	Grading of successful students:		
Passed	24	100		No.	%

Failed	0	0		Excellent	10	41.67
				Very Good	6	25
				Good	3	12.5
				Pass	5	20.83

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:

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: 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:

List any criticisms

Non

Response of course team

Non

7- Comments from external evaluator(s):

Response of course team

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 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: 2014

Annual Course Report 2013-2014

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 Tutorial Practical Total
 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.	%	Grading of successful students:		
Passed	24	100		No.	%
Failed	0	0	Excellent	15	62.5
			Very Good	1	4.17
			Good	2	8.33
			Pass	6	25

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:

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	<input type="text" value="20"/>
Oral examination	<input type="text" value="---"/>
Practical/laboratory work	<input type="text" value="30"/>
Other assignments/class work	<input type="text" value="---"/>
Mid-Term Exam	<input type="text" value="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

Non

7- Comments from external evaluator(s):

Response of course team

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 non-completion: None

9- Action plan for academic year 2013 – 2014

Adding new modern projects

Course coordinator:

Signature: Prof. Dr. Said Gawish

Date: 2014

Annual Course Report 2013-2014

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 Tutorial Practical Total

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. %

No. of students completing the course: No. %

Results:

	No.	%	Grading of successful students:		
Passed	21	91.3		No.	%
Failed	2	8.7	Excellent	6	26.09
			Very Good	4	17.39
			Good	4	17.39
			Pass	7	30.43

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 , discussions **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	<input type="checkbox"/> 60 %
Oral examination	----
Practical/laboratory work	
Other assignments/class work	<input type="checkbox"/> 10
Mid-Term Exam	<input type="checkbox"/> 30

Total 100 %

Members of examination committee Dr. Khalid Morsy
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

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

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 non-completion

None

9- Action plan for academic year 2013 – 2014

Adding complete projects serving companies and banks.

Course coordinator: Dr. Khalid Morsy

Signature: Prof. Dr Said A.Gawish

Date: 2014

Annual Course Report *2013-2014*

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 Tutorial Practical Total
 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. %
No. of students completing the course: No %
Results:

	No.	%	Grading of successful students:		
Passed	18	78.2		No.	%
Failed	5	21.8	Excellent	2	8.7
			Very Good	1	74.35
			Good	3	13.04
			Pass	12	52.17

4

C- Professional 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

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

2- Teaching and learning methods:

Lectures:

0

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

Oral examination

Practical/laboratory work

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

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

7- Comments from external evaluator(s):

Response of course team

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 non-completion

None

9- Action plan for academic year 2013 – 2014

Lab developed by adding new modern experiments.

Course coordinator:

Prof. Dr. Ramadan Mahmoud Mustafa
Prof. Dr. Hany Tawfik

Signature: Prof. Dr Said A.Gawish

Date: 2014

Annual Course Report Academic year 2013-2014

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 Tutorial Practical Total

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. 100%

No. of students completing the course: No. 95.8%

Results:

	No.	%	Grading of successful students:		
Passed	20	86.9		No.	%
Failed	3	13.1	Excellent	2	8.1
			Very Good	1	4.35
			Good	3	13.04
			Pass	14	60.87

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-ammmeters	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:

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:
None

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

Written examination	<input type="text" value="60 %"/>
Practical examination	<input type="text" value="20 %"/>
Other assignments/class work	<input type="text" value="6.5 %"/>
Mid-Term Exam	<input type="text" value="13.5 %"/>
Total	<input type="text" value="100 %"/>

Members of examination committee
Role of external evaluator

Prof. Dr. Hany Tawfik
None

4- Facilities and teaching materials:

Totally adequate

Adequate to some extent

Inadequate

List any inadequacies

Dictionaries, Tape recorders....etc

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

Increasing exercises.

Course coordinator: Prof. Dr. Hany Tawfik

Signature:

Date: 2014

Annual Course Report 2013-2014

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 Tutorial Practical Total
- 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. %

No. of students completing the course: No. %

Results:

	No.	%	Grading of successful students:			
Passed	23	100			No.	%
Failed	0	0	Excellent	2	8.7	
			Very Good	6	26.09	
			Good	8	34.78	
			Pass	7	30.43	

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	
• Management 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:

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

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: List any criticisms

Response of course team

7- Comments from external evaluator(s):

Response of course team

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 non-completion
 None

9- Action plan for academic year 2013 – 2014

Adding more exercises and more modern programs.

Course coordinator: Prof. Dr. Abdellatief Hussien Abouali

Signature: Prof. Dr Said A.Gawish

Date: 2014

Annual Course Report 2013-2014

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 Tutorial Practical Total

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 .24 %

No. of students completing the course: No. %

Results:

			Grading of successful students:			
	No.	%		No.	%	
Passed	21	91.3				
Failed	2	8.7	Excellent	2	8.7	
			Very Good	3	13.04	
			Good	4	17.39	
			Pass	12	52.17	

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:

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

Oral examination

Practical/laboratory work

Other assignments/class work

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

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

Non

7- Comments from external evaluator(s):

Response of course team

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 non-completion

None

9- Action plan for academic year 2013 – 2014

Adding extra exercises.

Course coordinator: Prof. Dr. Abdellatief Hussien Abouali

Signature: Prof. Dr Said A.Gawish

Date: 2014

Annual Course Report 2013-2014

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 Tutorial Practical Total
 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. %
 No. of students completing the course: No. %
Results:

	No.	%	Grading of successful students:		
Passed	35	97.2		No.	%
Failed	1	2.8	Excellent	2	5.56
			Very Good	6	16.67
			Good	5	13.89
			Pass	22	61.11

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• F.F, decodes Registers multiply	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:

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

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

Non

7- Comments from external evaluator(s):

Response of course team

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 non-completion

None

9- Action plan for academic year 2013 – 2014

Adding more exercises and programs.

Course coordinator: Dr. Sabry Abd el Moaty

Signature: Prof. Dr Said A.Gawish

Date: 2014

Annual Course Report 2013-2014

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 Tutorial Practical Total

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

Prof. Dr. Osama M.Elmoawfy

Course coordinator Prof. Dr.

External evaluator

B- Statistical Information

No. of students attending the course: No. %

No. of students completing the course: No. %

Results:

	No.	%	Grading of successful students:		
Passed	34	97.2		No.	%

Failed	1	2.8		Excellent	8	22.86
				Very Good	4	11.43
				Good	10	28.57
				Pass	12	34.29

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
Introduction to Compiler	4	Prof. Dr. Osama M.Elmostafay
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:

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	<input type="text" value="Final"/>
Oral examination	----
Practical/laboratory work	<input type="text" value="..."/>
Other assignments/class work	<input type="text" value="..."/>
Mid-Term Exam	<input type="text" value="..."/>
Total	100 %

Members of examination committee Prof. Dr. Osama M.Elmowafy
 Prof. Dr.

Role of external evaluator

4- Facilities and teaching materials:

Totally adequate

Adequate to some extent

Inadequate

List any inadequacies

5- Administrative constraints

List any difficulties encountered Non

6- Student evaluation of the course:

List any criticisms

Non

Response of course team

7- Comments from external evaluator(s):

Response of course team

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 non-completion

None

9- Action plan for academic year 2013 – 2014

Adding more exercises.

Course coordinator: Prof. Dr. Osama M.Elchowafy

Signature: Prof. Dr Said A.Gawish

Date: 2014

Annual Course Report 2013-2014

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 Tutorial Practical Total

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. %

No. of students completing the course: No. %

Results:

	No.	%	Grading of successful students:			
				No.	%	
Passed	35	97.2				
Failed	1	2.8	Excellent	6	16.67	
			Very Good	13	36.11	
			Good	5	13.8	
			Pass	11	30.56	

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:

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	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	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 labratory.

6- Student evaluation of the course:
 List any criticisms

Response of course team

non

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

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 non-completion

None

9- Action plan for academic year 2013 – 2014

Increasing number of exercises related by image processing computer applications.

Course coordinator: Prof. Dr. Wafaai Bogdady

Signature: Prof. Dr. Said A.Gawish

Date: 2014

Annual Course Report 2013-2014

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 Tutorial Practical Total

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. %

No. of students completing the course: No. %

Results:

	No.	%	Grading of successful students:		
				No.	%
Passed	35	97.2			
Failed	1	2.8	Excellent	11	30.66
			Very Good	12	33.33
			Good	7	19.44
			Pass	5	13.89

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:

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	<input type="text" value="60"/>
Oral examination	----
Practical/laboratory work	<input type="text" value="20"/>
Other assignments/class work	<input type="text" value="10"/>
Mid-Term Exam	<input type="text" value="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

Adequate to some extent

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

Non

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

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 non-completion

None

9- Action plan for academic year 2013 – 2014

Developing modern exercises.

Course coordinator: Prof. Dr. Wafaay Boghdady

Signature: Prof. Dr Said A.Gawish

Date: 2014

Annual Course Report *2013-2014*

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 Tutorial Practical Total

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. %

No. of students completing the course: No. %

Results:

	No.	%	Grading of successful students:		
Passed	32	91.4		No.	%
Failed	3	8.6	Excellent	5	14.29
			Very Good	6	17.14
			Good	7	20
			Pass	14	40.00

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 % <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:

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: 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

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 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: 2014

Annual Course Report (Academic year 2013-2014)

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 Tutorial Practical Total

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. 36 %

No. of students completing the course: No. 35

Results:

	No.	%	Grading of successful students:		
Passed	35	100		No.	%
Failed	0	0	Excellent	7	20
			Very Good	11	31.43
			Good	15	42.86
			Pass	2	5.71

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:

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: Non

3- Student assessment:

Method of assessment	Percentage of total
Written examination	<input type="text" value="70 %"/>
Oral examination	-
Practical/laboratory work	<input type="text" value="- %"/>
Other assignments/class work	<input type="text" value="10 %"/>
Mid-Term Exam	<input type="text" value="20 %"/>
Total	100 %

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

Role of external evaluator Non

4- Facilities and teaching materials:

Totally adequate

Adequate to some extent

100%

Inadequate

-

List any inadequacies

Non

5- Administrative constraints

List any difficulties encountered

➤ Non

6- Student evaluation of the course:

Non

Response of course team

Non

7- Comments from external

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 non-completion

None

9- Action plan for academic year 2013– 2014

Actions required

None

Completion date

Person responsible

Non

Course coordinator: Prof. Dr S. R. Gouda

Signature:

Date: 2014

Annual Course Report 2013-2014

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 Tutorial Practical Total

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. %

No. of students completing the course: No. %

Results:

	No.	%	Grading of successful students:		
Passed	33	97		No.	%
Failed	1	3	Excellent	5	14.7
			Very Good	6	17.65
			Good	12	35.29
			Pass	10	29.41

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.cgeneatlg	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:

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

Oral examination

--10--

Practical/laboratory work

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**

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 non-completion

None

9- Action plan for academic year 2013 – 2014

Adding more exercises.

Course coordinator: Dr. Sabry Abd el Moaty

Signature: Prof. Dr Said A.Gawish

Date: 2014

Annual Course Report *2013-2014*

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 Tutorial Practical Total

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. 36 %

No. of students completing the course: No. %

Results:

	No.	%	Grading of successful students:		
Passed	34	97		No.	%
Failed	1	3	Excellent	10	28.57
			Very Good	7	20
			Good	10	28.57
			Pass	7	20

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:

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	<input type="text" value="60"/>
Oral examination	----
Practical/laboratory work	<input type="text" value="20"/>
Other assignments/class work	<input type="text" value="10"/>
Mid-Term Exam	<input type="text" value="10"/>
Total	100 %

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

Non

7- Comments from external evaluator(s):

Response of course team

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 non-completion

None

9- Action plan for academic year 2013 – 2014

Adding more exercises.

Course coordinator: Prof. Dr. Wafaay Boghdady

Signature Prof. Dr Said A.Gawish

Date: 2014

Annual Course Report *2013-2014*

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 Tutorial Practical Total

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. %

No. of students completing the course: No. %

Results:

	No.	%	Grading of successful students:		
				No.	%
Passed	34	97.1			
Failed	1	2.9	Excellent	3	8.57
			Very Good	6	17.14
			Good	7	20
			Pass	18	51.43

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:

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 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 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

Non

7- Comments from external evaluator(s):

Response of course team

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 non-completion

None

9- Action plan for academic year 2013 – 2014

Adding more exercises.

Course coordinator: Dr.Sabry Abd el Moaty

Signature: Prof. Dr Said A.Gawish

Date: 2014

Annual Course Report *2013-2014*

A- Basic Information

1- Title and code: Electrical Power Electronics

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 Tutorial Practical Total

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. %

No. of students completing the course: No. %

Results:

			Grading of successful students:		
	No.	%		No.	%
Passed	86	98.9			
Failed	1	1.1	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.Ga
• 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:

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	<input type="text" value="90"/>
Oral examination	----
Practical/laboratory work	<input type="text" value="30"/>
Other assignments/class work	<input type="text" value="20"/>
Mid-Term Exam	<input type="text" value="10"/>

Total **100 %**

Members of examination committee Dr. Said A.Gawish
Dr. Ramdan Mustafa

Role of external evaluator

4- Facilities and teaching materials:

Totally adequate Yes

Adequate to some extent Totaly

Inadequate

List any inadequacies

5- Administrative constraints

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

Non

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

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 non-completion

None

9- Action plan for academic year 2013 – 2014

Adding experiments on inverter and power electronics such choppers although there is no lab decided in course.

Course coordinator: Prof. Dr. Said A.Gawish

Signature:

Date: 2014

Annual Course Report 2013-2014

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 Tutorial Practical Total

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. %100

No. of students completing the course: No. %

Results:

	No.	%	Grading of successful students:			
Passed	35	100		No.	%	
Failed	0	0	Excellent	6	17.14	
			Very Good	5	14.29	
			Good	12	34.29	
			Pass	12	34.29	

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:

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	<input type="text" value=".60."/>
Oral examination	-----
Practical/laboratory work	<input type="text" value="...10.."/>
Other assignments/class work	<input type="text" value=".10.."/>
Mid-Term Exam	<input type="text" value="..20.."/>
Total	100 %

Members of examination committee Dr. Abdel Monem Foda

Dr.

Role of external evaluator

4- Facilities and teaching materials:

Totally adequate

Adequate to some extent

Inadequate -----

List any inadequacies

5- Administrative constraints

List any difficulties encountered

6- Student evaluation of the course:

Response of course team

List any criticisms

Non

7- Comments from external evaluator(s):

Response of course team

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 non-completion: None

9- Action plan for academic year 2013 – 2014

Increasing no. of exercises.

Course coordinator:Dr.abd Elmoneim Foda

Signature: Prof. Dr Said A.Gawish

Date: 2014

Annual Course Report Academic year 2013-2014

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 Tutorial Practical Total

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. %

No. of students completing the course: No. %

Results:

	No.	%	Grading of successful students:		
Passed	34	97.1		No.	%
Failed	1	2.9	Excellent	3	8.57
			Very Good	9	25.71
			Good	14	40
			Pass	8	22.86

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
- Introduction to neural networks	3	Dr. AdelKhe dr
- 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:

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

Oral examination

Practical/laboratory work

Other assignments/class work

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

Non

7- Comments from external evaluator(s):

Response of course team

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 non-completion

None

9- Action plan for academic year 2013 – 2014

Adding more exercises.

Course coordinator:Dr. Adel Khedr

Signature:Prof. Dr Said A.Gawish

Date: 2014

Annual Course Report Academic year 2013-2014

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 Tutorial Practical Total
- 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.	%	Grading of successful students:		
				No.	%
Passed	35	100			
Failed	0	0	Excellent	19	54.2
			Very Good	12	34.29
			Good	1	2.86
			Pass	3	8.57

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:

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

Oral examination

Practical/laboratory work

Other assignments/class work

Mid-Term Exam

Total

200 %

Members of examination committee

Dr..

Role of external evaluator

4- Facilities and teaching materials:

Totally adequate

Adequate to some extent

Inadequate

List any inadequacies

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

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 non-completion: None

9- Action plan for academic year 2013 – 2014

Developing more modern projects.

Course coordinator: Prof. Dr Said A.Gawish

Signature: Prof. Dr Said A.Gawish

Date: 2014