Architecture Engineering and Building Technology B.Sc.

Program Report

2010-2011

Content

Architectural Engineering and Building Technology

PROGRAM REPORT

November 2011

1. General

1.1 Basic Information

1- **Program title:** Architectural Engineering and Building Technology.
2- **Program type:** Single.
3- **Department offering the program:** Architectural Engineering and Building Technology.
4- **Co-coordinator:** Prof. Dr. Aiman Nour Afifi.
5- **External evaluators:**
- **Prof. Hania M. Hamdy :** Vice Dean for Postgraduate Studies &Research
Faculty of Engineering - Mataria-Helwan University.
- **Prof. Eman Hanem Ahmed Afifi :**Prof.of Architecture & Urban Design
Faculty of Engineering-Shoubra-Banha University

6-Year of operation: 2001-2002

2. Professional Information

2.1 Statistics

1-No. of students starting the program at 2007-2008: 410 (students accepted in the Academy the academic year 2006-2007 were 1300 students with a ratio 31.5%
2-Ratio of students` attending the program in 2010-2011 to those of accepted in the Academy the academic year 2009-2010: 275/650 = 42.3%
3-No. and percentage of students passing in each year/level/semester for the students graduated in 2011

Table (1): No. and percentage of students passing in each year/level/semester

Year		Number of students	No of passing Students	Percentage of passing students
Second	2007-2008	410	371	90.5 %
Third	2008-2009	333	287	86.2%
Fourth	2009-2010	325	250	76.8%
Fifth	2010-2011	295	235	79.6%

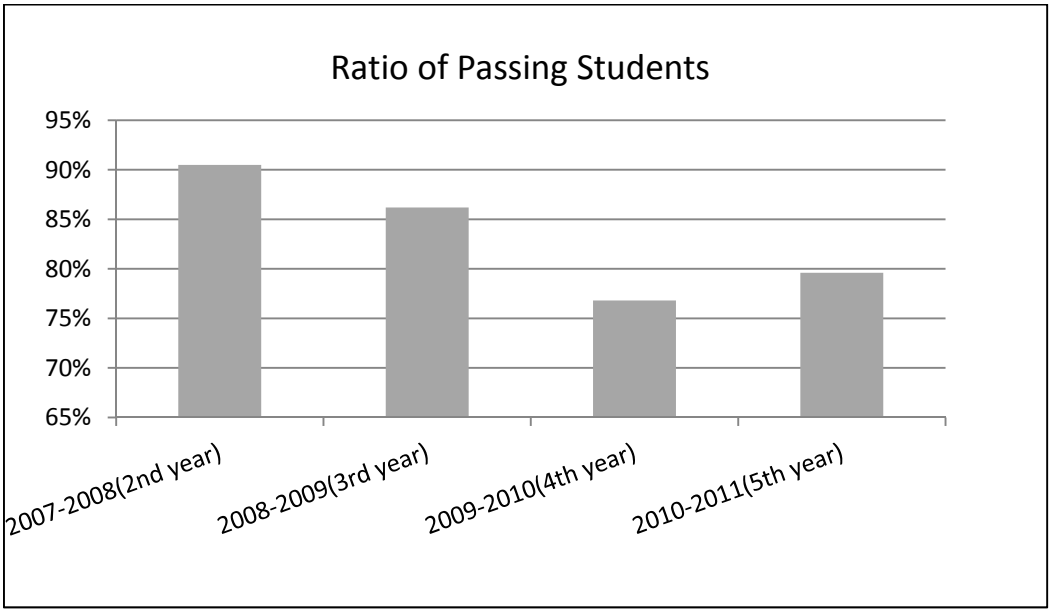

Figure (1): Ratio of students (graduated in 2011) passing in each year/level/semester

4-No. of students completing the program and as a percentage of those who started:
295 / 410 = 72%

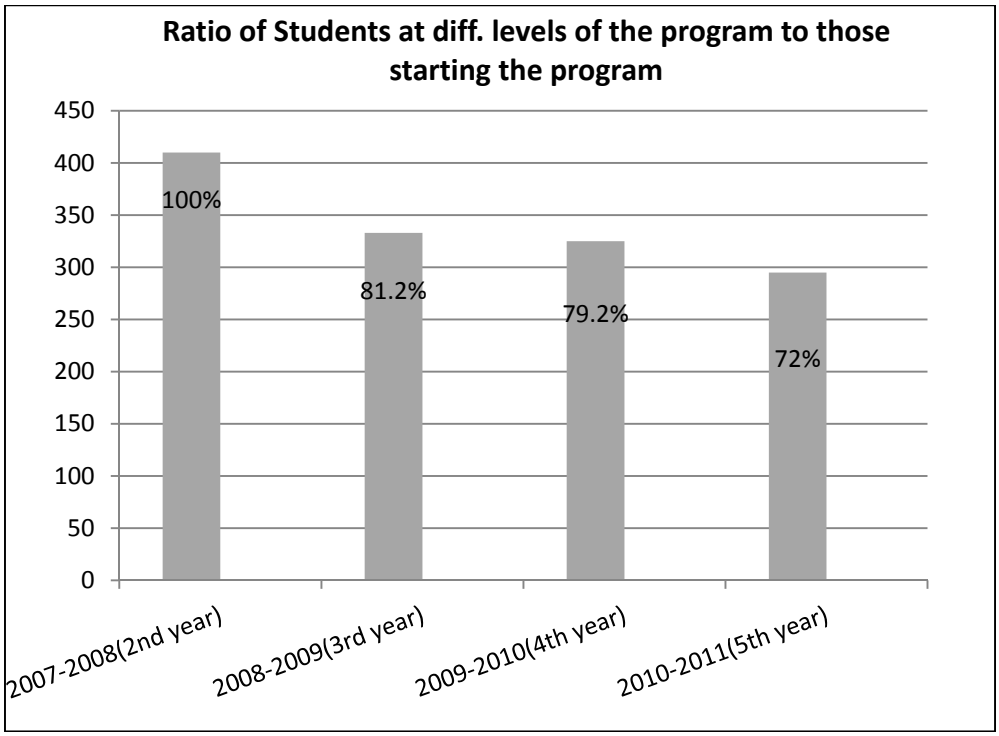

Figure (2): No. of students completing the program and as a percentage of those who started

5-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
2nd year 2007-2008	410	57	55	76	183	39
%	100%	13.9%	13.41%	18.54%	44.63%	9.51%
3rd year 2008-2009	333	16	42	60	172	43
%	100%	4.8%	12.61%	18.1%	51.6%	12.91%
4th year 2009-2010	276	25	68	83	36	64
%	100%	9%	24.6%	30.2%	13%	23.2%
5th year 2010-2011	295	15	37	78	105	60
%	100%	5.1%	12.5%	26.4%	35.6%	20.3%

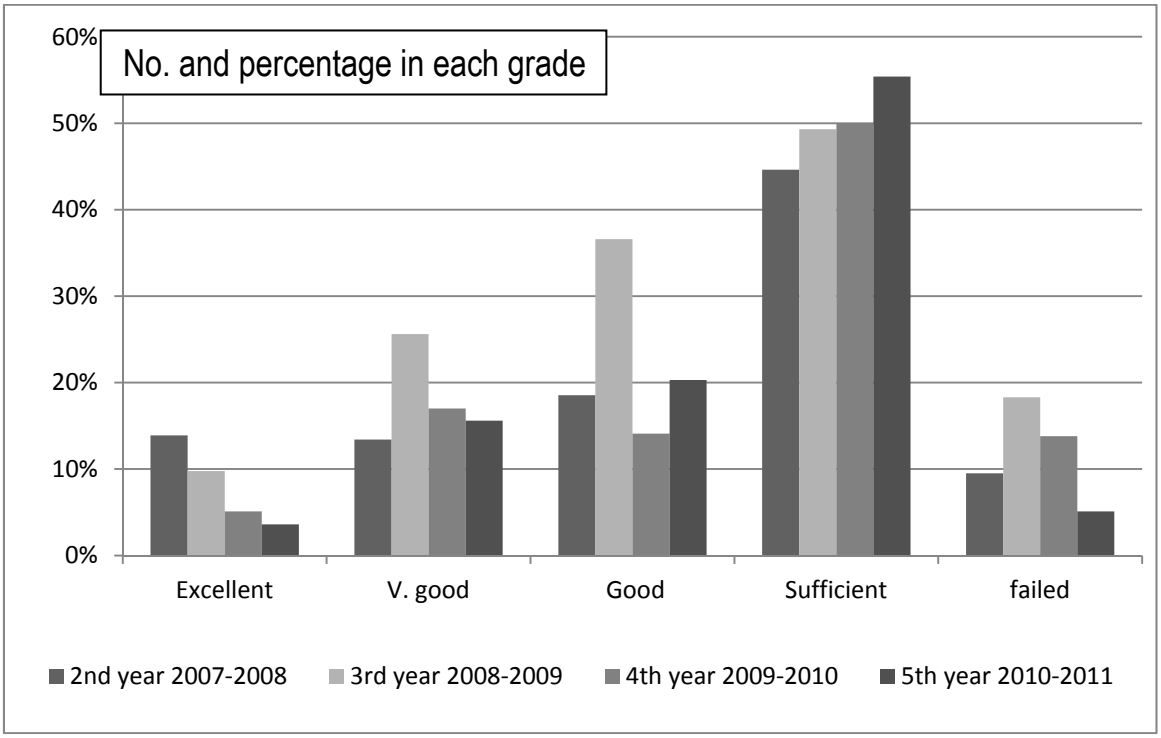

Figure (3): No. and percentage of students passing in each grade

Academic year	Number	Percentage
students joining the program on Sept 2010	295	100%
students completing the program at May 2011	235	81.31%
students completing the program at Nov 2011	47	15.9%
Total Number of students completing the program at 2011	Not available	

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

Year	Excellent		V. good		Good		Sufficient		failed	
	No.	%	No.	%	No.	%	No.	%	No.	%
5th year 2010-2011 (295 students)	15	5.1%	37	12.5%	78	26.4%	105	35.6%	60	20.3%

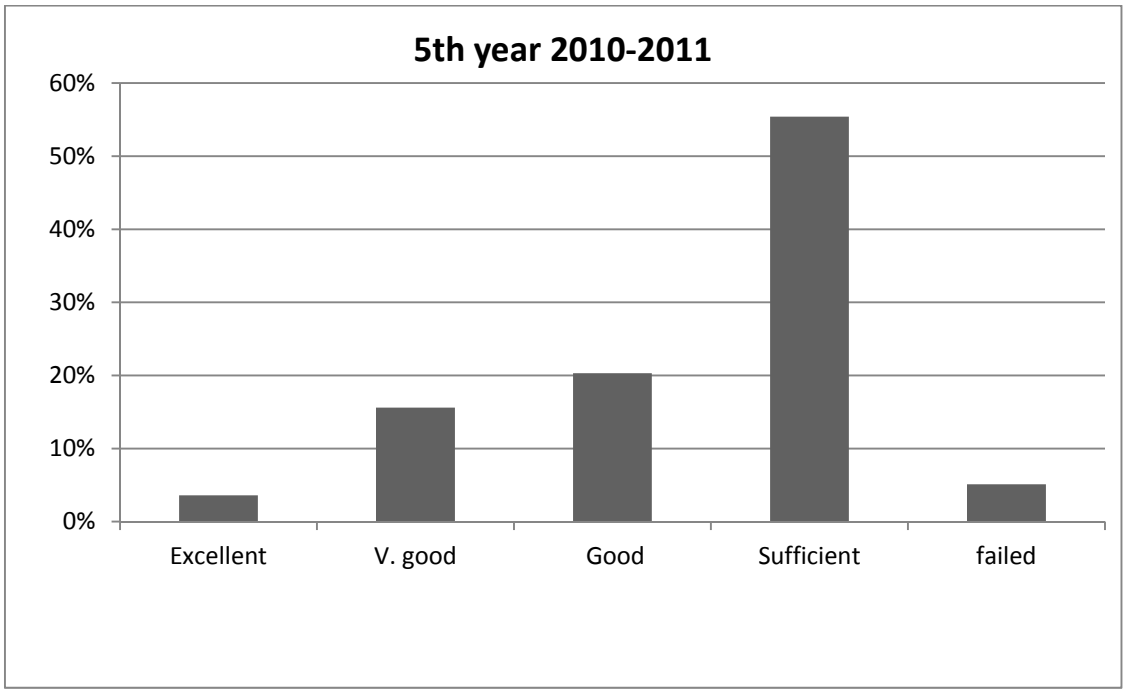

Figure (4): No. and percentage of students passing in each grade 5th year

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 Architecture

Code	Course Name	Knowledge & Understanding	Intellectual Skills	Practical & Professional Skills	General &Transferable Skills
		A	B	C	D
B252	Mathematics VII	1,2,5,8,10	1,2,11	1,7,9	1,2,3,4,5,6,7
A211	Architectural design(1-a)	4,14,19,24	2,3,13	4,12,17	3,7
A212	Architectural design(1-b)	4,14,19,24	2,3,13	4,12,17	3,7
A221	History & Th. of Arch .(1-a)	4,14,20	3,20	2,21	1,2,3,7
A222	History &Th.of Arch. (1-b)	20	20,21	21	1,2,3,4
A231	Building construction(1-a)	3,5,9,15	2,11,12,17	2,3,13,14,15	1,2,3,6,7,8
A232	Building construction(1-b)	3,5,9,15	2,11,12,17	2,3,13,14,15	1,2,3,6,7,8
A241	Sciagraphy and perspective	14	4,14	14,17	3,8
A242	Properties &Strength of m.	3,4,7,13,15	5,17	1,2,10,14	6
A251	Visual training (1)	14	4,13	13,17	1,3,8
A261	Theory of structures (a)	4,5	2,3,11	1,3,5	6,7
A262	Theory of structures (b)	4,5	2,3,11	1,3,5	6,7
A271	Surveying	4,9,15	2,9,18	1,6,15	3,5,6
A281	Computer Appl.(Cad)-a	14,16,21	1,3,4,13	5,12,13,14	1,3,6,7
A282	Computer Appl. (Cad)-b	14,16,21	1,3,4,13	5,12,13,14	2,3,4,7
A291	Building technology-a	15,20	4,17	14,18	1,3,5,6,7
A292	Building technology-b	9,15	13,17	14,17	1,3,5,6,7

3rd year Architecture

Code	Course Name	Knowledge & Understanding	Intellectual Skills	Practical & Professional Skills	General &Transferable Skills
		A	B	C	D
A311	architectural design(2)-a	5,14,22	3,4,13	3,6,17	3,7
A312	architectural design(2)-b	5,14,22	3,4,13	3,6,17	3,7
A321	Building Const. &Mat.(2)- a	15,16,21,22,23	13,14,15,17	13,14,17	1,2,3,6,7,8
A322	Building Const.&Mat.(2)- b	15,16,21,22,23	13,14,15,17	13,14,17	1,2,3,6,7,8
A331	History& Th. of arch.(2-a)	16,18,19,20	1,2,3,4,5,6,7,8,21	1,2,3,21	1,2,3,4,6,7
A332	History& Th. of arch.(2-b)	13,20	7,14,20	12,13,18	2,3,4,5,9
A341	Reinf. concrete & Steel.(1)	4,5	2,3,6,11	1,3,7	6,7
A342	Reinf. concrete & Steel (2)	4,5	2,3,6,11	1,3,7	6,7
A351	Environmental control	5,9,12,24	2,3,13,15,17	2,11,17,19	1,2,3,4,5,6,7,8
A352	visual training (2)	1,14,20	13,14,15	13,14	1,2,3,6,7
A361	Design Methodology	3,4,10,12	4,7,9,12,13,21	3,4,8,18	3,6,7,8
A362	Human Architecture Studies	4,20,24,7	3,4,19	6,12,17,18,21	1,3,5,6
A371	History & Th. of planning	7,17,18,19,20	2,3,18,20,21	11,12,21	1,7,8
A372	Computer Appl.- b	4,14,15,21	1,4,9,13,14,15,17,21	14,17,21	1,2,3,5,6,7,8
A381	Computer Appl. -a	4,14,15,21	1,4,9,13,14,15,17,21	14,17,21	1,2,3,5,6,7,8
A382	Construction equipment-b	15,16	2,3,4,9,20	11,12,15	1,2,5,6,7
A391	Construction equipment-a	15,16	2,3,4,9,20	11,12,15	6,7

4th year Architecture

Code	Course Name	Knowledge & Understanding	Intellectual Skills	Practical & Professional Skills	General &Transferable Skills
		A	B	C	D
A411	Architecture Design(3)-a	4,12,14,24	3,4,13,14,15,16,17,19, 20,21	4,12,14,16,17,18,19 ,20,21	2,3,6,7
A412	Architecture Design(3)-b	4,12,14,24	3,4,13,14,15,16,17,19, 20,21	4,12,14,16,17,18,19 ,20,21	2,3,6,7
A421	History ,Th. of Art & Arch(3-a)	4,9,19, 22	3,12,13,14,17	12,17,18	3,4,5,9
A422	History ,Th. of Art &Arch.(3-b)	18,20	13,20,21	20,21	1,3,4,8
A431	Working Dr.& Const. Meth (1.a	4,9,15,16,22	3,4,17	4,10,13,14,17	2,3,6,7
A432	Working Dr. &Const. Meth (1.b	4,9,15,16,22	3,4,17	4,10,13,14,17	2,3,6,7
A441	Technical& Sanitary Inst.-a	1,4,5,6,9,12,13, 15,24	1,2,3,4,7,13	1,5,7,11,14	6
A442	Technical &Sanitary Inst.-b	1,4,5, 9,12,13, 15,24	1,2,3,4,7,13	1,5,7,11,14	6
A451	City Planning &Hous.(1)-a	12,17,18,20	10,11	6,20	2,3,5
A452	City Planning &Hous.(1)-b	12,17,18,20	10,11	6,20	2,3,5
A461	Project Management	3,6,8	3,17	2,3	9
A462	Foundations	4,5,9,15	2,5,6	1,3,13,14	6
A471	Elective 1(housing of developing countries)	10,23	4		9
A472	Elective 2 (urban renewal)	8,17	11,20	1,8	6,7
A481	Modular Coordination-a	1,7,10	1,2,9	1,5,12	6
A482	Modular Coordination-b.	1,7,10	1,2,9	1,5,12	6
A491	Building Economics-a	2,7,14	2,9,16	2,15	3,8
A492	Building Economics-b	2,7,14	2,9,16	2,15	3,8

5th year Architecture

Code	Course Name	Knowledge & Understanding	Intellectual Skills	Practical & Professional Skills	General &Transferable Skills
		A	B	C	D
A511	Architectural Design(4)-a	14,15,21,24	13,14,18,20,21	12,17,18,21	2,3,7,9
A512	Architectural Design(4)-b	14,15,21,24	13,14,18,20,21	12,17,18,21	2,3,7,9
A521	Working Dr. &Const. Docum.(2)-a	3,5,6,7,11,12,13,15,16 ,21,22,23,24	9,12,13,14,15,16,17,2 0	1,2,10,11,13,14,15	1,2,3,6,7,8
A522	Working Dr.& Const. Docum. (2)-b	3,5,6,7,11,12,13,15,16 ,21,22,23,24	9,12,13,14,15,16,17,2 0	1,2,10,11,13,14,15	1,2,3,6,7,8
A531	Urban Design(a)	10, 17	10,20	21	1,5
A532	Urban Design(b)	12,17	13,20	8, 21	1,5
A541	City Planning(2)-a	12,17,18,20	10,11	6,20	2,3,5
A542	City Planning(2)-b	12,17,18,20	10,11	6,20	2,3,5
A551	History & Th. of Arch.(4)	4,13,14,20	3,12,13,14,20	12,17,18	2,3,4, 5,9
A552	Elective Course (4)- (Aesthetics of the composition)	14,15,17,20	1,2,13	3,9,13,14	1,2,3,7,8
A561	Elective Course (3) (urban& environmental conservation)	6,12,17,18,20	2,18,20,21	16,20,21	1,7,9
A562	Final Graduation Project	4,6,12,13,14,15,23,24	2,3,4,5,7,13,14,15,16, 17,18,19,20,21	2,3,4,11,12,16,17,18, 19,20,21	2,3,6,7
A571	Modern System Building Mat.	9,13,15	4,5,12,15	8,10,14	6
A572	Laws & regulations for eng.	8,17	11,20	1,8	6,7
A581	Quantities & Contracts -a	3,5,6,7,9,15,16	3,4,5,7,9,12,16,17,19	3,6,8,10,11,13,14,15	1,2,7
A582	Quantities & Contracts -b	3,5,6,7,9,15,16	3,4,5,7,9,12,16,17,19	3,6,8,10,11,13,14,15	1,2,7

Regarding the previous table we observe the achievement of program intended learning outcomes to be covered by all courses taught:

Comments of external evaluator and other stakeholders

a- Comments of stakeholders:

a. Totally full knowledge of relevant scientific methods of the design process are emphasized, identifying environmental constraints and, cultural contexts, as well as the understanding of relationships between forms and other different aspects including physical and none physical criteria of generating forms.
b. Climatic constraints are very much respected in design as well as other basic design principles such as; functionality, aesthetic aspects, flexibility, adaptability, balance of form, homogeneity, unity, circulation,…..etc.
c. Human needs as a user of space and his comfort is a priority of architecture design.
d. Other important aspects of the educational system is totally regarded, that includes; implementation methods and techniques, construction tech. , site mechanisms, awareness of technical systems in buildings, computer related use.
e. Full knowledge of architecture design process are taught, to provide methods of applying functional, environmental, social and economical aspects of design for both residential and commercial buildings. Design constraints are identified as well as, cultural and social contexts.
f. Methods of generating building forms and site planning according to project size and site characteristics encompassing climate, topography and surrounding built environment.
g. Design flexibility to fulfill user's needs is a priority.
h. Development of research skills and team work through the preparation of project research documents, gathering data from similar projects.
i. Studies regarding local architecture aspects, aesthetic aspects and awareness of built environment values.

b- Comments of external evaluator

First Evaluator Comments & Program Coordinator Response:

Reviewer Comment	Coordinator Response
The ILO's are clear but are also an exact copy of NARS…with the same wording, thus the character of the program does not show (building technology) & was not reflected on any of the ILO's.	The department adopted the NARS as the academic reference standard and considered the NARS intended learning outcomes as the program ILO's. Moreover, the courses ILO's are stated in detail in the courses specifications. They agree, in general, with the program ILO's

Second Evaluator Comments &Program Coordinator Response:

Reviewer Comment	Coordinator Response
The ILO's must be revised in relation to the NARS.	The department adopted the NARS as the academic reference standard and considered the NARS intended learning outcomes as the program ILO's.

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 totally achievement of program aims which are:

1- Providing practical professionally-supervised training programs.
2- Applying advanced teaching methods.
3- Undertaking continual development of taught curricula.
4- Maintaining balance between theoretical fundamentals and practical application.
5- Emphasizing coherence and integration between architectural design, building systems, --construction methods, urban planning, and landscape architecture.
6- Broadening the scope of taught courses, enriching their content by local and international case studies and experiences.
7- Engaging graduates in realistic research work that responds to genuine community demands.
8- Promoting sustainable ecologic and cultural qualities in the built environment.

Comments of external evaluator and other stakeholders:

i. Comments of stakeholders:

The academy is applying a real advanced teaching system, based upon maintaining balance between theoretical fundamentals and practical application, emphasizing coherence and integration between architectural design, building systems, construction methods, urban planning and, landscape architecture.

The teaching system is based upon advanced teaching techniques using models to develop building form and site planning. Manual drawing skills are first developed to help student acquire presentation skills. The academy also develops design skills using computer programs starting with Auto Cad up to the very sophisticated levels of 3- D programs.

ii. **Comments of external evaluators**

First Evaluator Comments &Program Coordinator Response:

Reviewer Comment	Coordinator Response
Program aims are exactly as those given in NARS for the attributes of the Engineer (A-K) and the attributes of an architectural engineer (L-Q).	The department adopted the NARS as the academic reference standard and considered the NARS attributes of the graduate as the program attributes.
The mission of the program is general & needs to be revised.	The mission of the program was revised and agreed upon as is by the department council.

Second Evaluator Comments &Program Coordinator Response:

Reviewer Comment	Coordinator Response
The aims of the program are general & needs to be revised as a program of building technology.	The aims of the program was revised and agreed upon as is by the department council.

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.

Comments of external evaluator and other stakeholders
a- Comments of stakeholders:

Students grades percentages in the second year is almost "sufficient", and the highest failure rate in the department is also in the second year - which is the first student's year in studying architecture-, this indicates that most of the students entering the program are not eligible for this kind of study.
• Band students of the fifth year received the highest proportions of "sufficient" and this is likely to affect the quality of the academic graduate, which requires careful assessment to this phenomenone to improve the educational process.
• Study the causes of student grades in the second year and the fifth to maintain the level of academic graduate.

b- Comments of external evaluators

First Evaluator Comments &Program Coordinator Response:

Reviewer Comment	Coordinator Response
No rules for student's assessment were indicated.	Rules for student's assessment are stated in (Appendix 6) in the Program Specification.
Program evaluation of societal parties must be specified.	Program evaluation of societal parties was specified.

Second Evaluator Comments &Program Coordinator Response:

- No comments.

2.5 Student achievement

Graduated Students achievement through the program

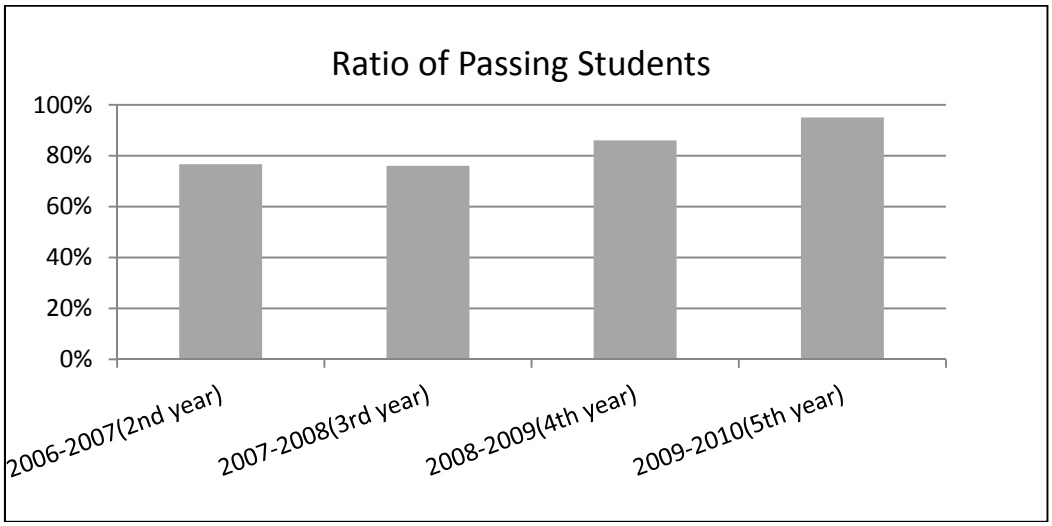

Figure (5): Graduated Students achievement through the program

After reviewing the results of students finishing the program in 2009-2010 regarding their achievements in each grade level throw different years, we can observe the increase in passing ratio for the same students each year.

Comments of external evaluator and other stakeholders on statistics from Section B:

a- Comments of stakeholders:

- Students are coping well with the learning system and, methods implemented at the academy. They became familiar to hard work, libraries, books, periodicals, as well as, to computer use and internet. They present very well seminars, able to work in groups; each member of the group is executing his drawn task efficiently.
- The applied system implies discipline and help student form hard work habit. Libraries, field andresearch work help developing analytical skills. Seminars help developing presentation skills.

b- Comments of external evaluators

First Evaluator Comments & Program Coordinator Response:

Reviewer Comment	Coordinator Response
Student achievements were not shown in papers provided by the department.	All the student achievements are stated in the program report.

Second Evaluator Comments &Program Coordinator Response:

- No comments.

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

- The department is interested in the students' support, despite of the growing numbers of students entering the department through the following:

- Divide the students of the same level into groups and the distribution of the studying schedule to optimize the use of lecture halls and drawing rooms
- 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.

- 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)
- Percentage of staff members to students : 1:37

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

Comments of external evaluators

First Evaluator Comments &Program Coordinator Response:

Reviewer Comment	Coordinator Response
The learning resources are limited.	The learning resources were revised.
Teaching and learning methods, student's assessment methods ,list of references … needs to be revised and are very limited.	Teaching and learning methods, student's assessment methods, and list of references were revised. All the references were revised; they are all available in the library of the Academy.

Second Evaluator Comments &Program Coordinator Response:

- No comments.

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

The department has a plan to increase the number of staff within the next 3 years to reach the ratio 1:25 for the staff to students, and the ratio of 1:15 for the staff assistants to students.

4. Progress of previous year's action plan

Action Identified	Person Responsible	Progress of action
Non		

5. Action plan

Action required	Person Responsible	Completion Date
Specialized training courses for all staff	Training Sector	September 2012
Complete the shortage in education facilities	Academic Administration	Academic year 2012-2013

Program Coordinator: Prof. Dr. Aiman Nour Afifi.

Signature:

Appendix 1

Annual Course Report

2010-2011

1st year Basic Science

	Code	Name
1	B101	English Language I
2	B111	Mathematics I
3	B121	Mechanics I
4	B131	Physics I
5	B141	Chemistry
6	E111	Introduction to Computer I
7	M150	Engineering Drawing & Projection I
8	M160	Production Engineering I
9	B102	English Language II
10	B112	Mathematics II
11	B122	Mechanics II
12	B132	Physics II
13	B142	Descriptive Geometry
14	E112	Introduction to Computer II
15	M151	Engineering Drawing & Projection II
16	M161	Production Engineering II

Annual Course Report
Academic year 2010-2011

A- Basic Information

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

B- Statistical Information

No. of students attending the course: **No.** 560 **%** 100
No. of students completing the course: **No.** 515
Results:

	No.	%
Passed	330	64.17
Failed	185	35.92

Grading of successful students:

	No.	%
Excellent	10	1.9
Very Good	29	5.6
Good	48	9.3
Pass	243	47.2

C- Professional Information
1 – Course teaching

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

Topics taught as a percentage of the content specified:

>90 % √ **70-90 %** - **<70%** 100%

Reasons in detail for not teaching any topic None

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

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board

Practical training/ laboratory: None

Seminar/Workshop: None

Class activity:

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

Case Study: None

Other assignments/homework: Bi-weekly assignments

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

None

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

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

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

Role of external evaluator None

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

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

List any inadequacies

None

5- Administrative constraints

List any difficulties encountered

- None

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

List any criticisms

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 2010 – 2011

Actions required	Completion date	Person responsible
None		

Course coordinator: Abdel-Hamid Mohammed El-Khoreby

Signature:
Date: August 2011

Annual Course Report
(Academic Year 2010-2011)

A- Basic Information

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

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

B- Statistical Information

No. of students attending the course: **No.560** **%** 100
No. of students completing the course: **No.505**
Results:

	No.	%
Passed	392	77.6
Failed	113	22.4

Grading of successful students:

	No.	%
Excellent	29	5.7
Very Good	40	7.9
Good	40	7.9
Pass	283	56

C- Professional Information

1 – Course teaching

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

Topics taught as a percentage of the content specified:
>90 % 100 **70-90 %** ☐ **<70%** ….
Reasons in detail for not teaching any topic None
If any topics were taught which are not specified, give reasons in detail None

2- Teaching and learning methods:
Lectures: Classical lecturing using the white board and computer supported learning
Practical training/ laboratory:

Seminar/Workshop: None
Class activity:
Numerical exercises
Case Study: Selected case studies

Other assignments/homework: By-weekly assignments

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

3- Student assessment:

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

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

Role of external evaluator None

4- Facilities and teaching materials:

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

List any inadequacies
None

5- Administrative constraints
List any difficulties encountered
- Limitation of number of data show in the principal building

6- Student evaluation of the course:

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

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

- The allocation and distribution of marks and weighting
- Effectiveness of the overall assessments in measuring the achievement of the intended learning outcomes (ILOs).

8- Course enhancement:

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

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

9- Action plan for academic year 2010– 2011

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

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

Signature:

Date: August 2011

Annual Course Report
(Academic Year 2010-2011)

A- Basic Information

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

B- Statistical Information

No. of students attending the course: **No. 560 %** 100
No. of students completing the course: **No. 502**
Results:

	No.	%
Passed	271	54
Failed	231	46

Grading of successful students:

	No.	%
Excellent	13	2.6
Very Good	12	2.4
Good	27	5.4
Pass	219	43.6

1 – Course teaching

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

Topics taught as a percentage of the content specified:

>90 % 100 **70-90 %** ☐ **<70%** ….

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

2- Teaching and learning methods:

Lectures:
Practical training/ laboratory:

Seminar/Workshop:
Class activity:

Case Study:

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

3- Student assessment:

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

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

Role of external evaluator None

4- Facilities and teaching materials:

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

5- Administrative constraints

List any difficulties encountered

- New assistants needs more preparation

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

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

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

8- Course enhancement:

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

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

9- Action plan for academic year 2010– 2011

Actions required	**Completion date**	**Person responsible**
Preparation of the course by new assistants	Nov.2009	Prof. Dr. Mahmoud El-Maddah

Course coordinator: **Prof. Dr. Hassan Awad**
Signature:

Date: August 2011

Annual Course Report
Academic year 2010-2011

A- Basic Information

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

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

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

4- Unit hours

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

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

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

B- Statistical Information

No. of students attending the course: **No. 560** **% 100**

No. of students completing the course: **No. 511** **%**

Results:

	No.	%
Passed	423	82.8
Failed	88	17.2

Grading of successful students:

	No.	%
Excellent	32	6.3
Very Good	49	9.6
Good	91	17.8
Pass	251	49.1

C- Professional Information

1- Course teaching

Topic	Lecture hours	Tutorial hours	Practical hours
• Units and dimensions	*4*		*2*
• *Properties of matter*	*4*		*2*
• *Gravitation*	*4*		*2*
• *Gravitation, Heat and the First law of thermodynamics*	*4*		*2*
• *Heat and the First law of thermodynamics, The Kinetic theory of gases*	*4*		*2*
• *The Kinetic theory of gases, Entropy and the second law of thermodynamics*	*4*		*2*
• *Entropy and the second law of thermodynamics, Simple, Free damped, Forced Oscillations and circular motion*	*4*		*2*
• *Simple, damped, and Forced Oscillations*	*4*		*2*
• *Simple, damped, and Forced Oscillations Wave Motion,*	*4*		*2*
• *Wave Motion*	*4*		*2*
• *Transverse Mechanical Waves*	*4*		*2*
• Longitudinal Mechanical waves and sound waves	*4*		*2*
• *Longitudinal Mechanical Waves and Sound waves*	*4*		*2*
• *Longitudinal mechanical waves and sound waves*	*4*		*2*
• *Ultrasonic Waves*	*4*		*2*
Total hours	**60**		**30**

Topics taught as a percentage of the content specified:

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

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

2- Teaching and learning methods:

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

Laboratory: Experimental measurements in Lab

Seminar/Workshop: None

Class activity: **YES**

Case Study: Selected case studies

Other assignments/homework: weekly assignments

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

3- Student assessment:

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

Members of examination committee Dr. M. El Tawab Kamal.
Dr. Abo El Yazeed Badawy Abo El Yazeed.

Role of external evaluator None

4- Facilities and teaching materials:

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

List any inadequacies : None

5- Administrative constraints

List any difficulties encountered

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

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

7- Comments from external evaluator(s):

External evaluator:

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

State the involvement of the external evaluator in:

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

8- Course enhancement:

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

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

9- Action plan for academic year 2010 – 2011

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

Course coordinator: Prof. Dr M. El Tawab Kamal

Signature:

Date: August 2011

Annual Course Report
(Academic Year 2010-2011)

A- Basic Information

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

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

B- Statistical Information

No. of students attending the course: **No.** **560** **%** 100

No. of students completing the course: **No.** **512**

Results:

	No.	%
Passed	414	80.9
Failed	98	19.1

Grading of successful students:

	No.	%
Excellent	32	6.3
Very Good	43	8.4
Good	60	11.7
Pass	279	54.5

C- Professional Information

1 – Course teaching

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

Topics taught as a percentage of the content specified:

>90 % 100 **70-90 %** ☐ **<70%** ….

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

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

2- Teaching and learning methods:

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

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

Seminar/Workshop: None

Class activity:
Numerical exercises;

Case Study: Selected case studies

Other assignments/homework: Bi-weekly assignments

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

3- Student assessment:

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

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

Role of external evaluator None

4- Facilities and teaching materials:

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

5- Administrative constraints

List any difficulties encountered

None

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

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

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

8- Course enhancement:

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

9- Action plan for academic year 2010– 2011

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

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

Date: August 2011

Annual Course Report
(Academic Year 2010-2011)

A- Basic Information

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

B- Statistical Information

No. of students attending the course: **No.** 560 **%** 100
No. of students completing the course: **No.** 519 **%** 92.7
Results:

	No.	%
Passed	456	88
Failed	63	12

Grading of successful students:

	No.	%
Excellent	35	6.7
Very Good	51	9.8
Good	94	18.1
Pass	276	53.2

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Historical overview	2	Prof. Dr. Said Gawish
• Mathematical topics	8	
• Transfer functions, definition and case studies	10	
• Block diagrams; conventions, block diagram algebra and reduction of block diagrams.	4	
• Signal flow graphs; definition, conventions and Mason's formula	2	Prof.Dr Said Gawish
• Time domain analysis		
• Transient response of proportional, integrating and first order elements.	4	
• Transient response of second order elements. Effect of location of roots of characteristic equation on the transient response	10	
• System identification based of the transient response.	21	
• Frequency response		
• Frequency response; Polar plot and Bode plots.	6	
• System identification based of the transient and frequency responses.	4	
• Accuracy of feedback systems; steady state error.	4	
• Stability of feedback systems; Routh-Herwitz and Nyquest stability criteria.	5	
• Root locus analysis	2	
• Compensation of control systems	4	
• Text editing	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 Shortage of time

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

2- Teaching and learning methods:

Lectures: Using white board and computer

Practical training/ laboratory: Computer labs

Seminar/Workshop: None

Class activity:
Numerical exercises, computer applications

Case Study: None

Other assignments/homework: 2 Homework

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

3- Student assessment:

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

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

Role of external evaluator None

4- Facilities and teaching materials:

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

List any inadequacies

5- Administrative constraints

List any difficulties encountered

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

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

List any criticisms

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

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

None **-**

8- Course enhancement:

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

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

9- Action plan for academic year 2011 – 2012

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

Course coordinator: Prof. Dr Said A.Gawish

Signature:
Date:

Annual Course Report
Academic year 2010-2011

A-Basic Information

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

B-Statistical Information

No. of students attending the course: **No.** 560 **%** 100
No. of students completing the course: **No.** 514 **%** 91.8

Results:

	No.	%
Passed	395	76.9
Failed	119	23.1

Grading of successful students:

	No.	%
Excellent	17	3.3
Very Good	38	7.4
Good	46	8.9
Pass	294	57.3

C-Professional Information

1- **Course teaching**

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

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

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

2- Teaching and learing methods:

Lectures: Using OHP Black board /White board

Practical training /laboratory:

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

Class activity:

Case Study: Selected cases

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

3-Student assessment:

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

Members of examination committee Prof. Dr. Mamdouh Saber

Role of external evaluator

4-Facilities and teaching materials:

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

5-Administrative constraints

List any difficulties encountered

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

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

List any criticisms

None

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

8-Course enhancement:

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

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

9-Action plan for academic year 2011 – 2012

Actions required	Completion data	Person Responsible
None		

Course coordinator: Prof . Dr. Mamdouh Saber
Signature:

Date: **August 2011**

Annual Course Report
(Academic Year 2010-2011)

A- Basic Information

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

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

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

4- Unit hours

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

Total 5 hrs

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

Course coordinator: Prof. Dr. M. Merdan

External evaluator: None

B- Statistical Information

- **No. of students attending the course:** **560** **100%**
- **No. of students completing the course:** **512** 91.4%
- **Results:**

	No.	%
Passed	441	86
Failed	71	14

Grading of successful students:

	No.	%
Excellent	21	4.1
Very Good	39	7.6
Good	92	18
Pass	289	56.4

C- Professional Information

1 – Course teaching

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

Topic	Lecture hours	Tutorial hours	Practical Hours
Lecture Part: Every other week	**14**	**12**	**44**
Role of production engineer, production system, and types of industries.	2		
Classification and properties of Engineering materials	2		
Mechanical testing of engineering materials; tensile, impact tests, hardness, and fatigue tests.	5	4	4
Manufacturing processes classification. Casting processes; definition, advantages, and types. Sand casting process; different elements, advantages and limitations, types and properties of sand, and procedure of sand casting. Pattern design; allowances, sand moulding, and gating system. Die casting (gravity and pressure types), Centrifugal casting (horizontal and vertical axis), and investment casting.	5		
Practical Part:			
Casting Shop			4
Locksmith shop			4
Measurement and Ex Shop			4
Welding shop			4
Turning shop			4
Drilling and shaping shop			4
Milling shop			4
Grinding shop			4
Wood working shop			4
Sheet metal shop			4
Forging shop			4
Practical Exams		8	
Total	**14**	**12**	**44**

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

  >90 % 100 **70-90 %** ☐ **<70%** ….

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

2- Teaching and learning methods:

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

3- Student assessment:

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

Members of examination committee Prof. Dr. M. Merdan and Prof. Dr. A. Kohail
Role of external evaluator None

4- Facilities and teaching materials:

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

5- Administrative constraints

List any difficulties encountered None

6- Student evaluation of the course:

List any criticisms	Response of course team
None	None

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

8- Course enhancement:

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

9- Action plan for academic year 2011-2012

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

Course coordinator: Prof. Dr. M. Merdan

Signature:
Date: August 2011

Annual Course Report
(Academic Year 2010-2011)

A- Basic Information

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

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

B- Statistical Information

No. of students attending the course: **No.** 560 **%** 100

No. of students completing the course: **No.** 491

Results:

	No.	%
Passed	467	95.11
Failed	24	4.89

Grading of successful students:

	No.	%
Excellent	84	17.1
Very Good	66	13.4
Good	82	16.7
Pass	235	47.9

C- Professional Information

1 – Course teaching

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

Topics taught as a percentage of the content specified:

>90 % √ **70-90 %** - **<70%** 100%

Reasons in detail for not teaching any topic None

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

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board

Practical training/ laboratory: None

Seminar/Workshop: None

Class activity:

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

Case Study: None

Other assignments/homework: Bi-weekly assignments

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

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

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

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

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

Totally adequate **.Yes.**

Adequate to some extent ……

Inadequate ……

List any inadequacies
None

5- Administrative constraints

List any difficulties encountered

- None

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

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

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

8- Course enhancement:

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

9- Action plan for academic year 2010 – 2011

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

Course coordinator: Abdel-Hamid Mohammed El-Khoreby

Signature:

Date: August 2011

Annual Course Report
(Academic Year 2010-2011)

A- Basic Information

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

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

B- Statistical Information

No. of students attending the course: **No. 560 %** 100

No. of students completing the course: **No. 488**

Results:

	No.	%
Passed	252	51.6
Failed	236	84.4

Grading of successful students:

	No.	%
Excellent	12	2.5
Very Good	8	1.6
Good	33	6.8
Pass	199	40.8

C- Professional Information

1 – Course teaching

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

Topics taught as a percentage of the content specified:

>90 % 100 **70-90 %** ☐ **<70%** ….

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

2- Teaching and learning methods:

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

Practical training/ laboratory:

Seminar/Workshop: None

Class activity:
Numerical exercises

Case Study: Selected case studies

Other assignments/homework: By-weekly assignments

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

3- Student assessment:

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

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

Role of external evaluator None

4- Facilities and teaching materials:

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

List any inadequacies
None

5- Administrative constraints
List any difficulties encountered

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

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

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

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

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

8- Course enhancement:

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

9- Action plan for academic year 2010 – 2011

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

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

Signature:
Date: August 2011

Annual Course Report
(Academic Year 2010-2011)

A- Basic Information

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

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

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

: Prof. Dr. Hassan Awad

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

B- Statistical Information

No. of students attending the course: **No.** **560** **% 100**
No. of students completing the course: **No.** **490** **%**
Results:

	No.	%
Passed	302	61.6
Failed	188	38.4

Grading of successful students:

	No.	%
Excellent	1	0.2
Very Good	8	1.6
Good	16	3.3
Pass	277	56.5

C- Professional Information

1 – Course teaching

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

Topics taught as a percentage of the content specified:

>90 % 100 **70-90 %** ☐ **<70%** ….

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

2- Teaching and learning methods:

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

Practical training/ laboratory: None

Seminar/Workshop: None

Class activity:
Numerical exercises; solution of problems .

Case Study: Selected case studies

Other assignments/homework: Bi-weekly assignments

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

3- Student assessment:

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

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

Role of external evaluator None

4- Facilities and teaching materials:

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

5- Administrative constraints

List any difficulties encountered

- New assistants needs more preparation

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

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

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

8- Course enhancement:
Progress on actions identified in the previous year's action plan: None
Action State whether or not completed and give reasons for any none-completion None
9- Action plan for academic year 2010 – 2011

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

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

Date: August 2011

Annual Course Report
Academic year 2010-2011

A- Basic Information

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

5- Names of lecturers contributing to the delivery of the course
Prof.. Dr. Mohamed El Twab Kamal
Prof. Dr. Abo El Yazeed B. Abo El Yazeed
Course coordinator Prof.. Dr. Mohamed El Twab Kamal
External evaluator : None

B- Statistical Information

No. of students attending the course: **No.** **560** **%** 100
No. of students completing the course: **No.** **492** **%**

Results:

	No.	%
Passed	417	84.8
Failed	75	15.2

Grading of successful students:

	No.	%
Excellent	26	5.3
Very Good	32	6.5
Good	109	22.2
Pass	250	50.8

1 – Course teaching

Topic	Lecture hours	Lecture
• **Charge and Matter, The Electric Field, Gauss' law**	*4*	Prof. Dr. M. El Tawab
• *Gauss's law, Electric Potential*	*4*	
• *Gauss's law applications*	*4*	
• *Capacitors and Dielectric*	*4*	
• *Current and Resistance, Electromotive force and Circuits*	*4*	
• *The Magnetic Field, Ampere's Law*	*4*	
• *Ampere's law, Inductance*	*4*	
• *Magnetic Properties of matter*	*4*	
• *Magnetic Properties of matter, Electromagnetic Waves*	*4*	
• *Electromagnetic Waves*	*4*	
• *Electromagnetic Waves, Physical Optics, Polarization of light*	*4*	
• *Polarization of light*	*4*	
• *Interference of light*	*4*	
• *Interference of light, Diffraction of ligh*	*4*	
• *Diffraction of light, Some applications*	*4*	
Total hours	**60**	

Topics taught as a percentage of the content specified:

>90 % √ **70-90 %** -- **<70%** ….

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

2- Teaching and learning methods:

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

laboratory: Experimental measurements in Lab

Seminar/Workshop: None

Class activity: **Yes**

Case Study: Take Home Exam

Other assignments/homework: weekly assignments

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

3- Student assessment:

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

Members of examination committee **Permanent staff of Physic and Assistants**

Role of external evaluator None

4- Facilities and teaching materials:

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

5- Administrative constraints

List any difficulties encountered

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

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

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

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

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

9- Action plan for academic year 2010-2011

Actions required	**Completion date**	**Person responsible**
1. Provide more data show apparatuses	Nov.2011	Prof. Dr M. El Tawab Kamal
2. Put more experiments in function in the lab.		

Course coordinator: Prof. Dr M. El Tawab Kamal
Signature:

Date: August 2011

Annual Course Report
(Academic Year 2010-2011)

A- Basic Information

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

B- Statistical Information

No. of students attending the course: **No.** 560 **%** 100

No. of students completing the course: **No.** 489 **%** 87.3

Results:

	No.	%
Passed	411	84
Failed	78	16

Grading of successful students:

	No.	%
Excellent	30	6.1
Very Good	38	7.8
Good	55	11.2
Pass	288	58.9

C- Professional Information

1 – Course teaching

Topic Actually taught	Lecture hours	Practical hours	Lecturer
• Computer languages (HLL, LLL)	2		Prof. Dr. Said Gawish Prof.Dr Said Gawish
• Compilers	2		
• Operating system (types and functions)	6		
• Application software (Word Processing)	6	4	
• Application software (Spread Sheets)	4	6	
• Application software (Files and Databases)	2	6	
• Practical applications in Windows	4		
• Writing programs in HLL	4	10	
Total hours	30	26	

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic Shortage of time

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

2- Teaching and learning methods:

Lectures: Using white board and computer

Practical training/ laboratory: Computer labs

Seminar/Workshop: None

Class activity:
Numerical exercises, computer applications

Case Study: None

Other assignments/homework: 2 Homework

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

3- Student assessment:

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

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

Role of external evaluator None

4- Facilities and teaching materials:

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

List any inadequacies

5- Administrative constraints

List any difficulties encountered

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

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

List any criticisms

1. The theoretical part is to much
2. Some computer language must be tough

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

None

8- Course enhancement:

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

9- Action plan for academic year 200X – 200Y

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

Course coordinator: Prof. Dr Said A.Gawish

Signature:

Date:

Annual Course Report
(Academic Year 2010-2011)

A- Basic Information

1- **Title and code:** M151: Engineering Drawing & Projection II
Program(s) on which this course is given: General
2- **Year /Level of program :** 1st year 2nd semester
3- **Unit hours** Lectures 1 hrs **Tutorial** 4 hrs **Practical** — **Total** 5 hrs
4- **Name of lecturers contributing to the delivery of the Course**
Prof. Dr. Mamdouh Saber Elsayed
Course coordinator Prof. Dr. Mamdouh Saber Elsayed
External evaluator

B-Statistical Information

No. of students attending the course:	**No.** 560	**%** 100
No. of students completing the course:	**No.** 484	**%** 86.4

Results:

	No.	%
Passed	392	81
Failed	92	19

Grading of successful students:

	No.	%
Excellent	31	6.4
Very Good	26	5.4
Good	78	16.1
Pass	257	53.1

C-Professional Information

2- Course teaching

Topic Actually taught	No. of hours	Lecturer
Importance of drawing sections	8	Prof. Dr. Mamdouh Saber Elsayed
Basic types of section ; Full section ; Imgitidinal ;Cross sections	8	
Off –set ;aligned sections	16	
Half –Section ;Partial ;Revolved &Removed ; Auxiliary sections	8	
Dimensioning –Arrangement ;Rules for dimensioning	8	
Conventional practice in ED	8	
Drawing of steel sections	8	
Steel Constructions	8	
Revision Problems	3	
Total hours	75	

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

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

2- Teaching and learing methods:

Lectures: Using OHP Black board /White board

Practical training /laboratory:

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

Class activity:

Case Study: Selected cases
Other assignments / homework: Weekly
If teaching and learing methods were used other than those specified, list and give reasons: Non

3-Student assessment:

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

4-Facilities and teaching materials:

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

5-Administrative constraints

List any difficulties encountered

3 Limitation of number of data show in the principal building

4 Limitation of number of operating experiments in the laboratory

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

List any criticisms

None

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

None

8-Course enhancement:

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

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

9-Action plan for academic year 2011 – 2012

Actions required	Completion data	Person Responsible
None		

Course coordinator: Prof . Dr. Mamdouh Saber

Signature:

Date: August 2011

Annual Course Report
(Academic Year 2010-2011)

A- Basic Information

1- Title and code: *M161: Production Engineering (2)*
2- Program(s) on which this course is given: General
3- Year/Level of program: 1st year / 1st term
4- Unit hours

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

Total 5hrs

5- Names of lecturers contributing to the delivery of the course:
Prof. Dr. M. Merdan
Prof. Dr. A. Kohail
Course coordinator: Prof. Dr. M. Merdan
External evaluator: None

B- Statistical Information

- **No. of students attending the course:** 560 100%
- **No. of students completing the course:** 492 88%
- **Results:**

	No.	%
Passed	428	87
Failed	64	13

Grading of successful students:

	No.	%
Excellent	34	6.9
Very Good	42	8.5
Good	86	17.5
Pass	266	54.1

C- Professional Information

1 – Course teaching

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

Topic	Lecture hours	Tutorial hours	Practical Hours
Lecture Part: Every other week	**14**	**16**	**40**
Metal forming processes; Hot and Cold Forming; Forging, Rolling, Extrusion, and Drawing processes	3		
Machining Processes; Traditional and None-traditional.	1		
Turning Process; Basic concepts, main and secondary motions, machine tools used, cutting tools types and clamping, workpiece clamping and different turning operations performed, attainable accuracy and surface finish.	4		
Basic concepts of Drilling, Boring,. Production of accurate holes.	2		
Basic concepts of Shaping, and Milling processes	1		
Basic concepts of surface and cylindrical grindings	1		
Introduction into quality management and quality control	2	4	
Practical Part: Revision on the basic concepts, solution of some selective associated questions in turn of each shop. Beside, the student is applying the gained knowledge in carrying out a specially designed product in each one of these shops			
Casting Shop			4
Locksmith shop			4
Measurement and Ex. shop			4
Welding shop			4
Turning shop			4
Drilling and shaping shop			4
Milling shop			4
Grinding shop			4
Wood working shop			4
Sheet metal shop			4
Forging shop			4
Break-Even analysis and calculation of machining time		4	
Practical Exams		8	
Total	**14**	**16**	**40**

- **Topics taught as a percentage of the content specified:**
  >90 % 100 **70-90 %** ☐ **<70%** ….
- **Reasons in detail for not teaching any topic**
- **If any topics were taught which are not specified, give reasons in detail**

2- Teaching and learning methods:

- **Lectures:** Classical lecturing using the white board
- **Practical training/ laboratory:** None
- **Seminar/Workshop:** Workshop
- **Class activity:**
  Solution of problems of Break-even analysis and Calculation of machining time
- **Case Study:** None
- **Other assignments/homework:** One assignment report at the 12th week

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

3- Student assessment:

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

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

Role of external evaluator None

4- Facilities and teaching materials:

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

5- Administrative constraints

List any difficulties encountered None

6- Student evaluation of the course:

List any criticisms	**Response of course team**
None	None

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

8- Course enhancement:

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

9- Action plan for academic year 2011 – 2012

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

Course coordinator: Prof. Dr. M. Merdan
Signature:

Date: August 2011

2nd year Architecture

	Code	Course
1	B252	Mathematics VII
2	A211	Architectural design(1-a)
	A212	Architectural design(1-b)
3	A221	History and Theory of Arch. (1-a)
4	A222	History &Theory of Arch. (1-b)
5	A231	Building construction(1-a)
	A232	Building construction(1-b)
6	A241	Sciagraphy and perspective
7	A242	Properties & Strength of material
8	A251	Visual training (1)
9	A261	Theory of structures (a)
10	A262	Theory of structures (b)
11	A271	Surveying
12	A281	Computer Applications (Cad)-a
	A282	Computer Applications (Cad)-b
13	A291	Building technology-a
	A292	Building technology-b

Annual Course Report

Academic year 2010-2011

A- Basic Information

1- Title and code: B252 Mathematics VII

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

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

4- Unit hours

Lectures 2hrs Tutorial 1 hrs Practical - hr Total 3 hrs

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

Prof. Dr. Osama El Giar

Course coordinator: Prof. Dr. Osama El Giar

External evaluator: -

B- Statistical Information

No. of students attending the course: **No.** 557 **%** 100

No. of students completing the course: **No.** 525 **%** 94.0

Results:

	No.	%
Passed	502	92.7
Failed	38	7.3

Grading of successful students:

	No.	%
Excellent	112	21.3
Very Good	82	15.6
Good	79	15
Pass	214	40.8

C- Professional Information

1 – Course teaching

Topic	No. of hours	Lecturer
• Probability theorem	2	Prof. Dr. Osama El Giar
• Conditional probability.	2	
• Product rule & Bay's theorem.	2	
• Independent events.	2	
• Random variables.	2	
• Discrete distributions.	2	
• Poisson's distribution	2	
• continuous distribution - normal distribution	2	
• statistics sampling	2	
• Classical distribution.	2	
• Standard deviation, variance.	2	
• Standard deviation of grouped data.	2	
• linear regression analysis	2	
• Correlation coefficients.	2	
• final revision	2	
Total hours	**30**	

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic None

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

2- Teaching and learning methods:

Lectures: lecturing using the White board

Practical training/ laboratory

Site Visits

Seminar/Workshop:

Weekly

Class activity:

Exercises, Quizzes

Case Study: None

Other assignments/homework: Bi-weekly assignments

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

3- Student assessment:

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

Members of examination committee: Prof. Dr. Osama El Giar

Role of external evaluator None

4- Facilities and teaching materials:

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

Course coordinator: Prof. Dr. Osama El Giar

Signature:

Date: **August 2011**

Annual Course Report

Academic year 2010-2011

A- Basic Information

1- Title and code :(A211 - A212) Architectural Design – (1-a, 1-b)

2- Program(s) on which this course is given: Architecture Engineering and Building Technology

3- Year/Level of program: second Year,1st , 2nd Semesters

4- Unit hours

Lectures 6 hrs Tutorial - hrs Practical - hr Total 6 hrs

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

Prof. Dr. Ebraheem Gouda - Prof. Dr.Eman Afifi

Course coordinator: Prof. Dr. Ebraheem Gouda

External evaluator:

B- Statistical Information

No. of students attending the course: **No.** 557 **%** 100

No. of students completing the course: **No.** 524 **%** 94.0

Results:

	No.	%
Passed	513	98
Failed	11	2

Grading of successful students:

	No.	%
Excellent	52	9.9
Very Good	103	19.7
Good	137	26.1
Pass	221	42.3

C- Professional Information

1 – Course teaching

1st Semester

Topic Actually taught	No. of hours	Lecturer
• First Project : Dream House :Analysis of program elements	6	Prof. Dr. Ebraheem Gouda - Prof. Dr.Eman Afifi
• Research on residential buildings	6	
• Zoning (bubble diagram – matrix of function)	6	
• 3d modeling (masses + site)	6	
• Concept development till final approval	6	
• Drawing layout by using glass box	6	
• Drawing 4 elevations by using glass box	6	
• Drawing final layout (to scale)	6	
• Drawing Ground floor plan	6	
• Final plans	6	
• Final elevations	6	
• Drawing 2 sections	6	
• Final sections	6	
• Drawing final skis (pre-complete project)	6	
• Representing final project & Jury	6	
Total hours	90	

2nd Semester

Topic Actually taught	No. of hours	Lecturer
• Choosing one project from 5 general projects	6	Prof. Dr. Ebraheem Gouda - Prof. Dr.Eman Afifi
• Analysis of program elements	6	
• Research on the chosen project	6	
• Zoning (bubble diagram , matrix of functions	6	
• 3D modeling (masses , site) , skis	6	
• Concept development , skis	12	
• Final plans	6	
• Final sections	6	
• Final elevations	6	
• 3D perspectives	6	
• Final skis	6	
• Development project till final approval	6	
• Representing project by digital media or manual method	6	
• Representing final project , jury	6	
• **Total hours**	90	

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic None

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

2- Teaching and learning methods:

Lectures: lecturing using the White board and Data Show

Practical training/ laboratory

Site Visits

Seminar/Workshop:

Weekly

Class activity:

Drawing Exercises, sketches Quizes, study models

Case Study: None

Other assignments/homework: Bi-weekly assignments

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

3- Student assessment:

Method of assessment	**Percentage of total**
Final examination	40 %
Practical/laboratory work	-----
Other assignments/class work	20%
Other assignments/researches	20%
Mid-Term Exam	20%
Total	**100 %**

Members of examination committee: Prof. Dr. Ebraheem Gouda - Prof. Dr.Eman Afifi

Role of external evaluator None

4- Facilities and teaching materials:

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

Course coordinator: Prof. Dr. Ebraheem Gouda

Signature:

Date: **August 2011**

Annual Course Report

Academic year 2010-2011

A- Basic Information

1- Title and code :(A221) History and Theories of Architecture (1-a)

2- Program(s) on which this course is given: Architecture Engineering and Building Technology

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

4- Unit hours

Lectures 4 hrs Tutorial - hrs Practical - hr Total 4 hrs

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

Dr. Anaheed Maher Waked

Course coordinator: Dr. Anaheed Maher Waked

External evaluator

B- Statistical Information

No. of students attending the course: **No.**557 **%** 100

No. of students completing the course: **No.** 533 **%** 95.7

Results:

	No.	%
Passed	497	93.3
Failed	36	6.7

Grading of successful students:

	No.	%
Excellent	70	13.2
Very Good	94	17.6
Good	122	22.9
Pass	211	39.6

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• -Introduction : about history of architecture Prehistoric architecture: Ancient Egyptian	4	. Dr. Anaheed Maher Waked
• Ancient Egyptian	12	
• The Hellenistic Architecture	4	
• Greek Architecture	8	
• Seminars	4	
• The Roman Architecture	8	
• Seminars	8	
• Researches Discussion	4	
• Revision	4	
Total	**60**	

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic None

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

2- Teaching and learning methods:

Lectures: Classical lecturing using Data show- seminars

Practical training/ laboratory: Field Visits

Seminar/Workshop: Seminars were arranged by the students: To Represent the Researches

Class activity:

Drawing Exercises- sketches- Quizzes-researches

Case Study: Selected case studies

Other assignments/homework: Bi-weekly assignments

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

3- Student assessment:

Method of assessment	Percentage of total
Final examination	70 %
Practical/laboratory work	-----
Other assignments/class work	10 %
Other assignments/researches	10 %
Mid-Term Exam	10 %
Total	100 %

Members of examination committee Dr. Anaheed Maher Waked

Role of external evaluator None

4- Facilities and teaching materials:

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

5- Administrative constraints

List any difficulties encountered

None

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

List any criticisms

None

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

None

8- Course enhancement:

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

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

9- Action plan for academic year 2011 – 2012

Actions required	Completion date	Person responsible
None		

Course coordinator: Dr .Anaheed Maher Waked

Signature:

Date: August, 2011

Annual Course Report

Academic year 2010-2011

A- Basic Information

1- Title and code :(A222) History and Theories of Architecture (1-b)

2- Program(s) on which this course is given: Architecture Engineering and Building Technology

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

4- Unit hours

Lectures 4 hrs Tutorial - hrs Practical - hr Total 4 hrs

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

Dr. Anaheed Maher Waked

Course coordinator: Dr. Anaheed Maher Waked

External evaluator: -

B- Statistical Information

No. of students attending the course: **No.**557 **%** 100

No. of students completing the course: **No.** 522 **%** 90.5

Results:

	No.	%
Passed	297	84.3
Failed	82	15.7

Grading of successful students:

	No.	%
Excellent	56	10.7
Very Good	74	14.2
Good	88	16.9
Pass	222	42.5

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• -Introduction : about history of architecture Prehistoric architecture: Ancient Egyptian	4	. Dr. Anaheed Maher Waked
• Ancient Egyptian	12	
• The Hellenistic Architecture	4	
• Greek Architecture	8	
• Seminars	4	
• The Roman Architecture	8	
• Seminars	8	
• Researches Discussion	4	
• Revision	4	
Total	**60**	

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic None

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

2- Teaching and learning methods:

Lectures: Classical lecturing using Data show- seminars

Practical training/ laboratory: Field Visits

Seminar/Workshop: Seminars were arranged by the students: To Represent the Researches

Class activity:

Drawing Exercises- sketches- Quizzes-Seminars

Case Study: Selected case studies

Other assignments/homework: Bi-weekly assignments

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

3- Student assessment:

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

Members of examination committee Dr. Anaheed Maher Waked

Role of external evaluator None

4- Facilities and teaching materials:

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

5- Administrative constraints

List any difficulties encountered

None

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

List any criticisms

None

7- Comments

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

None

8- Course enhancement:

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

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

9- Action plan for academic year 2011 – 2012

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

Course coordinator: Dr .Anaheed Maher Waked

Signature:

Date: August2011

Annual Course Report

Academic year 2010-2011

A- Basic Information

1- Title and code :(A 231- A232) Architecture Construction- (1) –a & b

2- Program(s) on which this course is given: Architecture Engineering and Building Technology

3- Year/Level of program: 2nd year

4- Unit hours

Lectures 2 hrs Tutorial 2 hrs Practical - Total 4 hrs

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

Dr. Anaheed Maher, Prof. Dr. Ibrahim Gouda

Course coordinator Dr. Anaheed Maher

External evaluator

B- Statistical Information

No. of students attending the course: **No.** 557 **%** 100

No. of students completing the course: **No.** 521 **%** 93.5

Results:

	No.	%
Passed	497	95.4
Failed	24	4.6

Grading of successful students:

	No.	%
Excellent	109	20.9
Very Good	105	20.2
Good	97	18.6
Pass	186	35.7

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Introduction & Elements of Building.	4	Dr. Anaheed Maher, Prof. Dr. Ibrahim Gouda
• Sequence of Building Construction.	4	
• Construction Systems: Bearing walls.	8	
• Construction Systems: Skeleton Construction.	8	
• Foundations: Surface foundations.	4	
• Foundations: Deep foundations.	4	
• Brick walls: Types of brick & mortar	4	
• Brick wall bonding: English Bond & Flemish Bond.	4	
• Masonry walls: Classifications of stones – walling philosophy.	8	
• Masonry walls: Sills – Cornices – Copings.	4	
• Roof Structures: Linear structural elements – Surface resistant.	4	
• R.C. floors &steel floors: Sections and details.	4	
• Wooden roofs: Sections and details.	4	
• Settlement & expansion joints.	8	
• Insulation members: Sections-details.	8	
• Retaining walls: Uses-types.	4	
• Stairs: Components.	4	
• Stairs: Design.	4	
• Project: How to draft a working plan sheet.	4	
• Project: How to write information in a working plan sheet.	4	
• Project: How to draft a working section sheet.	4	
• Project: How to write information in a working section sheet.	4	
• Project: How to draft a working elevation sheet.	4	
• Project: How to write information in a working elevation sheet.	4	
• Presentation: How to present and discus a working project.	4	
Total	**120**	

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic None

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

None, all of the missed teaching hours were substituted, in addition to the seminars arranged during the students' free day.

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and overhead projector

Practical training/ laboratory:

Seminar/Workshop:

Two Seminars were arranged by the students:

- Field studies in Architecture Construction
- Construction Systems

Class activity:

Drawing sheets, Freehand sketches

Researches: Field study research, Library research

Other assignments/homework: Drawing sheets

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
Final examination	40 %
Oral examination	5 %
Drawing sheets	40 %
Researches	5 %
Mid-Term Exam	10 %
Total	100 %

Members of examination committee Dr. Anaheed Maher, Prof. Dr. Ibrahim Gouda

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**

None

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

None

8- Course enhancement:

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

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

9- Action plan for academic year 2011 – 2012

Actions required	Completion date	Person responsible
None		

Course coordinator: Dr.Anaheed Maher

Signature:

Date: August 2011

Annual Course Report

Academic year 2010-2011

A- Basic Information

1- Title and code :(*A241) Sciagraphy and Perspective*

2- Program(s) on which this course is given: Architecture Engineering and Building Technology

3- Year/Level of program: 2nd year Arch. Eng., 2nd semester

4- Unit hours

Lectures 3hrs Tutorial 2 hrs Practical - Total 5 hrs

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

Dr. Mona El.Basyoni

Course coordinator: Dr. Mona El.Basyoni

External evaluator: -

B- Statistical Information

No. of students attending the course: **No.** 557 100%

No. of students completing the course: **No.** 520 93.4%

Results:

	No.	%
Passed	504	97%
Failed	16	3%

Grading of successful students:

	No.	%
Excellent	148	28.5
Very Good	115	22.1
Good	101	19.5
Pass	140	26.9

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
Introduction to shades and shadows, Shade of points and lines.	5	Dr. Mona El.Basyoni
Shades of plains and surfaces	10	
Shades of circles	5	
Shades and shadows of objects and masses (prisms)	5	
Shades and shadows of objects and masses (cone and cylinder)	5	
Architectural applications	15	
One vanishing point perspective	5	
Interior perspective	5	
Two vanishing points perspective	10	
Applications on two vanishing points perspective	5	
Revision	5	
Total hours	**75**	

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic None

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

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board

Practical training: ----

Seminar/Workshop: -----

Class activity:

Drawing sheets

Case Study: -----

Other assignments/homework: Bi-weekly drawing sheets

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**
Final examination	40%
Assignments/class work	50%
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee Dr. Mona El. Basyoni

Role of external evaluator None

4- Facilities and teaching materials:

Totally adequate **Yes.**

Adequate to some extent .....

Inadequate .....

List any inadequacies: None

5- Administrative constraints

List any difficulties encountered

- None

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

List any criticisms

None -

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

None

8- Course enhancement:

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

Actions required	Planned Completion date	Accomplishment
None		

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

9- Action plan for academic year 2011 – 2012

Actions required	Completion date	Person responsible
None	None	-

Course coordinator: Dr. Mona El. Basyoni

Signature:

Date: August 2011

Annual Course Report

Academic Year 2010-2011

A- Basic Information

1- Title and code :(A242) Properties& Strength of Materials

2- Program(s) on which this course is given: Architecture Engineering and building Technology

3- Year/Level of program: Second Year, 1st semester

4- Unit hours

Lectures 2 hrs Tutorial 1hrs Practical --- Total 3 hrs

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

Dr. AdhamElalfy, eng. Mohamed Gobara

Course coordinator Dr. AdhamElalfy

External evaluator

B- Statistical Information

No. of students attending the course: **No.** 557 **%** 100

No. of students completing the course: **No.** 533 **%** 95.7

Results:

	No.	%
Passed	516	96.8
Failed	17	3.2

Grading of successful students:

	No.	%
Excellent	64	12
Very Good	108	20.2
Good	148	27.8
Pass	196	36.8

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
Standardization concepts.	3	
Standard Specifications & Codes.	3	
Technology and creative use of building materials.	3	
Concrete technology	3	
Influence of water upon building materials	3	
Gypsum. Lime. Timber. Stone.	3	
Building units and partitions.	3	
Constituents of reinforced concrete: aggregate, cement, water, and reinforcing steel.	3	
Constituents of reinforced concrete: aggregate, cement, water, and reinforcing steel.	3	
Testing mechanics.	3	
Strain gauges.	3	
Mechanical properties.	3	
Strength of materials under static loads: tension, compression, bending, and shear	3	
Quality control.	3	
Technical Inspection.	3	
Total hours	45	

Topics taught as a percentage of the content specified:

>90 % 100 **70-90 %** **<70%** ….

Reasons in detail for not teaching any topic None

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

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and data show

Practical training/ laboratory: None

Seminar/Workshop: ------

Class activity:

Exercises, quizzes

Researches: yes

Other assignments/homework: weekly assignments

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

3- Student assessment:

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

Members of examination committee Dr. AdhamElalfy

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	
here are insufficient solved examples in the text book	Examples in the text book is a sample, while the exercises given in the section is quietly adequate

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

None

8- Course enhancement:

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

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

9- Action plan for academic year 2011 – 2012

Actions required	Completion date	Person responsible
None	-	-

Course coordinator: Dr. Adham Elalfy
Signature:

Date: August 2011

Annual Course Report

Academic year 2010-2011

A- Basic Information

1- Title and code: A251 Visual Training (1)

2- Program(s) on which this course is given: Architecture Engineering and Building Technology

3- Year/Level of program: 2nd year Arch. Eng., 1st semester

4- Unit hours

Lectures ---- Tutorial 3 hrs Practical ---- Total 3 hrs

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

Dr. Mona El.Basyoni –Dr. Amira Mostafa.

Course coordinator: Dr. Mona El.Basyoni

External evaluator: -

B- Statistical Information

No. of students attending the course: **No.** 557 100%

No. of students completing the course: **No.** 531 95.3%

Results:

	No.	%
Passed	508	95.7%
Failed	23	4.3%

Grading of successful students:

	No.	%
Excellent	47	8.9
Very Good	90	16.9
Good	127	23.9
Pass	244	46.0

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
Thickness of lines using pencil.	3	
Texture of different materials using pencil	3	
Copying a drawing with different scale.	3	
Different techniques for sketching.	3	
Sketching 2D drawings.	6	
Presentation for different architectural drawings	3	
Techniques for sketching 3D drawings	6	
Rules for freehand perspective.	3	
Sketching 3D drawings from nature.	6	
Sketching 3D drawings from nature.	3	
Shade and shadows in 3D drawings	6	
Total hours	**45**	

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic None

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

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board

Practical training: Site visits for freehand sketching

Seminar/Workshop: Seminars for researches

Class activity:

Drawing 2d sheets&3d objects.

Case Study: 3D objects and buildings

Other assignments/homework: Bi-weekly drawing sheets

If teaching and learning methods were used other than those specified, list and give reasons:
site visits for free hand sketching

3- Student assessment:

Method of assessment	**Percentage of total**
Final examination	40%
Other assignments/class work	50%
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee Dr. Mona El. Basyoni , Dr. Amira Mostafa

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

- The drawing tables aren't suitable for freehand sketching

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

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

8- Course enhancement:

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

Actions required	**Planned Completion date**	**Accomplishment**
None	-	-

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

9- Action plan for academic year 2011 – 2012

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

Course coordinator: Dr. Mona El. Basyoni

Signature:

Date: August 2011

Annual Course Report

Academic Year 2010-2011

A- Basic Information

1- Title and code :(A261) Theory of Structures (1-a)

2- Program(s) on which this course is given: Architecture Engineering and building Technology

3- Year/Level of program: Second Year, 1st semester

4- Unit hours

Lectures 2 hrs Tutorial 1hrs Practical --- Total 3 hrs

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

Dr. Aiman Ezzat, eng. Mohamed Gobara

Course coordinator Dr. Aiman Ezzat

External evaluator

B- Statistical Information

No. of students attending the course: **No.** 557 100%

No. of students completing the course: **No.** 535 96%

Results:

	No.	%
Passed	398	74.4
Failed	137	25.6

Grading of successful students:

	No.	%
Excellent	26	4.9
Very Good	38	7.1
Good	52	9.7
Pass	282	52.7

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Beams	9	
• Frames	10	
• Mid Term Exam	2	
• Trusses	15	
• Arches	9	
Total hours	45	

Topics taught as a percentage of the content specified:

>90 % 100 **70-90 %** **<70%** ….

Reasons in detail for not teaching any topic None

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

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and data show

Practical training/ laboratory: None

Seminar/Workshop: ------

Class activity:

Exercises, quizzes, problems.

Researches: -------

Other assignments/homework: weekly assignments

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

3- Student assessment:

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

Members of examination committee: Dr. Aiman Ezzat

Role of external evaluator None

4- Facilities and teaching materials:

Totally adequate yes

Adequate to some extent ----

Inadequate .....

List any inadequacies

None

5- Administrative constraints

List any difficulties encountered

None

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

List any criticisms

1. None

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

None

8- Course enhancement:

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

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

9- Action plan for academic year 2011 – 2012

Actions required	Completion date	Person responsible
None		

Course coordinator: Dr. Aiman Ezzat

Signature:

Date: August 2011

Annual Course Report

Academic year 2010-2011

A- Basic Information

1- Title and code :(A262) Theory of Structures (1-b)

2- Program(s) on which this course is given: Architecture Engineering and building Technology

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

4- Unit hours

Lectures 2 hrs Tutorial 1hrs Practical --- Total 3 hrs

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

Dr. Aiman Ezzateng. Mohamed Gobara,

Course coordinator Dr. Aiman Ezzat

External evaluator

B- Statistical Information

No. of students attending the course: **No.** 557 100%

No. of students completing the course: **No.** 522 93.7%

Results:

	No.	%
Passed	440	84.3
Failed	82	15.7

Grading of successful students:

	No.	%
Excellent	56	10.7
Very Good	74	14.2
Good	88	16.9
Pass	222	42.5

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
Properties of Sections	3	
Direct Stresses	3	
Normal Stresses	3	
Concentric Forces	3	
Single and Double Moments	3	
Analyses of statically undetermined structures	3	
Moment distribution	3	
Column buckling	3	
Spatial and none-planner structures	3	
Shear stresses	3	
Torsion stresses	3	
Resultant stresses	3	
Combined Stresses	3	
Combined Stresses	3	
Three Moment Equation	3	
Total hours	45	

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic None

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

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and data show

Practical training/ laboratory: none

Seminar/Workshop: ------

Class activity:

Exercises, quizzes, problems

Researches: ----

Other assignments/homework: weekly assignments

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

None

3- Student assessment:

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

Members of examination committee Dr. Aiman Ezzat

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	
Assistants solve the problems with different ways and this may cause bias	**Problems can be solved in different ways for simplicity to be acquired by all the students**

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

8- Course enhancement: None

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 2011 – 2012

Actions required	Completion date	Person responsible

Course coordinator: Dr. Aiman Ezzat

Signature:

Date: August 2011

Annual Course Report

Academic Year 2010-2011

A- Basic Information

1- Title and code :(A271) Surveying

2- Program(s) on which this course is given: Architecture Engineering and building Technology

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

4- Unit hours

Lectures 2 hrs Tutorial 1hrs Practical 1hrs Total 4 hrs

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

Dr. Adham El Alfyeng. Mohamed Gobara

Course coordinator Dr. Adham ElAlfy

External evaluator

B- Statistical Information

No. of students attending the course: **No.** 557 100%

No. of students completing the course: **No.** 527 94.6%

Results:

	No.	%
Passed	510	96.8
Failed	17	3.2

Grading of successful students:

	No.	%
Excellent	55	10.4
Very Good	102	19.4
Good	133	25.2
Pass	220	41.8

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
▪ Definition of surveying.	4	
▪ Types of measurements.	4	
▪ Measurement errors.	4	
▪ Linear measurements.	4	
▪ Taping.	4	
▪ Distance corrections.	4	
▪ Leveling.	4	
▪ Types of Levels.	4	
▪ Profile and cross-sectional leveling.	4	
▪ Area computations	4	
▪ Angle measurements and Theodolites	4	
▪ Traverse surveys and computations	4	
▪ Contour Maps	4	
▪ Cut and Fill	4	
▪ Topographic surveying	4	
Total hours	60	

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic : None

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

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and data show

Practical training/ laboratory:

Field surveys

Seminar/Workshop: ------

Class activity:

Exercises, quizzes, problems

Researches: ----

Other assignments/homework: weekly assignments

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

3- Student assessment:

Method of assessment	Percentage of total
Final examination	60 %
Oral examination	----
Practical/laboratory work	20%
Assignments/class work	10%
Mid-Term Exam	10 %
Total	100 %

Members of examination committee Dr. AdhamElAlfy

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	
what is the benefit of this study to arch students	survey is one of the most effective courses in the area of construction

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

None

8- Course enhancement:

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

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

9- Action plan for academic year 2011– 2012

Actions required	Completion date	Person responsible
None		

Course coordinator: Dr. Adham ElAlfy

Signature:

Date: August 2011

Annual Course Report

Academic year 2010-2011

A- Basic Information

1- Title and code: (A 281, A282) Computer Application (CAD)-a - (CAD)-b

2- Program(s) on which this course is given: Architecture Engineering and building Technology

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

4- Unit hours

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

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

Dr. Hosam Moftah

Course coordinator Dr. Hosam Moftah

External evaluator

B- Statistical Information

No. of students attending the course: **No.** 557 100 %

No. of students completing the course: **No.** 523 93.8 %

Results:

	No.	%
Passed	508	97.2
Failed	15	2.8

Grading of successful students:

	No.	%
Excellent	56	10.7
Very Good	126	24.1
Good	128	24.5
Pass	198	37.9

C- Professional Information

1 – Course Teaching

Topic Actually taught	No. of hours	Lecturer
• Controlling layer features	16	Dr. Hosam Moftah
• Dealing with texts	8	
• Dimension styles and commands,	8	
• Hatching	8	
• Creating blocks	16	
• Revision	8	
• External references	8	
• Printing	8	
• Dealing with images	8	
• Model and paper space	16	
• Exercise and projects	16	
Total hours	120	

Topics taught as a percentage of the content specified:

>90 % --- **70-90 %** --- **<70%** 50 %

Reasons in detail for not teaching any topic

That is because, half the hours are lectures, and the other half is tutorial or practical in the computer laps.

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

None

2- Teaching and learning methods:

Lectures:

Classical lecturing using the white board and computer supported learning, (net meeting system).

Practical training/ laboratory: yes

Seminar/Workshop: ------

Class activity:

Exercises via computer; tutorial sheets, projects from various places, the use of other courses' materials as exercises. Other activities; oral discussions & testes, quizzes, and reviewing of notebooks.

Researches: yes

Other assignments/homework: weekly assignments

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

None

3- Student assessment:

Method of assessment	Percentage of total	
Final examination	40 %	
Oral examination/class work/ homework	5 %	----
Project	10%	
Assignments/quizzes	25%	
Mid-Term Exam	20%	
Total	**100 %**	

Members of examination committee Dr. Hosam Moftah

Role of external evaluator None

4- Facilities and teaching materials:

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

List any inadequacies

Not enough computers are available to support all the numbers of the students; they are less by almost half the number. Beside this, the computers are in need of series updating, to support the programs

5- Administrative constraints

List any difficulties encountered

None

6- Student evaluation of the course:	**Response of course team**
List any criticisms	
(a) Not enough computers and spaces	It will be considered in the upgrading plan.
(b) Computers and their accessories do not work properly.	It will be considered in the upgrading plan.
(c) Final exam needs to be, either practical, or change its written ordinary form, to a more adequate one to the nature of the course, in the type of questions.	The ability to change the exam from the ordinary one to the MCQ type is considered.

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

None

8- Course enhancement:

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

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

None

9- Action plan for academic year 2011 – 2012

Actions required	Completion date	Person responsible
None		

Course coordinator: Dr. Hosam Moftah

Signature:

Date: August 2011

Annual Course Report

Academic Year 2010-2011

A- Basic Information

1- Title and code :(A292,A292) Building Technology a -b

2- Program(s) on which this course is given: Architecture Engineering and building Technology

3- Year/Level of program: Second Year, 1st , 2nd semesters

4- Unit hours

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

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

Dr. AsamerZakaria, eng.KhaledHesham

Course coordinator Dr. AsamerZakaria

External evaluator

B- Statistical Information

No. of students attending the course: **No.** 557 100%

No. of students completing the course: **No.** 534 95.8%

Results:

	No.	%
Passed	496	92.9
Failed	38	7.1

Grading of successful students:

	No.	%
Excellent	11	2.1
Very Good	39	7.3
Good	111	20.8
Pass	335	62.7

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Construction Methods	16	
• Applications & case studies	16	
• Mid Term Exam	4	
• Prefabrication industry & construction future in Egypt	24	
Total hours	60	

Topics taught as a percentage of the content specified:

>90 % 100 **70-90 %** **<70%** ….

Reasons in detail for not teaching any topic : None

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

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and data show

Practical training/ laboratory:

None

Seminar/Workshop: ------

Class activity:

exercises, , quizes, problems

Researches: 3

Other assignments/homework: weekly assignments

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

None

3- Student assessment:

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

Members of examination committee Dr. AsamerZakaria

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 criticism	
Visits and external tours are needed for more benefit	The actual content and number of lecturing hours are convenient now, considering the pre-determined graduate profile

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

None

8- Course enhancement:

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

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

9- Action plan for academic year 2011– 2012

	Actions required	Completion date	Person responsible
1.	None		

Course coordinator: Dr. AsamerZakaria

Signature:

Date: August 2011

3rd year Architecture

	Code	Course
1	A311	architectural design(2)-a
	A312	architectural design(2)-b
2	A321	Building Const. and Materials(2)- a
	A322	Building Const. and Materials(2)- b
3	A331	History& Theory of arch.(2-a)
4	A332	History& Theory of arch.(2-b)
5	A341	Reinf. concrete & Steel Const.(1)
6	A342	Reinf. concrete & Steel Const.(2)
7	A351	Environmental control
8	A352	visual training (2)
9	A361	Design Methodolgy
10	A362	Human Architecture Studies
11	A371	History & Theory of planning
12	A372	Computer Appl. (Comp.Graph)-b
	A381	Computer Appl. (Comp.Graph)-a
13	A382	Construction equipment-b
	A391	Construction equipment-a

Annual Course Report

Academic year 2010-2011

A- Basic Information

1- **Title and code:** A311 - : A312 Architectural Design (2) –a, b

2- Program(s) on which this course is given: Architectural Engineering and Building Technology Dpt.

3- Year/Level of program: Third Year

4- Unit hours

Lectures **6 hrs**

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

Dr. Mohamed Kandil

Course coordinator Dr. Mohamed Kandil

External evaluator

B- Statistical Information

No. of students attending the course: **No. 372 % 100**

No. of students completing the course: **No. 362 % 97.3**

Results:

	No.	%
Passed	358	98.9
Failed	4	1.1

Grading of successful students:

	No.	%
Excellent	13	3.6
Very Good	62	17.1
Good	101	27.9
Pass	182	50.3

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Lecturer
• 1st project : Central library		
• Library project + site analysis	6	
• Design criteria of library buildings	6	
• Bubble diagram + zoning of elements	6	
• Site model	6	
• Masses – model	6	
• Concept development	6	
• Drawing master plan	6	
• Solving design – problems in plan	6	
• Final plans	6	
• Drawing main sections	6	
• Drawing elevations	6	
• Formation development in elevations	6	
• Drawing 3d perspectives or isometric	6	
• Final site design	6	
• Final preservation of project + jury	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 None

If any topics were taught which are not specified, give reasons in detail None, all of the missed teaching hours were substituted, in addition to the seminars arranged during the students free day.

2- Teaching and learning methods:

Lectures: show

Seminar/Workshop:

Two Seminars were arranged by the students:

(a) Human Behaviors in public ,open spaces
(b) Community Participation

Class activity:

Lecture ,open seminar ,

Case Study: Selected case studies

Other assignments/homework: **each two week**

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	73%
Oral examination	----
Practical/laboratory work	------
Other assignments/class work	13 %
Mid-Term Exam	14 %
Total	100 %

Members of examination committee Dr. Mohamed Kandil

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

6- Student evaluation of the course:		**Response of course team**
	List any criticisms	
(a)	It is recommended to increase the teaching hours of this course	The teaching hours are determined by the curriculum approved by the supreme council of higher institutes
(b)	It is recommended to add more teaching hours for the seminars and consider it in the evaluation	The seminars are evaluated by additional degrees included in the teacher opinion

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

None

8- Course enhancement:

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

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

9- Action plan for academic year 2011-2012

Actions required	Completion date	Person responsible
None		

Course coordinator: Dr Mohamed Kandil

Signature:

Date: August 2011

Annual Course Report

Academic year 2010-2011

A- Basic Information

1- Title and code:(A321-A322) Building Construction and Materials
2- Program(s) on which this course is given: Architectural Construction and building Materials
3- Year/Level of program: Third Year (Architecture)
4- Unit hours

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

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

Course coordinator : Prof. Dr. MagdyTammam.

Head of the Department: Prof. Dr. HanySerag El Din.

B- Statistical Information

No. of students attending the course: **No.** 372 **%** 100

No. of students completing the course: **No.** 355 **%** 95.4

Results:

	No.	%
Passed	314	88.5
Failed	41	11.5

Grading of successful students:

	No.	%
Excellent	13	3.7
Very Good	36	10.1
Good	68	19.2
Pass	197	55.5

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Lecturer
• **Introduction & Revision**(Symbols)	2	2	Prof. Dr. MagdyTammam
• **Waterproofing – Heat, sound and Radiation Insulations**(Methods -Types-Materials).	2	2	
• **Insulation Layers and Applying methods.**	2	2	
• **Expansion, Settlement and Material Joints.**(Floors-Roofs-Walls…) .	2	2	
• **Walls and Floors (Interior & Exterior)** (Finishing Materials, Plaster, painting).	2	2	
• **Stairs**(Design–Types-Specifications and Construction).	2	2	
• **Reinforced Concrete Stairs**(Specifications – Handrails – Finishing material).	2	2	
• **Reinforced Concrete Stairs**(Details)	2	2	
• **Wood** (introduction–types–use in buildings)	2	2	
• **Wooden Work & Products** Design and Drawing basics(Joist sizes - Joints-accessories).	2	2	
• **Wooden Doors (Interior& Exterior)**(Frames, Stock and Hardware).	2	2	
• **Wooden doors Details** (Solid Molded, Slat).	2	2	
• **Wooden doors Details** (Paneled, Flush doors).	2	2	
• **Wood doors Details**(Doors Hardware Equipments).	2	2	
• **Revision: ……..Revision.**	2	2	
1st Semester Total hours	**30**	**30**	
• **Wooden Windows** (Dormer- Casement – Screens for windows)	4	2	
• **Wooden Windows Details.** (Window Hardware Equipments).	4	2	
• **Wood Furring, Paneling and fences.** (Molding- Softwood Plywood-Hardboard)	4	2	
• **Wooden Stairs**(Specifications –Treads - Risers - Handrails – Details).	4	2	
• **Metal Work & Products.**(Miscellaneous Steel Shapes-Joints). (Doors-Windows-Chutes). (Metal Lath and Plaster Ceilings).	4	2	
• **Metallic Stairs**(Specifications –Treads - Risers - Handrails – Details).	4	2	
• **Escalators , Stairs and Elevators**	4	2	
• **Advanced building systems.**	4	2	
• **Project**(Small Villa – Bank Branch – Two-story Shop) & Sanitary Work (Symbols - Bath room plumbing – Pipes and Fittings –Riser Diagram –Water Tank).	4	2	
• **Project & Electric Work**(Symbols - Residential Wiring – Elevators)	4	2	
• **Project & Modular Coordination**(Plans Dimension – Elevations- Column, Walls, Partitions, doors and Windows- Pre-cast).	4	2	
• **Project & Measurement**	4	2	
• **Project & Quality control**	4	2	
• **Project & Defectives Correction**	4	2	
• **Revision: ……..Revision.**	4	2	
2nd Semester Total hours	**60**	**30**	
Academic Year Total hours			

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic None

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

All of the missed teaching hours were substituted, in addition to the seminars arranged during the students' free day.

2- Teaching and learning methods:

Lectures:

1- Traditional lecturing using the white board and illustration methods and tools.

2- Class and Homework exercises.

3-Market and sites researches

4-Case studies, solution of problems.

Seminar/Project:

* Working drawings for Small Villa Project as a case study.

* Four Building materials market research

  - Insulation materials and systems (water dumping-heat &sound insulation).

  - Wood and wooden (types – joining – treatment – dimension- cost - ….etc.).

  - Doors and windows accessories.

  - Finishing material and applying methods.

* Structure Systems Research

Class activity:

1st Semester

1 -Tools

Assignments & term papers to measure:	Content of A1 to A5, B1 to B4, C2 to C4 and D1 to D3
Mid-Term exam to measure	Content of items A1 to A3, B1 to B3 and C1 to C3
Practical exams to measure	Content of A1 to A3 , C2 and C3
Final written exam to measure	None for the first term

2 -Time schedule:

Assignments and term papers	Bi-weekly class and home exercises .
Mid-term exam	At class
Practical exam	None
Final exam	None

3- Grading system

Attendance	10	points	
Assignments and term papers	20	points	
Researches	10	points	
Mid-term exam	10	points	at class
Practical exam	-	points	
Final exam	-	points	
Total	**50**	**points**	

2nd Semester

1 - Tools

Assignments & term papers to measure:	Content of A1 to A5, B1 to B4, C1 to C4 and D1 to D3
Mid-Term exam to measure	Content of items A1 to A3, B1 to B3 and C1 to C3
Practical exams to measure	Content of A1 to A3 , C2 and C3
Final written exam to measure	Content of A1 to A5, B1 to B4, C1 to C5 and D1 to D3

2 - Time schedule:

Assignments and term papers	Bi-weekly class and home exercises.
Mid-term exam	Eighth week
Practical exam	Fifteenth Week
Final exam	Sixteenth week

3 - Grading system

Attendance	10 points
Assignments and term papers	20 points
Researches	10 points
Mid-term exam	10 points
Practical exam (project)	20 points
Total 2nd term	**70 points**
Final exam	**80 points**
Total	1st and 2nd Semesters = 200 points

Case Study: Small Villa Working Drawings

Other assignments/homework: Bi-weekly assignments

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	30 %
Oral examination	**----**
Practical/laboratory work	0 %
Other assignments/class work	60%
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee Dr. MagdyTammam

Role of external evaluator None

4- Facilities and teaching materials:

- Design studio equipped with drawing boards, overhead projector and Data show.
- Resources available in the library.
- Computer lab with CAD software and Internet connection.
- Field and Construction sites visits and up-to-date materials researches .

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

5- Administrative constraints

List any difficulties encountered

6- Student evaluation of the course:	**Response of course team**
List any criticisms	
(a) It is recommended to increase the teaching hours of this course	The teaching hours are determined by the curriculum approved by the supreme council of higher institutes
(b) It is recommended to add more teaching hours for the seminars and consider it in the evaluation	The seminars are evaluated by additional degrees included in the teacher opinion

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

None

8- Course enhancement:

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

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

9- Action plan for academic year 2011– 2012

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

Course coordinator : Dr. MagdyTammam

Signature :

Date : **August 2011**

Annual Course Report

Academic year 2010-2011

A- Basic Information

1- Title and code: A331 History& Theories of Architecture (2) - A

2- Program(s) on which this course is given: Architecture Engineering and Building Technology

3- Year/Level of program: 3rd year Arch. Eng, 1st semester

4- Unit hours

Lectures 4 hrs Tutorial Practical Total

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

Course coordinator Dr.Walaa Nour

External evaluator

B- Statistical Information

No. of students attending the course: **No.** 372 **%** 100

No. of students completing the course: **No.** 364 **%** 97.8

Results:

	No.	%
Passed	353	97
Failed	11	3

Grading of successful students:

	No.	%
Excellent	29	8
Very Good	77	21.1
Good	96	26.4
Pass	151	41.5

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Lecturer
building types	4	
Educational building	4	
Educational building	4	
office building	4	
hotels	4	
Commercial buildings	4	
Commercial buildings	4	
Restaurants	4	
Restaurants	4	
Theatres	4	
Theatres	4	
Museum	4	
Hospitals - parking	4	
architectural themes	4	
architectural themes	4	
Total hours	**60**	

Topics taught as a percentage of the content specified:

>90 % 100 **70-90 %** **<70%** ….

Reasons in detail for not teaching any topic None

If any topics were taught which are not specified, give reasons in detail None, all of the missed teaching hours were substituted, in addition to the seminars arranged during the students free day.

2- Teaching and learning methods:

Lectures:

Blackboard / whiteboard & chalk.

Listing methods.

Books, scientific references, specific internet sites.

Data Show – projects.

Practical training/ laboratory: Practical training

Seminar/Workshop:

Two Seminars were arranged by the students

Class activity:

Main objective of this course is to study the evolution of historical architecture epochs until the end of renaissance era .

Other assignments/homework:

Manual drafting and freehand sketching

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

3- Student assessment:

Method of assessment	**Percentage of total**
Final exam	70%
Oral examination	**----**
Semester work	20%
Mid-Term Exam	**10%**
Total	**100 %**

Members of examination committee Dr.Walaa Nour

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

6- Student evaluation of the course:	**Response of course team**
List any criticisms	
(a) It is recommended to increase the teaching hours of this course	The teaching hours are determined by the curriculum approved by the supreme council of higher institutes
(b) It is recommended to add more teaching hours for the seminars and consider it in the evaluation	The seminars are evaluated by additional degrees included in the teacher openion

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

8- Course enhancement:

Progress on actions identified in the previous year's action plan: This is the third annual report

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

9- Action plan for academic year 2011 – 2012

Actions required	Completion date	Person responsible
None		

Course coordinator: Dr.Walaa Nour

Signature:

Date: August 2011

Annual Course Report

Academic year 2010-2011

A- Basic Information

1- Title and code :(A332): History and Theories of Architecture (2)-B

2- Program(s) on which this course is given: Architecture Engineering and Building Technology

3- Year/Level of program: 3rd year Arch. Eng, 2nd semester

4- Unit hours

Lectures 4 hrs Tutorial Practical Total

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

Course coordinator Dr. Reham Ibrahem Momtaz

External evaluator

B- Statistical Information

No. of students attending the course: **No.** 372 **%** 100

No. of students completing the course: **No.** 359 **%** 96.5

Results:

	No.	%
Passed	329	91.7
Failed	30	8.3

Grading of successful students:

	No.	%
Excellent	65	18.1
Very Good	72	20.1
Good	60	16.7
Pass	132	36.8

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
General introduction for the course	4	Dr. RehamIbrahemMomtaz
Christian age	4	
Christian age	4	
Coptic architecture	4	
Coptic architecture	4	
Byzantine architecture	4	
Byzantine architecture	4	
Romanesque architecture	2	
Romanesque architecture	4	
Romanesque architecture	4	
Gothic style in France	4	
Gothic style in Italy	4	
Gothic style in Europe	4	
Digital Presentation of the Final Researches: (Jury) : *Staff's Criticism / Evaluation for each Student*	4	
Digital Presentation of the Final Researches: (Jury) : *Staff's Criticism / Evaluation for each Student*	4	
Total	**60**	

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic None

If any topics were taught which are not specified, give reasons in detail None, all of the missed teaching hours were substituted, in addition to the seminars arranged during the students free day.

2- Teaching and learning methods:

Lectures:

Blackboard / whiteboard & chalk.

Listing methods.

Books, scientific references, specific internet sites.

Data Show – projects.

Practical training/ laboratory: Practical training

Seminar/Workshop:

Two Seminars were arranged by the students

Class activity: Main objective of this course is to study the evolution of historical architecture epochs until the end of renaissance era .

Case Study: Coptic architecture

Other assignments/homework:

Manual drafting and freehand sketching

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

3- Student assessment:

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

Members of examination committee Dr. Reham Ibrahem Momtaz

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

6- Student evaluation of the course:		**Response of course team**
	List any criticisms	
(a)	It is recommended to increase the teaching hours of this course	The teaching hours are determined by the curriculum approved by the supreme council of higher institutes
(b)	It is recommended to add more teaching hours for the seminars and consider it in the evaluation	The seminars are evaluated by additional degrees included in the teacher openion

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

None

8- Course enhancement:

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

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

9- Action plan for academic year 2011 – 2012

Actions required	Completion date	Person responsible
None		

Course coordinator: Dr. Reham Ibrahem Momtaz

Signature:

Date: **August 2011**

Annual Course Report

Academic Year 2010-2011

A- Basic Information

1- Title and code :(A341) Reinforced Concrete & Steel Structures - a

2- Program(s) on which this course is given: Architecture Engineering and building Technology

3- Year/Level of program: 3rd Year, 1st semester

4- Unit hours

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

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

Dr. Aiman Ezzat, eng. Tamer Selim

Course coordinator Dr. Aiman Ezzat

External evaluator

B- Statistical Information

No. of students attending the course: **No.** 372 100%

No. of students completing the course: **No.** 364 97.8%

Results:

	No.	%
Passed	267	73.4
Failed	97	26.6

Grading of successful students:

	No.	%
Excellent	30	8.3
Very Good	31	8.5
Good	46	12.6
Pass	160	44.0

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
▪ Introduction to reinforced concrete.	4	
▪ Design fundamentals for concrete structures.	4	
▪ Design fundamentals for concrete structures	4	
▪ Analysis and design of sections under bending moment	4	
▪ Analysis and design of sections under bending moment	4	
▪ Load distribution	4	
▪ Details of beams' reinforcement	**4**	
▪ Solid slabs.	**4**	
▪ Solid slabs.	**4**	
▪ Solid slabs.	**4**	
▪ Columns.	**4**	
▪ Stairs.	**4**	
▪ Ribbed slabs and hollow blocks.	**4**	
▪ Paneled beams.	**4**	
▪ Flat slabs.	**4**	
Total hours	**60**	

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic

None

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

None

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and data show

Practical training/ laboratory:

Seminar/Workshop: ----

Class activity:

exercises, , quizes, problems

Researches: ----

Other assignments/homework: weekly assignments

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

None

3- Student assessment:

Method of assessment	Percentage of total
Final examination	70%
Project	---%
Practical/laboratory work	---%
Assignments/class work	15%
Mid-Term Exam	15%
Total	100 %

Members of examination committee Dr. Aiman Ezzat

Role of external evaluator None

4- Facilities and teaching materials:

Totally adequate	yes
Adequate to some extent	----
Inadequate	.....

List any inadequacies

None

5- Administrative constraints

List any difficulties encountered

None

6- Student evaluation of the course: List any criticisms	Response of course team
1. It is needed to study the relation between this course and arch	This issue is covered in design projects

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

None

8- Course enhancement:

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

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

None

9- Action plan for academic year 2011– 2012

Actions required	Completion date	Person responsible
1. None		

Course coordinator: Dr. Aiman Ezzat

Signature:

Date: August 2011`

Annual Course Report

Academic Year 2010-2011

A- Basic Information

1- Title and code :(A342) Reinforced Concrete & Steel Structures - b

2- Program(s) on which this course is given: Architecture Engineering and building Technology

3- Year/Level of program: 3rd Year, 2nd semester

4- Unit hours

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

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

Dr. Aiman Ezzat, eng. Tamer Selim

Course coordinator Dr. Aiman Ezzat

External evaluator

B- Statistical Information

No. of students attending the course: **No.** 372 100%

No. of students completing the course: **No.** 359 96.5%

Results:

	No.	%
Passed	340	94.8
Failed	19	5.2

Grading of successful students:

	No.	%
Excellent	113	31.5
Very Good	78	21.7
Good	59	16.4
Pass	90	25.2

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
▪ Introduction to steel structures.	4	
▪ Design fundamentals for Steel structures.	4	
▪ Dimensions and loads of trusses	4	
▪ Axially loaded tension members	4	
▪ Axially loaded compression members	4	
▪ Dimensions and loads of trusses	4	
▪ Structural details for trusses and steel frames	**4**	
▪ Structural details for trusses and steel frames	**4**	
▪ Joint details..	**4**	
▪ Bolted connections	**4**	
▪ Bolted connections	**4**	
▪ Welded connections	**4**	
▪ Design of beams	**4**	
▪ Design of columns	**4**	
▪ Base connections and supports	**4**	
Total hours	**60**	

Topics taught as a percentage of the content specified:

>90 % 100 **70-90 %** **<70%** ….

Reasons in detail for not teaching any topic None

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

None

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and data show

Practical training/ laboratory:

Seminar/Workshop: ----

Class activity:

exercises, , quizes, problems

Researches: ----

Other assignments/homework: weekly assignments

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

None

3- Student assessment:

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

Members of examination committee Dr. Aiman Ezzat

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	
It is needed to study the relation between this course and arch	This issue is covered through the projects given in the fourth & fifth year in working drawing

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

8- Course enhancement:

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

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

None

9- Action plan for academic year 2011 – 2012

	Actions required	Completion date	Person responsible
1.	None		

Course coordinator: Dr. Aiman Ezzat

Signature:

Date: August 2011

Annual Course Report

Academic year 2010-2011

A- Basic Information

1- Title and code :(A 351) Environmental Control

2- Program(s) on which this course is given: Architecture Engineering and Building Technology

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

4- Unit hours

Lectures 2 hrs Tutorial - Practical - Total 2 hrs

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

	Dr. Nahed Omran
Course coordinator	Dr. Nahed Omran
External evaluator	

B- Statistical Information

No. of students attending the course: **No.** 372 **%** 100

No. of students completing the course: **No.** 365 **%** 98.1%

Results:

	No.	%
Passed	347	95.1
Failed	18	4.9

Grading of successful students:

	No.	%
Excellent	14	3.8
Very Good	25	6.8
Good	*72*	*19.7*
Pass	236	64.8

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
Introduction –Environment and its physical aspects – climatic regions and levels of studing	2	Dr. NahedOmran
Climatic Elements affecting design process	2	
Solar Radiation and its properties	2	
Design of sun breakers	4	
eat and thermal behavior of the building	4	
wind and air movement	2	
Heat performance of the building	2	
Mid Term Exam	2	
basics of natural ventilation	2	
Elements of human comfort	2	
Components of day lighting	2	
Day lighting- design tools	4	
Total	**30**	

Topics taught as a percentage of the content specified:

>90 % 100 **70-90 %** **<70%** ….

Reasons in detail for not teaching any topic None

If any topics were taught which are not specified, give reasons in detail None, all of the missed teaching hours were substituted, in addition to the seminars arranged during the students free day.

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board , overhead projector& data show

Practical training/ laboratory:

Seminar/Workshop:

one Seminar was arranged by the students:

(a) Discussion about the different topics of environmental control

Class activity:

Solving problems in designing sun breakers, heat performance, and day-lighting

Researches: Library research

Other assignments/homework: Solving problems in sun breakers, heat performance, wind rose, and day-lighting

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
Final examination	73.3 %
Oral examination	-
Sheets (problems)	16 %
Researches	4 %
Mid-Term Exam	6.7 %
Total	100 %

Members of examination committee Dr. Nahed Omran

Role of external evaluator None

4- Facilities and teaching materials:

Totally adequate .Yes.

Adequate to some extent .....

Inadequate .....

List any inadequacies None

5- Administrative constraints

List any difficulties encountered: None

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

List any criticisms

None

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

None

8- Course enhancement:

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

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

9- Action plan for academic year 2011 – 2012

Actions required	Completion date	Person responsible
None		

Course coordinator: Dr. Nahed Omran

Signature:

Date: August 2011

Annual Course Report

Academic year 2010-2011

A- Basic Information

1- Title and code: A352: Visual Training (2)

2- Program(s) on which this course is given: Architecture Engineering and Building Technology

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

4- Unit hours

Lectures 2 hrs Tutorial - Practical - Total 2 hrs

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

Course coordinator Dr Amira Mostafa

External evaluator

B- Statistical Information

No. of students attending the course: **No.** 372 **%** 100

No. of students completing the course: **No.** 361 **%** 97.0

Results:

	No.	%
Passed	345	95.6
Failed	16	.4.4

Grading of successful students:

	No.	%
Excellent	50	13.9
Very Good	56	15.5
Good	68	18.8
Pass	171	47.4

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Lecturer
Color as phenomena, color symbol, properties, and psychology of color effect	2	
Painting circle of (3)basic color (6 -12)	2	
color theory of ostwald and coloring techniques	2	
color notation (munsell theory) and coloring techniques	2	
Color value and Grey scale	2	
Intensity of color (chrome)	2	
Cool & warm colors	2	
Research presentation & Discussion	2	
Combining & contrasting colors	2	
Harmony & disharmony of colors	2	
Introduction water colors naturally	2	
Drawing architectural water colors project and manual presentation	2	
water colors in presenting layout and plans	2	
water colors in presenting elevations	2	
water colors in presenting perspectives	2	
Total hours	**30**	

Topics taught as a percentage of the content specified:

>90 % 100 **70-90 %** **<70%** ….

Reasons in detail for not teaching any topic None

If any topics were taught which are not specified, give reasons in detail None, all of the missed teaching hours were substituted, in addition to the seminars arranged during the students free day.

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board , overhead projector& data show

Practical training/ laboratory:

Researches: Library research

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
Final examination	73.3 %
Oral examination	-
Sheets (problems)	16 %
Researches	4 %
Mid-Term Exam	6.7 %
Total	**100 %**

Members of examination committee Dr Amir aMostafa

Role of external evaluator None

4- Facilities and teaching materials:

Totally adequate **.Yes.**

Adequate to some extent **.....**

Inadequate **.....**

List any inadequacies None

5- Administrative constraints

List any difficulties encountered: None

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

List any criticisms

None

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

None

8- Course enhancement:

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

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

9- Action plan for academic year 2011 – 2012

Actions required	Completion date	Person responsible
None		

Course coordinator: Dr Amira Mostafa

Signature:

Date: **August 2011**

Annual Course Report

Academic year 2010-2011

A- Basic Information

1- Title and code: A361: Design Methodology

2- Program(s) on which this course is given: Architectural Engineering and Building Technology Dpt.

3- Year/Level of program: third Year

4- Unit hours

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

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

Dr. Nahed A. Omran

Course coordinator Dr. Nahed A. Omran

External evaluator

B- Statistical Information

No. of students attending the course: **No. 372** **% 100**

No. of students completing the course: **No. 369** **% 99.2**

Results:

	No.	%
Passed	362	98.1
Failed	7	1.9

Grading of successful students:

	No.	%
Excellent	66	17.9
Very Good	64	17.3
Good	80	21.7
Pass	152	41.2

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
Traditional methods of thinking	2	Dr.Nahed A. Omran
Architectural problem & objectives	2	
Main Goals ,Secondary Goals	2	
Pyramid of Goals	2	
Architectural Invention process	2	
Phases of design process	2	
Tools of Architectural invention	2	
Methods of Data Collection	2	
Methods of Architectural process	2	
Architectural Design Process phases	2	
Examples of Different Building Design ,Goals , Zoning	2	
Different components forms ,shapes, in Architecture	2	
Different Architectural ,icons Ideas	2	
Researches Presentation, revision	2	
Total hours	**30**	

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic None

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

None, all of the missed teaching hours were substituted, in addition to the seminars arranged during the students' free day.

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and data show

Seminar/Workshop:

Two Seminars were arranged by the students:

(c) Brian storm thinking
(d) Defining architectural form, icons

Class activity:

Student sharing by report, examples, criticism

Case Study: Selected case studies

Other assignments/homework: Bi-month assignments

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

3- Student assessment:

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

Members of examination committee Dr. Nahed A.Omran

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

6- Student evaluation of the course:		**Response of course team**
	List any criticisms	
(a)	It is recommended to increase the teaching hours of this course	The teaching hours are determined by the curriculum approved by the supreme council of higher institutes
(b)	It is recommended to add more teaching hours for the seminars and consider it in the evaluation	The seminars are evaluated by additional degrees included in the teacher opinion

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

None

8- Course enhancement:

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

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

9- Action plan for academic year 2011-2012

Actions required	Completion date	Person responsible
None		

Course coordinator: Dr. Nahed A. Omran

Signature:

Date: **August 2011**

Annual Course Report

Academic year 2009-2010

A- Basic Information

1- Title and code :(A362) Human Architecture Studies

2- Program(s) on which this course is given: Architectural Engineering and Building Technology Dpt.

3- Year/Level of program: Third Year

4- Unit hours

Lectures 2hrs

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

	Dr. Nahed A. Omran
Course coordinator	Dr. Nahed A. Omran
External evaluator	

B- Statistical Information

No. of students attending the course: **No. 338** **%** 100

No. of students completing the course: **No. 361** **% 97.0**

Results:

	No.	%
Passed	345	95.6
Failed	16	4.4

Grading of successful students:

	No.	%
Excellent	88	24.4
Very Good	52	14.4
Good	86	23.8
Pass	119	33.0

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
Introduction, basic definitions and terminology	2	Dr.Nahed A. Omran
Main topics of human studies &Architecture	2	
Human needs & its impact on space& Arch.	2	
Islamic culture in Arch.	2	
Arch. values in Islamic city	2	
Arch. As build environment	2	
The role of the environment (green &smart) Arch.	2	
Shaping the culture & behavior of a Society throughout history	2	
Shaping the culture & behavior of a Society throughout history	2	
Vernaculars & traditional arch	2	
Relation between man & environment	4	
Relation between man & environment natural& informal arch. Nubian / siwa / etc.	2	
Informal arch	2	
Community participation	2	
Total hours	**30**	

Topics taught as a percentage of the content specified:

>90 % 100 **70-90 %** **<70%** ….

Reasons in detail for not teaching any topic None

If any topics were taught which are not specified, give reasons in detail None, all of the missed teaching hours were substituted, in addition to the seminars arranged during the students free day.

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and data show

Seminar/Workshop:

Two Seminars were arranged by the students:

- Human Behaviors in public, open spaces
- Community Participation

Class activity:

Lecture, open seminar,

Case Study: Selected case studies

Other assignments/homework: **each two week**

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	73%
Oral examination	**----**
Practical/laboratory work	**------**
Other assignments/class work	13 %
Mid-Term Exam	14 %
Total	**100 %**

Members of examination committee Dr. Nahed A. Omran

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

6- Student evaluation of the course:		**Response of course team**
	List any criticisms	
(a)	It is recommended to increase the teaching hours of this course	The teaching hours are determined by the curriculum approved by the supreme council of higher institutes
(b)	It is recommended to add more teaching hours for the seminars and consider it in the evaluation	The seminars are evaluated by additional degrees included in the teacher opinion

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

None

- 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 2011-2012

Actions required	Completion date	Person responsible
None		

Course coordinator: Dr. Nahed A. Omran

Signature:

Date: August 2011

Annual Course Report

Academic year 2010-2011

A- Basic Information

1- Title and code: A371: History& Theory of Planning
2- Program(s) on which this course is given: Architectural Engineering and Building Technology Dpt.
3- Year/Level of program: third Year
4- Unit hours

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

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

Dr. Nahed A. Omran

Course coordinator Dr.Nahed A. Omran

External evaluator

B- Statistical Information

No. of students attending the course: **No.372** **%** 100

No. of students completing the course: **No.363** **%** 97.6

Results:

	No.	%
Passed	352	97
Failed	11	3

Grading of successful students:

	No.	%
Excellent	93	25.6
Very Good	66	18.2
Good	55	15.2
Pass	138	38.0

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
The beginning of the city	4	Dr. Nahed A. Omran
Mesopotamia cities.	4	
Ancient Egyptian civilization	4	
Planning of Greek cities	4	
Planning of roman cities.	4	
Cities in the middle eras.	4	
Analysis for the planning theories in that era	4	
Analysis for the planning theories in that era	4	
Islamic cities	4	
The renaissance cities.	4	
The renaissance cities.	4	
Applications for the model towns	4	
Theories for city planning	4	
The Contemporary Egyptian city and its problems-environmental problems-pollution-slum areas	4	
Final revision – discussion for the second requirement report	4	
Total hours	**60**	

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic None

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

None, all of the missed teaching hours were substituted, in addition to the seminars arranged during the student's free day.

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and Data show

Seminar/Workshop:

Seminars were arranged by the students: research old city,

(a) Islamic Cairo
(b) problem in old Cairo

Class activity: .Research: visit to Old Cairo,

Case Study: Selected case studies

Other assignments/homework: Bi-month assignments

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

3- Student assessment:

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

Members of examination committee Dr. Nahed A.Omran

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

6- Student evaluation of the course:		**Response of course team**
	List any criticisms	
(a)	It is recommended to increase the teaching hours of this course	The teaching hours are determined by the curriculum approved by the supreme council of higher institutes
(b)	It is recommended to add more teaching hours for the seminars and consider it in the evaluation	The seminars are evaluated by additional degrees included in the teacher opinion

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

None

8- Course enhancement:

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

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

9- Action plan for academic year 2011-2012

Actions required	Completion date	Person responsible
None		

Course coordinator: Dr.Nahed A.Omran

Signature:

Date: **August 2011**

Annual Course Report

Academic year 2010-2011

A- Basic Information

1- Title and code: A372, A381: Computer Applications (Comp. Graph) b

2- Program(s) on which this course is given: Architecture Engineering and Building Technology

3- Year/Level of program: 3rd year Arch. Eng., 1st,2nd semester

4- Unit hours

Lectures - Tutorial 3 hrs Practical - Total 3 hrs

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

Dr.Hosam Moftah

Course coordinator: Dr.Hosam Moftah

External evaluator: -

B- Statistical Information

No. of students attending the course: **No.** 372 100%

No. of students completing the course: **No.** 353 94.9%

Results:

	No.	%
Passed	312	88.4%
Failed	41	11.6

Grading of successful students:

	No.	%
Excellent	47	13.3
Very Good	59	16.7
Good	66	18.7
Pass	140	39.7

C- Professional Information

1 – Course teaching

Topic Actually taught	Lecture hours	Lecturer
introduction	6	Dr. Hosam .Moftah
accessing MAXScript	6	
Locating Information in Help File	6	
2d modeling	6	
Modeling & modifying & rendering	6	
MAXScript syntax an terminology	6	
Mid – term	6	
General advanced topic	6	
Practical questions	6	
Lighting & background	6	
Materials	6	
Materials	6	
MAXScript tools and interaction with 3D Max	6	
Camera & view ports	6	
Modifiers	6	
Total hours	**90**	

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic None

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

2- Teaching and learning methods:

Lectures: teaching by theoretical introduction using the white board

Practical training: teaching by modeling on line during student participation with net working

Seminar/Workshop: Seminars for researches

Class activity: Practical training / laboratory (Practical applications)

Case Study: 3D objects and buildings

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

3- Student assessment:

Method of assessment	Percentage of total
Final examination	40%
Other assignments/class work	40%
Mid-Term Exam	20 %
Total	100 %

Members of examination committee Dr. Hosam Moftah

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

- The computers specifications need upgrading.

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

List any criticisms

None

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

None -

8- Course enhancement:

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

Actions required	Planned Completion date	Accomplishment
None	-	-

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

9- Action plan for academic year 2011 – 2012

Actions required	Completion date	Person responsible
None	-	-

Course coordinator: Dr. Hosam Moftah

Signature:

Date: August 2011

Annual Course Report

Academic Year 2010-2011

A- Basic Information

1- Title and code :(A391, A382) Construction Equipment a-b

2- Program(s) on which this course is given: Architecture Engineering and building Technology

3- Year/Level of program: 3rd Year,1st , 2nd semester

4- Unit hours

Lectures 3hrs Tutorial -- Practical --- Total 3 hrs

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

Dr Moatez Mahmoud Tolba, Dr. Adham Elalfy

Course coordinator Dr Adham Elalfy

External evaluator

B- Statistical Information

No. of students attending the course: **No.** 372 100%

No. of students completing the course: **No.** 360 95.3%

Results:

	No.	%
Passed	353	98.1
Failed	7	1.9

Grading of successful students:

	No.	%
Excellent	46	12.8
Very Good	78	21.7
Good	89	24.7
Pass	140	38.9

C- Professional Information

1 – Course teaching

Topic Actually taught 1st semester	No. of hours	Lecturer
• Determining Equipment Costs	18	
• Calculating Equipment Costs and Monitoring its Development According time Schedule	17	
• Equipment Items in FIDIC Contracts	10	
Total hours	**45**	

Topic Actually taught 2nd semester	No. of hours	Lecturer
• construction equipment in site	15	
• Cost analysis	9	
• Site Planning and preparation for a construction equipment	9	
• Execution Programmer for a construction equipment	12	
Total hours	**45**	

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic None

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

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and data show

Practical training/ laboratory: -----

Seminar/Workshop: ----

Class activity:

Exercises, discussions,

Researches: ----

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**
Final exam	70%
Semester work	20%
Mid term exam	10%
Total	**100 %**

Members of examination committee Dr Moatez Mahmoud Tolba, Dr. Adham Elalfy

Role of external evaluator

None

4- Facilities and teaching materials:

Totally adequate yes

Adequate to some extent ----

Inadequate .....

List any inadequacies

None

5- Administrative constraints

List any difficulties encountered

None

6- Student evaluation of the course:	**Response of course team**
List any criticisms	
1. increase the evaluation of class work	Evaluation process is put according to definite limitations

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

8- Course enhancement:

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

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

None

9- Action plan for academic year 2011 – 2012

	Actions required	Completion date	Person responsible
1.	None		

Course coordinator : Dr Adham Elalfy

Signature:

Date: August 2011

4th year Architecture

	Code	Course
1	A411	Architecture Design(3)-a
	A412	Architecture Design(3)-b
2	A421	History,Th. of Arts & Arch. (3) -a
3	A422	History,Th. of Arts & Arch. (3) -b
4	A431	Working Dr.&Const.Methods (1)-a
	A432	Working Dr.&Const. Methods (1)-b
5	A441	Technical&Sanitary Installations-a
6	A442	Technical&Sanitary Installations-b
7	A451	City Planning & Housing(1)-a
8	A452	City Planning & Housing(1)-b
9	A461	Project Management
10	A462	Foundations
11	A471	Elective Course-1(housing)
12	A472	Elective Course2 (conservation)
13	A481	Modular Coordination-a
	A482	Modular Coordination-b.
14	A491	Building Economics-a
	A492	Building Economics-b

Annual Course Report
Academic year 2010-2011

A- Basic Information

1- Title and code :(A411, A412) Architectural Design a & b

2- Program(s) on which this course is given: Architectural Engineering and Building Technology

3- Year/Level of program: Fourth Year, 1st& 2nd semester

4- Unit hours

Lectures 6 hrs Tutorial ---- Practical ---- Total 6 hrs

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

Dr. GhadaRehan, Dr. Reham Momtaz, Dr. Haitham Samir, Dr. AsamerZakaria, Dr. Mohamed Refaat

Course coordinator: Dr. Haitham Samir
External evaluator: Non

B- Statistical Information

No. of students attending the course: **No.** 330 **%** 100

No. of students completing the course: **No.** 326 **%** 98.7

Results:

	No.	%
Passed	285	87.5
Failed	41	12.5

Grading of successful students:

	No.	%
Excellent	7	2.2
Very Good	24	7.4
Good	63	19.3
Pass	191	58.6

C- Professional Information

1 – Course teaching

Topic Actually taught in the 1st semester	No. of hours	Lecturer
1- Introduction to the design 1st project (Administrative Building and Bank branch)	6	Dr. GhadaRehan, Dr. RehamMomtaz, Dr. Haitham Samir, Dr. AsamerZakaria, Dr. Mohamed Refaat
2- Research: relevant architectural data and similar projects either International or local projects.	6	
3- Sketch 1 (Schematic / conceptual design)	6	
4- Sketch 2 (focuses on designing and formulating project plans)	6	
5- Sketch 3 (Design development for plans)	6	
6- Sketch 4 (focuses on designing and formulating project elevations and sections)	6	
7- Sketch 5 - Semi final sketch (Design Development for Layout, plans, elevations, sections and 3d models)	6	
8- Sketch 6 - Final sketch (Presenting Layout, plans, elevations, sections and 3d models for approval). Presentation and rendering sessions		
9- Final Submission and Project Discussion	6	
10- Introduction to the 2nd project (Mosque)	6	
11- Sketch 1 (Schematic / conceptual design)	6	
12- Sketch 2 (Design development for plans)	6	
13- Sketch 3 (focuses on designing and formulating project elevations and sections)	6	
14- Sketch 4 Final sketch (Presenting proposed layout, plans, elevations, sections and 3d models)	6	
15- Final Submission and Project Discussion	6	
Total of 1st term	**90**	

Topic Actually taught in the 2nd semester	No. of hours	Lecturer
16- Introduction to 3rd project (A Multi-story Residential and commercial Building)	6	Dr. GhadaRehan, Dr. RehamMomtaz, Dr. Haitham Samir, Dr. AsamerZakaria, Dr. Mohamed Refaat
17- Research: relevant architectural data and similar projects either International or local projects.	6	
18- Sketch 1 (Schematic / conceptual design)	6	
19- Sketch 2 (focuses on designing and formulating project plans)	6	
20- Sketch 3 (Design development for plans)	6	
21- Sketch 4 (focuses on designing and formulating project elevations and main sections)	6	
22- Sketch 5 - Semi final sketch (Design Development for Layout, plans, elevations, sections and 3d models)	6	
23- Sketch 6 - Final sketch (Presenting Layout, plans, elevations, sections and 3d models for approval). Presentation and rendering sessions	6	
24- Final Submission and Project Discussion	6	
25- Introduction to 4th project (Car Showroom)	6	
26- Research: Data gathering, site analysis, climatic studies, zoning and analysis of similar projects	6	
27- Sketch 1 (Schematic / conceptual design)	6	
28- Sketch 2 (Design development for plans)	6	
29- Sketch 3 (Presenting proposed layout, plans, elevations, sections and 3d models)	6	
30- Final Submission and Project Discussion	6	
Total of 2nd term	**90**	

Topics taught as a percentage of the content specified:

>90 % 100 **70-90 %** **<70%** ….

Reasons in detail for not teaching any topic Non

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

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and data show, General criticism & presentations,

Practical training/ laboratory: Non

Seminar/Workshop: Non

Class activity:

Design Exercises, quizzes & sketches

Researches: Yes

Other assignments/homework: Bi-weekly design sketch

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	40 %
Oral examination	**----**
Projects	24 %
Periodical sketches	24 %
Mid-Term Exam	12 %
Total	**100 %**

Members of examination committee Dr. GhadaRehan, Dr. RehamMomtaz, Dr. Haitham Samir, Dr. AsamerZakaria, Dr. Mohamed Refaat

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
Non.

6- Student evaluation of the course:	**Response of course team**
- More references and books are to be provided.	Recommending a list of books and relevant references to the students.

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

8- Course enhancement:

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

Actions required	**Completion**
Four projects have to be identified through a clear program and given design determinants	Completed in the 1st & 8th week of the 1st and 2nd semester subsequently
A clear arrangement of student groups has to be identified and declared to all the students from the beginning. Each group is likely to have a different design determinants and problem than the other, and will be directed by one of the teaching assistants.	Completed in the 1st week of the semester

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

Completed

9- Action plan for academic year 2011– 2012

Actions required	Completion date	Person responsible
Four projects have to be identified through a clear program and given design determinants	1st & 8th week of the 1st and 2nd semester subsequently	Course coordinator
A clear arrangement of student groups has to be identified and declared to all the students from the beginning. Each group is likely to have a different design determinants and problem than the other, and will be directed by one of the teaching assistants.	1st week of the semester	Senior teaching assistant
Arranging a year exhibition for students work in order to induce a self learning process and competition among the students	10th week of the 2nd semester	Teaching assistants

Course coordinator: Dr. M. Haitham Samir
Signature:

Date: August 2011

Annual Course Report

Academic Year 2010-2011

A- Basic Information

1- Title and code: A421 History, Theories of Arts & Arch. (3) -a

2- **Program(s) on which this course is given:** Architecture Engineering and building Technology

3- Year/Level of program: Fourth Year, 1st semester

4- Unit hours

Lectures 3hrs Tutorial -hrs Practical --- Total 3 hrs

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

Dr. Reeham Momtaz
Course coordinator : Dr. Reeham Momtaz
External evaluator

B- Statistical Information

No. of students attending the course: **No.** -330- -100-%
No. of students completing the course: **No.** -326- 98.7-%

Results:

	No.	**%**
Passed	272	83.4
Failed	54	15.3

Grading of successful students:

	No.	**%**
Excellent	29	8.9
Very Good	37	11.3
Good	48	14.7
Pass	158	48.5

C- Professional Information

1 – Course teaching

Topic	**No. of hours**	**Lecturer**
General introduction for the course	3	Dr. Reeham Momtaz
Architectural characteristics of Renaissance Era Analyzing projects of Architects.	3	
Architectural characteristics of Renaissance Era Analyzing projects of Architects.	3	
Architectural characteristics of BAROQUE, Analyzing projects of Architects	3	
Architectural characteristics of The Age of Enlightenment	3	
Social, technical and urban transformation in19th century	3	
The influences of the industrial revolution on art and architecture in 19th century	3	
Architectural trends and schools in 19thcentury	3	
Architectural trends and schools in 19thcentury	3	
Architectural trends and schools in 19thcentury	3	
The impact of new materials on architecture	3	
Architecture of steel and reinforced concrete in19th century	3	
Architecture of steel and reinforced concrete in19th century	3	
Digital Presentation of the Final Researches: (Jury) : *Staff's Criticism / Evaluation for each Student*	3	
Final Revision	3	
Total hours	**45**	

Topics taught as a percentage of the content specified:

>90 % 100 **70-90 %** **<70%** ….

Reasons in detail for not teaching any topic

None

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

None

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and data show

Practical training/ laboratory:

Seminar/Workshop: -yes

Class activity:
Quizzes

Researches: yes

Other assignments/homework: weekly assignments

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

None

3- Student assessment:

Method of assessment		**Percentage of total**
Assignments and term papers	15 points	20%
Mid-term exam	5 points	6.667%
Final exam	55 points	73.333%
Total	75 points	100%

Members of examination committee : Dr. Reeham Momtaz

Role of external evaluator None

4- Facilities and teaching materials:

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

5- Administrative constraints

List any difficulties encountered
None

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

1. None
2.

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

None

8- Course enhancement:

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

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

9- Action plan for academic year 2011 – 2012

	Actions required	Completion date	Person responsible
1.	None		
2.			

Course coordinator: Dr. Reeham Momtaz

Signature:

Date: August 2011

Annual Course Report
Academic year 2010-2011

A- Basic Information

1- Title and code: (*A422) History & Theories of Architecture and Arts (3)-B*
2- Program(s) on which this course is given: Architecture Engineering and Building Technology
3- Year/Level of program: 4th year Arch. Eng., 2nd semester
4- Unit hours
Lectures 3hrs Tutorial - Practical - Total 3 hrs
5- Names of lecturers contributing to the delivery of the course
Dr. Mona El.Basyoni
Course coordinator: Dr. Mona El.Basyoni
External evaluator: -

B- Statistical Information

No. of students attending the course: **No.** 330 100%
No. of students completing the course: **No.** 327 99.0%
Results:

	No.	%
Passed	312	95.4%
Failed	15	4.6%

Grading of successful students:

	No.	%
Excellent	57	17.4
Very Good	58	17.7
Good	73	22.4
Pass	124	37.9

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
Urban traditions in the Islamic world.	3	Dr. Mona El.Basyoni
Caliph. Periods.	3	
Tulunids period.	3	
Building concepts in Islamic Arch.	3	
Fatimid caliphs' period.	3	
Ayyubids period.	3	
Home in Islamic Arch.	3	
Mamluks (Bahri and Circassian) period.	3	
Mamluks (Bahri and Circassian) period.	3	
Ottoman (Turks) period.	3	
Napolic Invasion (Mohamed Ali) period.	3	
Art trends and schools in 19th.	3	
Art trends and schools in 20th	3	
Modern art in Egypt.	3	
Research presentation.	3	
Total hours	**45**	

Topics taught as a percentage of the content specified:

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

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

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board
Practical training: -----
Seminar/Workshop: Seminars for researches
Class activity:
----.

Case Study: buildings of Islamic period in Cairo

Other assignments/homework: --

If teaching and learning methods were used other than those specified, list and give reasons:
site visits for the most important Islamic buildings in Cairo

3- Student assessment:

Method of assessment	Percentage of total
Final examination	70%
Researches	20%
Mid-Term Exam	10 %
Total	100 %

Members of examination committee

Dr. Mona El.Basyoni

Role of external evaluator None

4- Facilities and teaching materials:

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

5- Administrative constraints

List any difficulties encountered

- none

6- Student evaluation of the course: List any criticisms		**Response of course team**
(a)	It is recommended to increase the teaching hours of the Islamic course than the history of art course	It will be.
(b)	We prefer taking the lectures in the site of the Islamic period taught	The site visits are twice in the semester, I shall try to increase them.

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

Non

8- Course enhancement:

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

Actions required	Planned Completion date	Accomplishment
none	none	none

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

9- Action plan for academic year 2011– 2012

Actions required	Completion date	Person responsible
1. Increase teaching hours of history of Islamic period than history of art	2nd semester	Dr. Mona El. Basyoni

Course coordinator: Dr. Mona El. Basyoni

Signature:

Date: August 2011

Annual Course Report
Academic year 2010-2011

A- Basic Information

1- Title and code :(A431, A432) Working drawing and Construction Methods a & b

2- Program(s) on which this course is given: Architectural Engineering and Building Technology

3- Year/Level of program: Fourth Year, 1st& 2nd semester

4- Unit hours

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

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

Dr. Mohamed Al Essawy, Dr. Haitham Samir

Course coordinator: Dr. Haitham Samir
External evaluator: Non

B- Statistical Information

No. of students attending the course: **No.** 330 **%** 100

No. of students completing the course: **No.** 327 **%** 99.0

Results:

	No.	%
Passed	289	88.4
Failed	38	11.6

Grading of successful students:

	No.	%
Excellent	13	4.0
Very Good	32	9.8
Good	57	17.4
Pass	187	57.2

C- Professional Information

1 – Course teaching

Topic Actually taught in the 1st semester	No. of hours	Lecturer
1- Introduction to Working Drawing and construction methods	6	Dr. Mohamed Al Essawy& Dr. Haitham Samir
2- An overview of the selected projects and determining the project for each student	6	
3- Site plan (Layout) • Lecture discuses the essential data for laying out the building considering any contours, boundaries, roads, utilities, trees, structures, and any other significant physical features on or near the construction site.	6	
4- Floor plans (Ground floor plans) • Lecture discusses basic information in how to delineate lengths, thicknesses, and character of the outside walls and inside partitions at the particular floor level. It also shows how to mark out the axis, dimensions, widths and locations of doors and windows, and other utility features.	6	
5- Typical floor plans	6	
6- Basement plans	6	
7- Roof plans	6	
8- Sections • Lecture discusses how a structure looks when cut vertically by a cutting plane, providing important information about construction systems, heights, levels and materials used.	6	
9- Elevations • Lecture discusses how to draw the front, rear, and sides of a structure, as they would appear projected on vertical planes in order to give a working idea of the appearance and overall shape and finishes of the structure.	6	
10- Sanitary drawings • Water supply systems and plumbing fixture	6	
11- Sanitary Drainage and sewage disposal systems	6	
12- Electrical drawings • Electric power and lighting outlets.	6	
13- Electric power and lighting outlets.	6	
14- Final Project submission and discussion	6	
15- Final Project submission and discussion	6	
Total of 1st semester	**90**	

Topic Actually taught in the 2nd semester	No. of hours	Lecturer
16- Stairs, elevators and escalators (an overview of the design, types and requirements)	6	Dr. Mohamed Al Essawy& Dr. Haitham Samir
17- Concrete stairs	6	
18- Steel stairs	6	
19- Special stairs	6	
20- Door types, operation, hardware & finishes.	6	
21- Window types, operation, hardware & finishes.	6	
22- Finish work and flooring (Gypsum plaster and Cement plaster or stucco, Ceramic tiles, Marble, wood, Terrazzo and stone flooring)	6	
23- Suspended ceilings and raised floors	6	
24- Bathroom space, plumbing fixtures and details	6	
25- Wall Sections and cladding (Precast concrete panels, Masonry veneer, Metal cladding)	6	
26- Glazed curtain walls and systems	6	
27- skylight details	6	
28- Revision and guidelines for preparing working detailing sheets and the final project	6	
29- Final Project submission and discussion	6	
30- Final Project submission and discussion	6	
Total of 2nd semester	**90**	

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic Non

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

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and data show

Practical training/ laboratory: Non

Seminar/Workshop: Non

Class activity:

Working drawing Exercises.

Researches: Yes

Other assignments/homework: Bi-weekly drawing sheets

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	40 %
Oral examination	**----**
Project	24 %
Periodical drawing sheets	24 %
Mid-Term Exam	12 %
Total	**100 %**

Members of examination committee Dr. Mohamed Al Essawy
Dr. Haitham Samir

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

None

6- Student evaluation of the course:	**Response of course team**
List any criticisms	
Copy and paste detail drawings have been appeared among the students giving unfair evaluation.	Student evaluation system is to be central at some point to control this phenomenon

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

None

8- Course enhancement:
Progress on actions identified in the previous year's action plan:

Actions required	Completion
Eight different case study projects have to be identified and schematically delineated.	Done in the 1st week of the semester
A time schedule has to be formulated for periodical sketches as well as final project delivery	Done in the 1st week of the semester
A clear arrangement of student groups has to be identified and declared to all the students from the beginning. Each group is likely to have a different project, and will be directed by one of the appointed teaching assistants.	Done in the1st week of the semester
A digital documentation of student's projects is required as a part of the digital library initiated by the department	Partially completed

Action State whether or not completed and give reasons for any non-completion:
Digital documentation has been partially completed due to the time it takes and it is recommended that an administrative person has to join the department for this work.

9- Action plan for academic year 2011 – 2012

Actions required	Completion date	Person responsible
Eight different case study projects have to be identified and schematically delineated.	1st week of the semester	Course coordinator
A time schedule has to be formulated for periodical sketches as well as final project delivery	1st week of the semester	Course coordinator
A clear arrangement of student groups has to be identified and declared to all the students from the beginning. Each group is likely to have a different project, and will be directed by one of the appointed teaching assistants.	1st week of the semester	Senior teaching assistant
More various researches is to be given during the 2nd term for the students beside the weekly drawing sheets to get more acquainted of the new systems, materials relevant to construction methods. And to give more evaluation weight for this researches.	2nd semester	Course coordinator
A digital documentation of student's projects is required as a part of the digital library initiated by the department	Annually	Senior teaching assistant

Course coordinator: Dr. M. Haitham Samir
Signature:

Date: August 2011

Annual Course Report
Academic year 2010-2011

A- Basic Information

1- Title and code :(A441) Technical Installation in Buildings-a
2- Program(s) on which this course is given: Architectural engineering
3- Year/Level of program: Fourth Year
4- Unit hours
Lectures 2 hrs Tutorial 2 hrs Practical ---- Total 4 hrs
5- Names of lecturers contributing to the delivery of the course
Dr. M. El-Essawy
Course coordinator Dr. M. El-Essawy
External evaluator

B- Statistical Information

No. of students attending the course: **No.** 330 **%** 100

No. of students completing the course: **No.** 327 **%** 99.0

Results:

	No.	%
Passed	304	93
Failed	23	7

Grading of successful students:

	No.	%
Excellent	63	19.3
Very Good	50	15.3
Good	59	18
Pass	132	40.4

C- Professional Information
1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Principles of light. Principles of heat.	4	Dr. M. El-Essawy
• Nature of light. Nature of heat.	4	
• Nature of vision. Thermal load on buildings.	4	
• Measurement of lighting. U – values.	10	
• Thermal load upon building envelope.	6	
• Artificial lighting. Lamps & Luminaries.	4	
• Heat gain \ loss in buildings.	4	
• Artificial Lighting costs & design.	6	
• Solar air temperature.	2	
• Heat gain \ loss in buildings.	4	
• Natural light sources.	4	
• Thermal insulation.	4	
• Daylight factors &Combined lighting.	4	
Total	**60**	

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic Non

If any topics were taught which are not specified, give reasons in detail Non, all of the missed teaching hours were substituted.

2- Teaching and learning methods:

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

Practical training/ laboratory: Non

Seminar/Workshop:

Two Seminars were arranged by the students:

(e) Artificial lighting in buildings.
(f) Methods of heat transfer in buildings.

Class activity:

Technical installation drawings & details in buildings.

Case Study: Lighting in administration building

Other assignments/homework: Every two weeks

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	20 %
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee Dr. M. El-Essawy

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

6- Student evaluation of the course: List any criticisms	**Response of course team**
(a) It is recommended to increase the teaching hours of this course	The teaching hours are determined by the curriculum approved by the supreme council of higher institutes

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

None

8- Course enhancement:

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

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

9- Action plan for academic year 2011– 2012

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

Course coordinator: Dr M. El-Essawy

Signature:

Date: August 2011

Annual Course Report
Academic year 2010-2011

A- Basic Information

1- Title and code: (A442) Technical Installation in Buildings-b
2- Program(s) on which this course is given: Architectural engineering
3- Year/Level of program: Fourth Year
4- Unit hours
Lectures 2 hrs Tutorial 2 hrs Practical ---- Total 4 hrs
5- Names of lecturers contributing to the delivery of the course
Dr. M. El-Essawy
Course coordinator Dr. M. El-Essawy
External evaluator

B- Statistical Information

No. of students attending the course: **No.** 330 **%** 100
No. of students completing the course: **No.** 327 **%** 99.0

Results:

	No.	%
Passed	308	94.2
Failed	19	5.8

Grading of successful students:

	No.	%
Excellent	61	18.7
Very Good	53	16.2
Good	51	15.6
Pass	143	43.7

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Principles of sound. Principles of sanitary installations.	4	Dr. M. El-Essawy
• Nature of sound. Sanitary installation in buildings.	4	
• Sound levels.	4	
• Sources of water & Water treatment.	4	
• Attenuation of sound.	2	
• Nature of hearing.	2	
• Water supply in buildings.	4	
• Measurement of sound & noise.	4	
• Drainage systems.	4	
• Noise control & transfer.	4	
• Waste water treatment &Under ground water tanks.	4	
• Fire fighting in buildings.	2	
• Electricity installation in buildings.	2	
• Acoustic principles.	4	
• Absorption & Reflection of sound.	4	
• Fire alarm in buildings.	2	
• Air control in buildings & HVAC systems.	4	
• Reverberation of sound.	2	
Total	**60**	

Topics taught as a percentage of the content specified:

>90 % 100 **70-90 %** **<70%** ….

Reasons in detail for not teaching any topic Non

If any topics were taught which are not specified, give reasons in detail Non, all of the missed teaching hours were substituted.

2- Teaching and learning methods:

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

Practical training/ laboratory: Non

Seminar/Workshop:

Two Seminars were arranged by the students:

(g) Drainage systems in buildings.
(h) Building acoustics.

Class activity:

Technical installation drawings & details in buildings.

Case Study: Sound insulation in administration building

Other assignments/homework: Every two weeks

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	20 %
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee Dr. M. El-Essawy

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

6- Student evaluation of the course: **List any criticisms**	**Response of course team**
(a) It is recommended to increase the teaching hours of this course	The teaching hours are determined by the curriculum approved by the supreme council of higher institutes

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

Non

8- Course enhancement:
Progress on actions identified in the previous year's action plan: Non

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

9- Action plan for academic year 2011 – 2012

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

Course coordinator: Dr M. El-Essawy

Signature:

Date: August 2011

Annual Course Report

Academic Year 2010-2011

A- Basic Information

1- Title and code:(A451) City Planning & Housing(1)-a

2- Program(s) on which this course is given: Architecture Engineering and building Technology

3- Year/Level of program: Fourth Year, 1st semester

4- Unit hours

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

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

Dr. Mohamed Mostafa Abd El Hafeez

Course coordinator Dr. Mohamed Mostafa Abd El Hafeez

External evaluator

B- Statistical Information

No. of students attending the course: **No.** -330- -100-%

No. of students completing the course: **No.** -328- 99.3-%

Results:

	No.	%
Passed	322	95.2
Failed	16	4.1

Grading of successful students:

	No.	%
Excellent	11	3.4
Very Good	44	13.4
Good	53	16.2
Pass	204	62.2

C- Professional Information

1 – Course teaching

Topic	No. of hours	Lecturer
• Planning definition , elements & level	4	Dr. Mohamed Mostafa Abd El Hafeez
• Thinking methodology	4	
• Thinking methodology	4	
• Site analysis studies	4	
• Site analysis studies (GIS Application)	4	
• Following up the project (GIS Application)	4	
• Following up the project (GIS Application)	4	
• Following up the project (GIS Application)	4	
• Evaluating site analysis studies	4	
• Simian on neighbor hoods (Introducing neighbor hoods)	4	
• Following up the alternatives + Evaluation	4	
• Following up the alternatives + Evaluation	4	
• Evaluating alternatives	4	
• Semi final presentation (Following up the project)	4	
• Final Presentation	4	
Total hours	**60**	

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic

None

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

None

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and data show

Practical training/ laboratory:

Seminar/Workshop: -yes

Class activity:
exercises, , quizes,

Researches: yes

Other assignments/homework: weekly assignments

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

None

3- Student assessment:

Method of assessment	**Percentage of total**
Weekly assignments	10%
Researches	10%
Oral discussion	10%
Mid-term exam	10%
Project	20%
final exam	40%
Total	100 %

Members of examination committee : Dr. Mohamed Mostafa Abd El Hafeez

Role of external evaluator None

4- Facilities and teaching materials:

Totally adequate yes

Adequate to some extent ----

Inadequate .....

List any inadequacies
None

5- Administrative constraints

List any difficulties encountered
None

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

1.
2.

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

8- Course enhancement:

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

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

9- Action plan for academic year 2011 – 2012

	Actions required	Completion date	Person responsible
1.			
2.			

Course coordinator: Dr. Mohamed Mostafa Abd El Hafeez

Signature:

Date: August 2011

Annual Course Report

Academic Year 2010-2011

A- Basic Information

1- Title and code:(A452)City Planning & Housing(1)-b

2- Program(s) on which this course is given: Architecture Engineering and building Technology

3- Year/Level of program: Fourth Year, 2nd semester

4- Unit hours

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

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

Dr. Mohamed Mostafa Abd El Hafeez

Course coordinator Dr. Mohamed Mostafa Abd El Hafeez

External evaluator

B- Statistical Information

No. of students attending the course: **No.** -330- -100-%

No. of students completing the course: **No.** -327- 99.0-%

Results:

	No.	%
Passed	310	94.8
Failed	17	4.2

Grading of successful students:

	No.	%
Excellent	42	12.8
Very Good	44	13.5
Good	68	20.8
Pass	156	47.7

C- Professional Information

1 – Course teaching

Topic	No. of hours	Lecturer
• Planning elements & introducing the project	4	Dr. Mohamed Mostafa Abd El Hafeez
• Site analysis studies (Revision on GIS)	4	
• Site analysis studies	4	
• Site analysis studies (following up the project)	4	
• Following up the site analysis studies & evaluation	4	
• Following up the site analysis studies & evaluation	4	
• Following up the site analysis studies & evaluation	4	
• Evaluating the site analysis studies	4	
• Solving strategies (following up the alternatives)	4	
• Solving strategies (following up the alternatives)	4	
• Solving strategies (following up the alternatives)	4	
• Evaluating alternatives	4	
• Evaluating alternatives	4	
• Semi-final presentation (following up the project)	4	
• Final presentation	4	
Total hours	**60**	

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic

None

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

None

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and data show

Practical training/ laboratory:

Seminar/Workshop: -yes

Class activity:

exercises, , quizes,

Researches: yes

Other assignments/homework: weekly assignments

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

None

3- Student assessment:

Method of assessment	**Percentage of total**
Weekly assignments	10%
Researches	10%
Oral discussion	10%
Mid-term exam	10%
Project	20%
final exam	40%
Total	100 %

Members of examination committee Dr. Mohamed Mostafa Abd El Hafeez

Role of external evaluator None

4- Facilities and teaching materials:

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

List any inadequacies
None

5- Administrative constraints

List any difficulties encountered
None

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

1.
2.

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

8- Course enhancement:

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

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

9- Action plan for academic year 2011 – 2012

	Actions required	Completion date	Person responsible
1.			
2.			

Course coordinator: Dr. Mohamed Mostafa Abd El Hafeez

Signature:

Date: August 2011

Annual Course Report

Academic Year 2010-2011

A- Basic Information

1- Title and code :(A461) Project Management

2- Program(s) on which this course is given: Architecture Engineering and building Technology

3- Year/Level of program: Fourth Year, 1st semester

4- Unit hours

Lectures 3hrs Tutorial --hrs Practical --- Total 3 hrs

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

Dr. Mohamed Mostafa, eng. Islam Hamdy
Course coordinator Dr. Mohamed Mostafa
External evaluator

B- Statistical Information

No. of students attending the course: **No.** 330 100%

No. of students completing the course: **No.** 328 99.3%

Results:

	No.	%
Passed	290	95.8
Failed	14	4.2

Grading of successful students:

	No.	%
Excellent	92	28
Very Good	56	17.2
Good	54	16.5
Pass	112	34.1

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Introduction to Construction Industry	3	
• Bid Study	3	
• Unbalanced Bids	5	
• Project Case Study (Tender Project)	3	
• Project Planning	6	
• Project Scheduling	3	
• Project Scheduling	2	
• Time Reduction	3	
• Time management	3	
• Financial Management	3	
• Financial Management	3	
• Resource Management	6	
• Resource Management	3	
Total hours	**45**	

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic
None

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

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and data show

Practical training/ laboratory:
projects

Seminar/Workshop: -----

Class activity:
exercises, , quizes, Discussions, computer applications

Researches: ---

Other assignments/homework: weekly assignments

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

None

3- Student assessment:

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

Members of examination committee Dr. Mohamed Mostafa
Role of external evaluator None

4- Facilities and teaching materials:

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

List any inadequacies
None

5- Administrative constraints

List any difficulties encountered
None

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

1.
2.

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

8- Course enhancement:

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

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

9- Action plan for academic year 2011– 2012

	Actions required	Completion date	Person responsible
1.			
2.			

Course coordinator: Dr. Mohamed Mostafa

Signature:

Date: August 2011

Annual Course Report

Academic Year 2010-2011

A- Basic Information

1- Title and code :(A462) Foundations

2- Program(s) on which this course is given: Architecture Engineering and building Technology

3- Year/Level of program: Fourth Year, 2nd semester

4- Unit hours

Lectures 3hrs Tutorial --hrs Practical --- Total 3 hrs

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

Dr. AdhamElAlfy, eng. Mohamed Gobara, eng. Tamer Selim

Course coordinator Dr. AdhamElAlfy

External evaluator

B- Statistical Information

No. of students attending the course: **No.** 330 100%

No. of students completing the course: **No.** 328 99.3%

Results:

	No.	%
Passed	311	94.9
Failed	17	5.1

Grading of successful students:

	No.	%
Excellent	36	11
Very Good	55	16.8
Good	64	19.5
Pass	156	47.6

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Introduction to Soil Mechanics	3	
• Soil Exploration	3	
• Soil classification	3	
• Physical properties of soil	3	
• Mechanical properties	3	
• Active soil pressure	3	
• Compaction of soil	3	
• Bearing Capacity of the types of soil	3	
• Foundation introduction	3	
• Design of isolated square footing	3	
• Design of isolated rectangular footing	3	
• Design of combined footing	3	
• Design of raft foundation	3	
• Deep foundation	3	
• Deep foundation	3	
Total hours	**45**	

Topics taught as a percentage of the content specified:

>90 % 100 **70-90 %** **<70%** ….

Reasons in detail for not teaching any topic
None

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

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and data show

Practical training/ laboratory:
None

Seminar/Workshop: ------

Class activity:
exercises, , quizes, Discussions,

Researches: yes

Other assignments/homework: weekly assignments

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

None

3- Student assessment:

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

Members of examination committee Dr. AdhamElAlfy

Role of external evaluator None

4- Facilities and teaching materials:

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

List any inadequacies
None

5- Administrative constraints

List any difficulties encountered
None

6- Student evaluation of the course: **List any criticisms**	**Response of course team**
Too much data to be given to an architect	This is the least knowledge to be taken

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

8- Course enhancement:

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

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

9- Action plan for academic year 2011 – 2012

	Actions required	Completion date	Person responsible
1.			
2.			

Course coordinator: Dr. AdhamElAlfy

Signature:

Date: August 2011

Annual Course Report

Academic Year 2010-2011

A- Basic Information

1- Title and code:(A471) Elective Course-1(housing of …)

2- **Program(s) on which this course is given:** Architecture Engineering and building Technology

3- Year/Level of program: Fourth Year, 1st semester

4- Unit hours

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

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

Dr. Walaa Nour

Course coordinator: Dr. Walaa Nour

External evaluator

B- Statistical Information

No. of students attending the course: **No.** -330- -100-%

No. of students completing the course: **No.** -330- 100-%

Results:

	No.	%
Passed	325	98.5
Failed	5	1.5

Grading of successful students:

	No.	%
Excellent	16	4.8
Very Good	50	15.2
Good	109	33
Pass	150	45.5

C- Professional Information

1 – Course teaching

Topic	No. of hours	Lecturer
1- User's participation US. Policy of centralization	2	Dr. Walaa Nour
2- John Turners US rod burgess	2	
3- Users participation in dueling	2	
4- Cases of users participation outside Egypt	2	
5- Cases of users participation outside Egypt	2	
6- Main elements in dwelling process	2	
7- Turner's Concepts and his main issues	2	
8- Recent dwelling approach in Egypt	2	
9- Recent dwelling approach in Egypt	2	
10- Quantitative proprieties of dwelling sectors	2	
11- Quantitative proprieties of dwelling sectors	2	
12- Quantitative proprieties of dwelling sectors	2	
13- Quantitative proprieties of dwelling sectors	2	
14- Dwelling Levels	2	
15- Dwelling Levels	2	
Total hours	**30**	

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic

None

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

None

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and data show

Practical training/ laboratory:

Seminar/Workshop: -yes

Class activity:
exercises, , quizes,

Researches: yes

Other assignments/homework: weekly assignments

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

None

3- Student assessment:

Method of assessment	**Percentage of total**	
Weekly assignments	10%	5 points
Researches	10%	5 points
Mid-Term exam	10%	5 points
Final exam	70%	35 points
Total	**100%**	**50 points**

Members of examination committee: Dr. Walaa Nour

Role of external evaluator None

4- Facilities and teaching materials:

Totally adequate yes

Adequate to some extent ----

Inadequate .....

List any inadequacies
None

5- Administrative constraints

List any difficulties encountered
None

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

1.
2.

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

8- Course enhancement:

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

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

9- Action plan for academic year 2011 – 2012

	Actions required	Completion date	Person responsible
1.			
2.			

Course coordinator: Dr. Walaa Nour

Signature:

Date: August 2011

Annual Course Report

Academic Year 2010-2011

A- Basic Information

1- Title and code :(A472) Elective Course2 (Conservation)

2- Program(s) on which this course is given: Architecture Engineering and building Technology

3- Year/Level of program: Fourth Year, 2nd semester

4- Unit hours

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

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

Dr. Asamer zakrya

Course coordinator Dr. Asamer zakrya

External evaluator

B- Statistical Information

No. of students attending the course: **No.** -330- -100-%

No. of students completing the course: **No.** -330- 100-%

Results:

	No.	%
Passed	330	99.4
Failed	2	0.6

Grading of successful students:

	No.	%
Excellent	5	1.5
Very Good	26	7.9
Good	64	19.4
Pass	233	70.6

C- Professional Information

1 – Course teaching

Topic	No. of hours	Lecturer
General introduction on renovation	2	Dr.Asamer Zakrya
Ismailia projects	2	
Ismailia projects	2	
Projects analysis	2	
Helwan project	2	
Helwan project	2	
Projects analysis	2	
Asyout projects	2	
syout projects	2	
Projects analysis	2	
Projects analysis	2	
Researches	2	
Researches	2	
Difference between projects	2	
Difference between projects	2	
Total hours	**30 hours**	

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic

None

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

None

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and data show

Practical training/ laboratory:

Seminar/Workshop: -yes

Class activity:

exercises, , quizes,

Researches: yes

Other assignments/homework: weekly assignments

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

None

3- Student assessment:

Method of assessment	Percentage of total
Weekly assignments	10%
Researches	10%
Mid-term exam	10%
Project	10%
final exam	60%
Total	100 %

Members of examination committee : Dr.Asamer Zakrya

Role of external evaluator None

4- Facilities and teaching materials:

Totally adequate yes

Adequate to some extent ----

Inadequate .....

List any inadequacies
None

5- Administrative constraints

List any difficulties encountered
None

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

1.
2.

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

8- Course enhancement:

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

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

9- Action plan for academic year 2011 – 2012

	Actions required	Completion date	Person responsible
1.			
2.			

Course coordinator: Dr. Asamer Zakrya

Signature:

Date: August 2011

Annual Course Report

Academic Year 2010-2011

A- Basic Information

1- Title and code:(A481) (A482) *Modular Coordination-(a-b)*

2- Program(s) on which this course is given: Architecture Engineering and building Technology

3- Year/Level of program: Fourth Year, 1st semester

4- Unit hours

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

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

Dr. MuossaShouman, eng. Islam Hamdy

Course coordinator Dr. MuossaShouman

External evaluator

B- Statistical Information

No. of students attending the course: **No.** -330- -100-%

No. of students completing the course: **No.** -328- 99.3-%

Results:

	No.	%
Passed	326	98.7
Failed	2	0.6

Grading of successful students:

	No.	%
Excellent	64	19.5
Very Good	81	24.7
Good	89	27.1
Pass	92	28.1

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Measurements & units	12	
• SI system	8	
• Module concepts	16	
• Types of modules	24	
Total hours	**60**	

Topics taught as a percentage of the content specified:

>90 % 100 **70-90 %** **<70%** ….

Reasons in detail for not teaching any topic

None

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

None

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and data show

Practical training/ laboratory:

Seminar/Workshop: -yes

Class activity:
exercises, , quizes,

Researches: yes

Other assignments/homework: weekly assignments

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

None

3- Student assessment:

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

Members of examination committee Dr. MuossaShouman

Role of external evaluator None

4- Facilities and teaching materials:

Totally adequate yes

Adequate to some extent ----

Inadequate .....

List any inadequacies
None

5- Administrative constraints

List any difficulties encountered
None

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

1.
2.

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

8- Course enhancement:

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

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

9- Action plan for academic year 2011 – 2012

	Actions required	Completion date	Person responsible
1.			
2.			

Course coordinator: Dr. Muossa Shouman

Signature:

Date: August 2011

Annual Course Report

Academic Year 2010-2011

A- Basic Information

1- Title and code :(A491) (A492) Building Economics-a-b

2- Program(s) on which this course is given: Architecture Engineering and building Technology

3- Year/Level of program: Fourth Year, 2nd1st semester

4- Unit hours

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

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

Dr. Muossa Shouman, eng. Islam Hamdy

Course coordinator Dr. MuossaShouman

External evaluator

B- Statistical Information

No. of students attending the course: **No.** ---330- -100%

No. of students completing the course: **No.** -328--- -99.4--%

Results:

	No.	%
Passed	321	95.3
Failed	15	4.1

Grading of successful students:

	No.	%
Excellent	44	13.4
Very Good	51	15.5
Good	65	19.8
Pass	153	46.6

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Economic principals	12	
• Supply & demand	16	
• Resources	16	
• Costs	16	
Total hours	**60**	

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic

None

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

None

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and data show

Practical training/ laboratory:

Seminar/Workshop: -yes

Class activity:
exercises, , quizes,

Researches: yes

Other assignments/homework: weekly assignments

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

None

3- Student assessment:

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

Members of examination committee Dr. MuossaShouman

Role of external evaluator None

4- Facilities and teaching materials:

Totally adequate **yes**

Adequate to some extent **----**

Inadequate .....

List any inadequacies
None

5- Administrative constraints

List any difficulties encountered
None

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

1.
2.

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

8- Course enhancement:

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

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

9- Action plan for academic year 2011– 2012

	Actions required	Completion date	Person responsible
1.			
2.			

Course coordinator: Dr. MuossaShouman

Signature:

Date: August 2011

5th year Architecture

	Code	Course
1	A511	Architectural Design(4)-a
	A512	Architectural Design(4)-b
2	A521	Working Drawing & Construction Documents(2)-a
	A522	Working Drawing & Construction Documents (2)-b
3	A531	Urban Design(a)
4	A532	Urban Design(b)
5	A541	City Planning(2)-a
	A542	City Planning(2)-b
6	A551	History &Theory of Architecture (4)
7	A552	Elective Course (4)-(Economics)
8	A561	Elective Course(3) (urban renewal)
9	A562	Final Graduation Project
10	A571	Modern System Building Materials
11	A572	Laws & Regulations for engineering
12	A581	Quantities & Contracts -a
	A582	Quantities & Contracts -b

Annual Course Report

Academic year 2010-2011

A- Basic Information

1- Title and code: (*A511-512): Architectural design (4)* A, B

2- Program(s) on which this course is given: Architecture Engineering and Building Technology

3- Year/Level of program: 5th year Arch. Eng., 1st&2nd semester

4- Unit hours

Lectures 6 hrs Tutorial - Practical - Total 6 hrs

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

Dr. Ibrahim gouda .

Dr. GhadaRehan, Dr. RehamMomtaz, Dr. AsamerZakaria, Dr. HossamAbdulazia

Course coordinator: Dr. Ibrahim gouda

External evaluator: - Non

B- Statistical Information

No. of students attending the course: **No.** 295 100%

No. of students completing the course: **No.** 287 97.3%

Results:

	No.	%
Passed	265	89.8%
Failed	30	10.2%

Grading of successful students:

	No.	%
Excellent	15	5.2%
Very Good	35	12.2%
Good	51	17.8%
Pass	164	57.1%

C- Professional Information

1 – Course teaching

Topic Actually taught in the 1st semester	No.of hours	Lecturer
• Introduction : 1st project(----------)		Dr. Ibrahim gouda . Dr. GhadaRehan Dr. RehamMomtaz, Dr. AsamerZakaria , Dr. hossam
• Site analysis and site model	6	
• Mosses & analytic study	6	
• Layout	6	
• Concept development	6	
• Master plan (zoning – organization)	6	
• Plans pollutions (circulation)	6	
• Development and final Plans	6	
• Level Study (sections)	6	
• Elevations design	6	
• Interiors and details	6	
• Landscape-3D Perspective or isometric	6	
• interiors - details and presentation	6	
• Introduction : 2nd project(----------)	6	
• Design Concept and Plans	6	
• Development and final Plans	6	
• Sections- Elevations& 3D Models	6	
• Final Submission and Project Discussion	6	
Total of 1st term	**90 hrs**	
Topic Actually taught in the 2nd semester	**No.of hours**	
• Introduction : 3rd project(----------)		
• Site analysis and site model	6	
• Mosses & analytic study	6	
• Layout	6	
• Concept development	6	
• Master plan (zoning – organization)	6	
• Plans pollutions (circulation)	6	
• Development and final Plans	6	
• Level Study (sections)	6	
• Elevations design	6	
• Interiors and details	6	
• Landscape-3D Perspective or isometric	6	
• interiors - details and presentation	6	
• Introduction : 4th project(----------)	6	
• Design Concept and Plans	6	
• Development and final Plans	6	
• Sections- Elevations& 3D Models	6	
• Final Submission and Project Discussion	6	
Total of 2nd term	**90 hrs**	
Academic Year Total hours	**180**	

Topics taught as a percentage of the content specified:

>90 %	100	70-90 %		<70%	….

Reasons in detail for not teaching any topic Non

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

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board& General criticism & presentations,

Practical training: Site visits

Seminar/Workshop: Seminars for researches

Class activity:

Design Exercises, quizzes & sketches&3d objects

Case Study: project

Other assignments/homework: Bi-weekly drawing sheets

If teaching and learning methods were used other than those specified, list and give reasons:
site visits for free hand sketching

3- Student assessment:

Method of assessment	Percentage of total
Final examination	40%
Other assignments/class work	50%
Mid-Term Exam	10 %
Total	100 %

Members of examination committee Dr. Ibrahim gouda

Dr. GhadaRehan Dr. RehamMomtaz,

Dr. AsamerZakaria

, Dr. hossam

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

- The drawing tables aren't suitable for freehand sketching

6- Student evaluation of the course:	**Response of course team**
More references and books are to be provided.	Recommending a list of books and relevant references to the students.

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

8- Course enhancement:

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

Actions required	**Planned Completion date**	**Accomplishment**
The projects have to be identified through a clear program and given design determinants	Completed in the 1st & 8th week of the 1st and 2nd semester subsequently	-
A clear arrangement of student groups has to be identified and declared to all the students from the beginning. Each group is likely to have a different design determinants and problem than the other, and will be directed by one of the teaching assistants.	Completed in the 1st week of the semester -	

Action State whether or not completed and give reasons for any non-completion Non2

9- Action plan for academic year 2011 – 2012

Actions required	Completion date	Person responsible
Four projects have to be identified through a clear program and given design determinants	1st & 8th week of the 1st and 2nd semester subsequently	Course coordinator
A clear arrangement of student groups has to be identified and declared to all the students from the beginning. Each group is likely to have a different design determinants and problem than the other, and will be directed by one of the teaching assistants.	1st week of the semester	Senior teaching assistant
Arranging a year exhibition for students work in order to induce a self learning process and competition among the students	10th week of the 2nd semester -	Teaching assistants -

Course coordinator: Dr. Ibrahim Gouda

Signature:

Date: August 2011

Annual Course Report

Academic year 2010-2011

A- Basic Information

1- Title and code :(**A521-A522**) Working Drawing & Construction Documents

2- Program(s) on which this course is given: Architecture Engineering and building Technology

3- Year/Level of program: fifth Year, 1st& 2nd semesters

4- Unit hours

Lectures 6 hrs Tutorial --hrs Practical --- Total 6 hrs

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

Dr. MagdyTammam Dr. Mohamed El Essawyeng.BasantMasoud
eng. Sherif El Saied eng.RashaMousaeng.AmiraSamy
Course coordinator : Dr. MagdyTammam
External evaluator :
Head of the Department : Prof. Dr. HanySerag El Din.

B- Statistical Information

No. of students attending the course: **No.** 295 100 %

No. of students completing the course: **No.** 287 97.3 %

Results:

	No.	%
Passed	273	92.6
Failed	22	7.4

Grading of successful students:

	No.	%
Excellent	33	11.5
Very Good	42	14.6
Good	58	20.2
Pass	140	48.8

C- Professional Information

1 – Course teaching

Topic Actually Taught	Lecture hours	Tutorial hours	Lecturer
• Revision and Working drawings importance	6		Prof. Dr. MagdyTammam& Dr. Mohamed El Essawy
• Project Determination and Preparing software	6		
• . Layout Working Drawing studies	12		
• Plans (advanced working Drawings studies).	12		
• Advanced structure systems (meshes – trusses – shell -cables-space structures)	6		
• Advanced Escalators , Stairs and Elevators designing and construction studies	6		
• Methods of choosing and applying advanced finishing materials using (green materials)	6		
• Special doors "revolving – sliding – electrical ……"& Windows (Curtain walls - aluminum glassing systems)	6		
• Sections (advanced working drawing studies) .	6		
• Advanced roofing and skylight systems	6		
• Theater and cinema design in plan and section	6		
• Sport and lecture halls (vision – sound – light – A. C.)	6		
• Elevations for complex and high-tech buildings	6		
1st Semester Total hours	**90**		
• Drawing sanitary, electrical, mechanical networks and facilities (Symbols - theories - construction)	6		
• Stairs work shop drawings	6		
• Bathes work shop drawings	6		
• Project & Quality control (checklists and revision methods)	6		
• Project & Defectives Correction	6		
• Presentation and defense for working drawing project.	6		
• Revision on 1st term	6		
• Site Documentations	12		
• Site Documentations	6		
• Cost analysis	6		
• Cost estimation	6		
• Tender documents "Quality control – ADM …"	6		
• Tender recommendations "owner designer …… "	6		
• Recapitulation	6		
2nd Semester Total hours	**90**		
Academic Year Total hours	**180**		

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic Non

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

all of the missed teaching hours were substituted, in addition to the seminars arranged during the students free day.

2- Teaching and learning methods:

Lectures:

1- Traditional lecturing using the white board and illustration methods and tools.
2- Working drawings project
3- Class and Homework exercises.
4- Market and sites researches
5- Case studies, solution of problems.

Seminar/Project:

* Working drawings for High-tech Complex Project as a case study.
* Advanced Structure Systems Research .
* Advanced Building materials - market research
  - Interior and Exterior Finishing materials and applying methods.
  - Roofing's.
  - Land-Scape.
  - Green Materials .
  - LEED Rating systems .

Class activity:

1st Semester

1 –Tools

Assignments & term papers to measure:	Content of A1 to A5, B1 to B4, C2 to C4 and D1 to D3
Mid-Term exam to measure	Content of items A1 to A3, B1 to B3 and C1 to C3
Practical exams to measure	Content of A1 to A3 , C2 and C3
Final written exam to measure	Non for the first term

2 -Time schedule:

Assignments and term papers	Bi-weekly class and home exercises .
Mid-term exam	At class
Practical exam	Non
Final exam	Non

3- Grading system

Attendance	10	points	
Assignments and term papers	20	points	
Researches	10	points	
Mid-term exam	10	points	at class
Practical exam	-	points	
Final exam	-	points	
Total	50	points	

2nd Semester

1 – Tools

Assignments & term papers to measure:	Content of A1 to A5, B1 to B4, C1 to C4 and D1 to D3
Mid-Term exam to measure	Content of items A1 to A3, B1 to B3 and C1 to C3
Practical exams to measure	Content of A1 to A3 , C2 and C3
Final written exam to measure	Content of A1 to A5, B1 to B4, C1 to C5 and D1 to D3

2 - Time schedule:

Assignments and term papers	Bi-weekly class and home exercises.
Mid-term exam	Eighth week
Practical exam	Fifteenth Week
Final exam	Sixteenth week

3 - Grading system

Attendance	10 points
Assignments and term papers	20 points
Researches	10 points
Mid-term exam	10 points
Practical exam (project)	20 points
Total 2nd term	**70** points
Final exam	80 points
Total	1st and 2nd Semesters = 200 points

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	40 %
Oral examination	----
Practical/laboratory work	0 %
Other assignments/class work	50%
Mid-Term Exam	10 %
Total	100 %

Members of examination committee **Dr. MAGDY TAMMAM**

Dr . Mohamed El Essawy

Role of external evaluator None

4- Facilities and teaching materials:

- Design studio equipped with drawing boards, overhead projector and Data show.
- Resources available in the library.
- Computer lab with CAD software and Internet connection.
- Field and Construction sites visits and up-to-date materials researches .

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
(a)	It is recommended to increase the teaching hours of this course	The teaching hours are determined by the curriculum approved by the supreme council of higher institutes
(b)	It is recommended to add more teaching hours for the seminars and consider it in the evaluation	The seminars are evaluated by additional degrees included in the teacher opinion

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

None

8- Course enhancement:

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

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

9- Action plan for academic year 2011 – 2012

Actions required	Completion date	Person responsible
None		

Course coordinator: Prof. Dr. MagdyTammam

Signature:

Date: **August 2011**

Annual Course Report
Academic Year 2010-2011

A- Basic Information

1- **Title and code:**(A531) Urban Design -a
2- Program(s) on which this course is given: Architecture Engineering and building Technology
3- Year/Level of program: Fifth Year, 1st semester
4- Unit hours
Lectures 3hrs Tutorial -hrs Practical --- Total 3 hrs
5- Names of lecturers contributing to the delivery of the course
Dr. Walaa Nour
Course coordinator Dr. Walaa Nour

External evaluator

B- Statistical Information

No. of students attending the course: **No.** 295 100 %

No. of students completing the course: **No.** 287 97.3 %

Results:

	No.	%
Passed	285	99.3%
Failed	2	0.7%

Grading of successful students:

	No.	%
Excellent	42	14.6%
Very Good	69	24%
Good	81	28.2%
Pass	93	32.4%

C- Professional Information

1 – Course teaching

Topic	No. of hours	Lecturer
• Introduction	3	Dr. Walaa Nour
• Urban design &urban planning 1 - project	3	
• Urban design &urban planning 2 - project	3	
• Urban character 1 - project	3	
• Urban character 2 - project	3	
• Urban fabric 1- project	3	
• Urban fabric 2 - project	3	
• Visual perception - project	3	
• Urban space 1 - project	3	
• Urban space 2 - project	3	
• Façade analysis - project	3	
• Urban development - project	3	
• Landscape elements 1 - project	3	
• Landscape elements 2 - project	3	
• Site analysis - project	3	
Total hours	**45**	

Topics taught as a percentage of the content specified:

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

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

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and data show

Practical training/ laboratory:

Seminar/Workshop: -yes

Class activity:
exercises, , quizes,

Researches: yes

Other assignments/homework: weekly assignments

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

None

3- Student assessment:

Method of assessment	**Percentage of total**
Weekly assignments	10%
Researches	10%
Oral discussion	10%
Mid-term exam	10%
Project	20%
final exam	40%
Total	100 %

Members of examination committee : Dr. Walaa Nour

Role of external evaluator None

4- Facilities and teaching materials:

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

5- Administrative constraints

List any difficulties encountered

None

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

List any criticisms

1. None
2.

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

None

8- Course enhancement:

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

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

None

9- Action plan for academic year 2011 – 2012

Actions required	Completion date	Person responsible
1. None		
2.		

Course coordinator: Dr. Walaa Nour
Signature:

Date: August 2011

Annual Course Report
Academic Year 2010-2011

A- Basic Information

1- Title and code:(A532) Urban Design -b
2- Program(s) on which this course is given: Architecture Engineering and building Technology
3- Year/Level of program: Fifth Year, 1st semester
4- Unit hours
Lectures 3hrs Tutorial -hrs Practical --- Total 3 hrs
5- Names of lecturers contributing to the delivery of the course
Dr. Walaa Nour
Course coordinator Dr. Walaa Nour

External evaluator

B- Statistical Information

No. of students attending the course: **No.** 295 100 %

No. of students completing the course: **No.** 286 97 %

Results:

	No.	%
Passed	284	99.3%
Failed	2	0.7%

Grading of successful students:

	No.	%
Excellent	21	7.3%
Very Good	53	18.5%
Good	68	23.8%
Pass	142	49.7%

C- Professional Information

1 – Course teaching

Topic	No. of hours	Lecturer
• Urban design process 1	3	Dr. Walaa Nour
• Urban design process 2 - project	3	
• Theories of urban design - project	3	
• Urban regulations 1 – project	3	
• Urban regulations 2 – project	3	
• Urban analysis 1 - project	3	
• Urban analysis 2 - project	3	
• Site design 1 - project	3	
• Site design 2 - project	3	
• Urban field 1 - project	3	
• Urban field 2 - project	3	
• Urban landscape elements - project	3	
• Project	3	
• Project	3	
• Project	3	
Total hours	**45**	

Topics taught as a percentage of the content specified:

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

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

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and data show

Practical training/ laboratory:

Seminar/Workshop: -yes

Class activity:
exercises, , quizes,

Researches: yes

Other assignments/homework: weekly assignments

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

None

3- Student assessment:

Method of assessment	**Percentage of total**
Weekly assignments	10%
Researches	10%
Oral discussion	10%
Mid-term exam	10%
Project	20%
final exam	40%
Total	100 %

Members of examination committee : Dr. Walaa Nour

Role of external evaluator None

4- Facilities and teaching materials:

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

5- Administrative constraints

List any difficulties encountered

None

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

List any criticisms

1. None
2.

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

None

8- Course enhancement:

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

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

None

9- Action plan for academic year 2011 – 2012

Actions required	Completion date	Person responsible
1. None		
2.		

Course coordinator: Dr. Walaa Nour
Signature:

Date: August 2011

Annual Course Report
Academic Year 2010-2011

A- Basic Information

1- Title and code:(A541,A542) *City Planning(2)-a*,b

2- Program(s) on which this course is given: Architecture Engineering and building Technology

3- Year/Level of program: Fifth Year, 1st ,2nd semesters

4- Unit hours

Lectures 6hrs Tutorial -hrs Practical --- Total 6 hrs

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

Prof. Dr. Samy El Zieny

Course coordinator Prof. Dr. Samy El Zieny

External evaluator

B- Statistical Information

No. of students attending the course: **No.** 295 100 %

No. of students completing the course: **No.** 287 97.3 %

Results:

	No.	%
Passed	284	99 %
Failed	3	1 %

Grading of successful students:

	No.	%
Excellent	6	2.1%
Very Good	31	10.8%
Good	71	24.7%
Pass	176	61.3%

C- Professional Information

1 – Course teaching

Topics 1st Semester	No. of hours	Lecturer
• Planning regions in Egypt	6	Prof. Dr. Samy El Zieny
• Planning regions in Egypt	6	
• Planning regions in Egypt	6	
• Historians and development approaches	6	
• Historians and development approaches	6	
• Natural resources in Egypt	6	
• Natural resources in Egypt	6	
• Sustainable development	6	
• Sustainable development	6	
• Getting maps for menout city	6	
• Getting maps for menout city	6	
• Getting maps for menout city	6	
• Getting maps for menout city	6	
• Report about el sadat city	6	
• Report about el sadat city	6	
Total hours of 1st semester	90	
Topics 2nd Semester	**Lecture hours**	
• Comparing the current situation and the suggested situation for el sadat city	6	
• Comparing the current situation and the suggested situation for el sadat city	6	
• Comparing the current situation and the suggested situation for el sadat city	6	
• Explaining concepts of overall	6	
• Explaining concepts of overall	6	
• Explaining concepts of overall	6	
• Development sustainable development ways of development	6	
• Development sustainable development ways of development	6	
• Development sustainable development ways of development	6	
• Development sustainable development ways of development	6	
• Explaining the balanced development the unbalanced development	6	
• Explaining the balanced development the unbalanced development	6	
• Explaining the balanced development the unbalanced development	6	
• Make planning alternatives	6	
Total hours of 2nd semester	90	

Topics taught as a percentage of the content specified:

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

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

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and data show

Practical training/ laboratory:

Seminar/Workshop: -yes

Class activity:
exercises, , quizes,

Researches: yes

Other assignments/homework: weekly assignments

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

None

3- Student assessment:

Method of assessment	**Percentage of total**
Weekly assignments	10%
Researches	10%
Oral discussion	10%
Mid-term exam	10%
Project	20%
final exam	40%
Total	100 %

Members of examination committee : Prof. Dr. Samy El Zieny

Role of external evaluator None

4- Facilities and teaching materials:

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

5- Administrative constraints

List any difficulties encountered
None

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

1. None
2.

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

None

8- Course enhancement:

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

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

9- Action plan for academic year 2011 – 2012

	Actions required	Completion date	Person responsible
1.	None		
2.			

Course coordinator: Prof. Dr. Samy El Zieny

Signature:

Date: August 2011

Annual Course Report

Academic year 2010 - 2011

A- Basic Information

1- Title and code: (**A551**) History & Theory of Architecture (4)

2- Program(s) on which this course is given:
Architectural Engineering and Building Technology

3- Year/Level of program: Fifth Year

4- Unit hours

Lectures 4 hrs Tutorial Practical Total 4 hrs

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

Dr. / RehamMomtaz

Course coordinator: Dr. / RehamMomtaz

External evaluator: Non

B- Statistical Information

No. of students attending the course: **No. 295 % 100**

No. of students completing the course: **No. 290 % 98.91**

Results:

	No.	%
Passed	**270**	**91.5**
Failed	**25**	**8.5**

Grading of successful students:

	No.	%
Excellent	**33**	**11.4**
Very Good	**45**	**15.5**
Good	**49**	**16.9**
Pass	**143**	**49.3**

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturers
• General introduction for the course	4	Dr. RehamMomtaz
• **Mechanical analogy**:Futurism - De stijl-Constructivism – Expressionism	4	
• **Architecture of Modernism Analyzing characteristics of:** International Style / SIAM Group /Organic Architecture / Functions	4	
• **Continue- Architecture of Modernism:** **Analyzing landmark projects of the Pioneer:** *Frank Lloyd Write / Le Corbusier*	4	
• **Continue- Architecture of Modernism:** **Analyzing landmark projects of the Pioneers***Mies van der Rohe / Walter Gropius*	4	
• **Architecture of Late Modernism** **Analyzing characteristics of:**Expressionism / Brutalism **Analyzing projects of American Architects:** *Paul Rudolph / Lois Khan / Alvar Alto*	4	
• **Continue- Architecture of Late Modernism:** Metabolism / Archigram **Analyzing projects of the Japanese Architects:***KenzoTange / KishoKurokawa*	4	
• **Continue- Architecture of Late Modernism:** Trend of Hi-Tech Architecture **Analyzing landmark projects of Architects:** *Richard Rogers / Renzo Piano /Norman Foster / Nicolas Grimshow***.**	4	
• **Architecture of Post Modernism :**Neo Classicism / Historicism / Revivalism /Metaphors **Analyzing projects of the American Architects:** *Robert Venturi / Philip Johnson /Charles Moore/ Michael Graves*	4	
• **Continue- Architecture of Post Modernism:** Trend of Deconstruction Architecture **Analyzing landmark projects of Architect**: *Daniel Libeskind*	4	
• **Continue- Architecture of Post Modernism:** Trend of Deconstruction Architecture **Analyzing landmark projects of Architect**: *Frank O' Gehry / ZahaHadid / Bernard Tshumi*	4	
• **Continue- Architecture of Deconstruction** **Analyzing landmark projects of Architects**: *Peter Eisenman Maya Lynn /Coop Himmilblau*	4	
• **Digital Presentation of the Final Researches**: (Jury) : *Staff's Criticism / Evaluation for each Student*	4	
• **Continue Students' Digital Presentation** of the their Researches	4	
Total hours	60	

Notice: Week7 is the date of Mid-Term Exam – took lecture of 2 hrs

Topics taught as a percentage of the content specified:

>90 % [100] **70-90 %** **<70%** [….]

Reasons in detail for not teaching any topic: Non

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

2- Teaching and learning methods:

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

Practical training/ laboratory: ----

Seminar/Workshop: Yes

Class activity:

Quizes (Drawing Sketches) + presenting digital researches by Data Show

Researches: Yes

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**
Practical Year work (Quizes, Researches & Attendance)	**30 %**
Final examination	**70 %**
Total	**100 %**

Members of examination committee: Dr. / Reham Momtaz

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:

Limitation of number of data show in the principal building

6- Student evaluation of the course:	Response of course team
(a) It is recommended to give us the complete drawings of all chosen projects given in the course to be able to study them more easily and not to make more efforts to search for them through internet sites.	This problem had been solved by presenting the complete drawings of all the given projects in presentation of each lecture. In addition, The course team give some projects (not mentioned in the course book) to let the students search for them on purpose to be good excavators for the certain data

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

None

8- Course enhancement:

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

Actions required	Planned Completion date	Accomplishment
1. Hang the excellent (Kept-Records) of researches in determined time	Sept. 2011	In Action -----

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

9- Action plan for academic year 2011 – 2012

Actions required	Completion date	Person responsible
1. None		

Course coordinator: **Dr. Reham Momtaz**

Signature:

Date: **August 2011**

Annual Course Report

Academic Year 2010 - 2011

A- Basic Information

1- Title and code: A552: Elective Course (Aesthetics of the composition)

2- Program(s) on which this course is given: Architecture Engineering and Building Technology

3- Year/Level of program: 5nd year/1st

4- Unit hours

Lectures 2 hrs Tutorial - hrs Practical - Total 2 hrs

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

Course coordinator.Dr Amir Mostafa

External evaluator

B- Statistical Information

No. of students attending the course: **No.** 295 **%** 100

No. of students completing the course: **No.** 291 **%** 98.6

Results:

	No.	%
Passed	288	97.6
Failed	7	2.4

Grading of successful students:

	No.	%
Excellent	43	14.8
Very Good	42	14.4
Good	83	28.5
Pass	120	41.2

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
1-Sources of Architectural Aesthetics	2	
2-Channels of Architectural Aesthetics	2	
3- Introduction (spatial-tension-intterlocking-harmony-gradtion-contrast)	2	
4-Formal approachinl (dominance -regetition balance)	2	
5-Values and order for Architectural Aesthetics	2	
6-Unity and continuity	2	
7-Repose-scale- rhythm-proportions	2	
8-Theories geometric form	2	
9-Organic morphology-sculpturesque form	2	
10-The principles of the Aesthetics of composition in Architectural and art	2	
11-Relations between art and Architectural	2	
12-Intellctual of historical Architectural and technological	2	
13-Structural technological	2	
14-Research for Architectural Aesthetics project	2	
15-Research evaluation	2	
Total	30	

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic Non

If any topics were taught which are not specified, give reasons in detail Non, all of the missed teaching hours were substituted, in addition to the seminars arranged during the students free day.

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and overhead projector

Practical training/ laboratory:

Class activity:

Drawing sheets. Freehand sketches

Researches: Field study research, Library research

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**
Final examination	40 %
Oral examination	5%
Drawing sheets	40 %
Researches	5 %
Mid-Term Exam	10 %
Total	**100 %**

Members of examination committee Dr Amira Mostafa

Role of external evaluator Non

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**

None

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

None

8- Course enhancement:

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

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

9- Action plan for academic year 2011 – 2012

Actions required	Completion date	Person responsible
None		

Course coordinator: Dr Amira Mostafa

Signature:

Date: August 2011

Annual Course Report

Academic year 2010-2011

A- Basic Information

1- Title and code:A 561: Urban and Environmental Conservation

2- Program(s) on which this course is given: Architectural Engineering and Building Technology

3- Year/Level of program: Fifth Year, 2nd semester

4- Unit hours

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

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

Dr. Asamer Zakaria

Course coordinator: Dr. Asamer Zakaria

External evaluator

B- Statistical Information

No. of students attending the course: **No.** 295 **%** 100

No. of students completing the course: **No.** 288 **%** 97.6

Results:

	No.	%
Passed	283	95.9
Failed	12	4.1

Grading of successful students:

	No.	%
Excellent	11	3.8
Very Good	49	17
Good	75	26
Pass	148	51.4

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
1- Introduction to the field of urban and environmental conservation. (General definitions, terms, fundamentals and theories)	2	Dr. Asamer Zakaria
2- Urban Conservation of Heritage sites.	2	
3- Issues and problems facing heritage sites	2	
4- The role of international institutions.	2	
5- A critical review of the international restoration and conservation charters	2	
6- Local and International Laws and rules concerning cultural heritage	2	
7- Cultural Heritage and Local Economic Development	2	
8- The role of participation and community involvement in Conservation	2	
9- urban revitalization of historic areas	2	
10- Rehabilitation of historic buildings	2	
11- Conservation economics and the debate between cultural and economic values	2	
12- The significance of public intervention in heritage	2	
Total	**30**	

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic None

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

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and data show

Practical training/ laboratory: None

Seminar/Workshop: None

Class activity: Open discussions

Researches: Yes

Other assignments/homework: None

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

3- Student assessment:

Method of assessment	**Percentage of total**
Written examination	60 %
Oral examination	**----**
Project	**----**
Other assignments/class work	15 %
Mid-Term Exam	25 %
Total	**100 %**

Members of examination committee Dr. Asamer Zakaria

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**

None

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

None

8- Course enhancement:

None

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

9- Action plan for academic year 2011 – 2012

Actions required	**Completion date**	**Person responsible**
Digital copies of the student's work have to be documented as a part of the digital library initiative in the department.	Annually	Senior teaching assistant

Course coordinator: Dr. Asamer Zakaria

Signature:

Date: **August 2011**

Annual Course Report

Academic year 2010-2011

A- Basic Information

1- Title and code: (**A562**) Final Graduation Project

2- Program(s) on which this course is given:
Architectural Engineering and Building Technology

3- Year/Level of program: Fifth Year

4- Unit hours

Lectures 6 hrs Tutorial Practical Total 6 hrs

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

- Prof. Dr. Hany Serag El-Din
- Prof. Dr. Adel Yaseen
- Prof. Dr. Ibrahim Madany
- Prof. Dr. Baher Soliman
- Prof. Dr. Abd El Rahman Abd ElNaeem
- Dr. Mona ElBasyouni

Course coordinators: **(Prof. Dr. Hany Serag El-Din)**

External evaluator: Professors of Architecture & Urban Planning

- - - (General Committee):

- Prof. Dr. Hisham Sameh
- Prof. Dr. Mostafa Abdelhafiz
- Prof. Dr. Hany Serag El-Din
- Prof. Dr. Ehab Okba
- Prof. Dr. Magdy Tamam

- - - (Chairs of Jury-Halls):

- Prof. Dr. Hisham Aref
- Prof. Dr. Medhat Mahfouz
- Prof. Dr. Samy Al-Zainy
- Prof. Dr. Aly Al-Hosseny
- Prof. Dr. Ibrahim Madany
- Prof. Dr. Eman EidAttia
- Prof. Dr. Mohammed Abd-albaky
- Prof. Dr. Hanaa Shokry
- Prof. Dr. Tamer Akmal
- Prof. Dr. Abdelrahman Abdelnaiem
- Dr. NahedOmran
- Dr. Mona Elbassiouni
- Dr. Anaheed Waked
- Dr. RehamMomtaz
- Dr. Mohammed Al-Essawy
- Dr. Haitham Samir
- Dr. Walaa Noor
- Dr. Mohammed Mostafa
- Dr. Hossam Moftah

B- Statistical Information

No. of students attending the course: **No. 295 % 100**

No. of students completing the course: **No. 284 % 96.3**

Results:

	No.	%
Passed	**283**	**95.9**
Failed	**12**	**4.1**

Grading of successful students:

	No.	%
Excellent	40	14.1
Very Good	69	24.3
Good	84	29.6
Pass	90	31.7

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturers
Week 1: Presentation of program development & analysis; site selection and analysis; similar projects and analysis.	**6**	Prof. Dr. Hany Serag El-Din ,Prof. Dr. Adel Yaseen Prof. Dr. Ibrahim Madany ,Prof. Dr. Baher Soliman Prof. Dr. Abd El Rahman Abd ElNaeem ,Dr. Mona ElBasyouni
Week 2: Zoning alternatives	**6**	
Week 3: Design alternatives and ideas and	**6**	
Week 4: 3D study model	**6**	
Week 5: Layout	**6**	
Week 6: Main plan	**6**	
Week 7: Other plans	**6**	
Week 8: Main section	**6**	
Week 9: Development of study model	**6**	
Week 10: Interaction and updating of model & drawings	**6**	
Week 11: Main elevations	**6**	
Week 12: Side elevations	**6**	
Week 13: Final 3D conceptions	**6**	
Week 14: Presentation phases rendering & delineation	**6**	
Week 15:(Jury is often being after second term exams) **Presentation phase : perspectives & computer animations**	**6**	
Total hours	**90**	

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic: None

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

2- Teaching and learning methods:

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

Practical training/ laboratory: ----

Seminar/Workshop: Yes

Class activity:

Quizes (Drawing Sketches) + presenting projects by the students' laptop

Researches: Yes

Other assignments/homework: Weekly assignments

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

3- Student assessment:

Method of assessment	**Percentage of total**
Practical Year work (Quizes, Researches & Attendance)	**60 %**
Final examination	**40 %**
Total	**100 %**

Members of examination committee:

The previous mentioned Professors of architecture consisted of both:

(General Committee) + (Chairs of Jury-Halls)

Role of external evaluator:

(50% of the examination committee is external evaluator)

The experience of the external evaluator is indispensable and his contribution in discussing the student fulfill the aim of the course beside making the evaluation more relevant to the academic norms in various universities and institutions

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**
(a)	It is recommended to increase the number of teaching assistants.	By Coordination with the department, This problem was solved by uploading more assistants in the graduation project
(b)	It is recommended to decrease the weight of the other subjects in the second term to give Graduation Project the whole care.	The department coordinates between the subjects' professors to unburden the students with loads and to save adequate time for the Graduation Project.

7- Comments from external evaluator(s):	**Response of course team**
It is useful to hang the old graduation projects in the corridors outside the drawing halls. This act will train will develop skills of younger generations	Old graduation projects inside the drawing halls were hanged for younger students to be able to learn from them.

8- Course enhancement:

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

Actions required	**Planned Completion date**	**Accomplishment**
Hang the excellent (Kept-Records) of old graduation-projects inside the drawing halls	Annually	Done
Make rich digital library contains all the graduation-projects to be good reference for the new students and to document works of our graduated students	September 2010	In Action -----

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

Digital documentation has been partially completed due to the time it takes and it is recommended that an administrative person has to join the department for this work.

9- Action plan for academic year 2011 – 2012

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

Course coordinators: (Prof. Dr. Hany Serag El-Din)

Signature:

Date: August 2011

Annual Course Report

Academic Year 2010-2011

A- Basic Information

1- Title and code :(A571) Modern Systems and Building Materials

2- Program(s) on which this course is given: Architecture Engineering and building Technology

3- Year/Level of program: 5th Year,1st semester

4- Unit hours

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

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

Dr. Aiman Ezzat

Course coordinator Dr. Aiman Ezzat

External evaluator

B- Statistical Information

No. of students attending the course: **No.** 295 100%

No. of students completing the course: **No.** 290 98.3%

Results:

	No.	%
Passed	284	96.3
Failed	11	3.7

Grading of successful students:

	No.	%
Excellent	104	35.9
Very Good	72	24.8
Good	56	19.3
Pass	52	17.9

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Basics of building system & material	4	Dr. Aiman Ezzat
• Relation slip between system & material	4	
• Concepts for material selections	4	
• Design of upgrading space finishing	4	
• Finishing	2	
• Properties of plain concrete	4	
• Properties of R. concrete	4	
• Calculations of R. concrete (steel)	4	
Total hours	**30**	

Topics taught as a percentage of the content specified:

>90 % 100 **70-90 %** **<70%** ….

Reasons in detail for not teaching any topic

None

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

None

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and data show

Practical training/ laboratory: site visits

Seminar/Workshop: yes

Class activity:

exercises, Discussions,

Researches: yes

Other assignments/homework: reports

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

3- Student assessment:

Method of assessment	Percentage of total
Final exam	70%
Semester work	20%
Mid term exam	10%

Total **100 %**

Members of examination committee Dr. Aiman Ezzat

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**
1. what is the relation between this course & architecture	A student of architecture should gain basic knowledge about civil eng. Courses for the interrelation between both work

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

None

8- Course enhancement:

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

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

None

9- Action plan for academic year 2011 – 2012

	Actions required	Completion date	Person responsible
1.	None		

Course coordinator: Dr. Aiman Ezzat

Signature:

Date: August 2011

Annual Course Report

Academic Year 2010 - 2011

A- Basic Information

1- Title and code :(A572) Laws and Regulations for Engineers

2- Program(s) on which this course is given: Architecture Engineering and buildingTechnology

3- Year/Level of program: 5th Year,2nd semester

4- Unit hours

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

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

Dr. Amira Abd El Aziz

Course coordinator Dr. Amira Abd El Aziz

External evaluator

B- Statistical Information

No. of students attending the course: **No.** 295 100%

No. of students completing the course: **No.** 289 98%

Results:

	No.	%
Passed	287	97.3%
Failed	8	2.7%

Grading of successful students:

	No.	%
Excellent	56	19.4
Very Good	61	21.1
Good	65	22.5
Pass	105	36.3

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Introduction on the professional and legal responsibilities of the architect	2	Dr. Amira Abd El Aziz
• Building Regulations	4	
• Legislations& rules for Building	4	
• Regulations for urban planning	2	
• Legislations& rules for urban planning	2	
• The architects' legal responsibilities	3	
• The contractors' legal responsibilities.	3	
• Relation Between the owners , the architect and the contractor	4	
• Principles of professional practice - Scope of work - Fees - Tenders	2	
• Contracts between owners and architect and between owner and contractor	2	
• Conclusion on the course	2	
Total hours	**30**	

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic None

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

2- Teaching and learning methods:

Lectures: Classical lecturing using the white board and data show

Practical training/ laboratory: ----

Seminar/Workshop: ----

Class activity:

exercises, Discussions,

Researches: ----

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
Final exam	70%
Term papers	20%
Mid term exam	10%
Total	100 %

Members of examination committee Dr. Amira Abd El Aziz

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**
1. theoretical course has no practical application	It is theoretical discussions, but it's deeply related to building & construction issues

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

None

8- Course enhancement:

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

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

None

9- Action plan for academic year 2011 – 2012

Actions required	Completion date	Person responsible
1. None		

Course coordinator: Dr. Amira Abd El Aziz

Signature:

Date: August 2011

Annual Course Report

Academic year 2010-2011

A- Basic Information

1- Title and code :(A581-582) Quantities & Contracts-a & b

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

3- Year/Level of program: Fifth Year

4- Unit hours

Lectures 3 hrs Tutorial ---- Practical ---- Total 3 hrs

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

Dr. M. El-Essawy, Dr Aiman Ezzat

Course coordinator Dr. M. El-Essawy

External evaluator

B- Statistical Information

No. of students attending the course: **No.** 295 **%** 100

No. of students completing the course: **No.** 287 **%** 97.3

Results:

	No.	%
Passed	286	96.9
Failed	9	3.1

Grading of successful students:

	No.	%
Excellent	56	19.5
Very Good	84	29.3
Good	70	24.4
Pass	76	26.5

C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Tender documents components.	3	Dr. M. El-Essawy , Dr Aiman Ezzat
• General & special conditions for engineering projects.	3	
• Structural drawings.	3	
• Fire fighting & sanitary drawings.	3	
• Fire alarm & electricity drawings.	3	
• HVAC works & drawings.	3	
• Ordinary & reinforced concrete specifications.	3	
• Ordinary & reinforced concrete BOQ.	3	
1st Semester Total hours	**45**	
Topic	**Lecture hours**	
• External & internal wall cladding.	3	
• Floor & skirting finishings.	3	
• Floor & skirting finishings.	3	
• False ceiling works.	3	
• Water proof & heat insulation works.	3	
• Handrail specifications & BOQ.	3	
• Types of stairs & finishing.	3	
• Door specifications & BOQ.	3	
• Window specifications & BOQ.	3	
• Curtain wall specifications & BOQ.	3	
• Special work specifications & BOQ.	3	
• Cost calculations for engineering projects.	3	
• Contracting methods.	3	
• Contracting methods.	3	
• Contracting methods.	3	
2nd Semester Total hours	**45**	
Academic Year Total hours	**90**	

Topics taught as a percentage of the content specified:

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

Reasons in detail for not teaching any topic None

If any topics were taught which are not specified, give reasons in detail Non, all of the missed teaching hours were substituted.

2- Teaching and learning methods:

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

Practical training/ laboratory: None

Seminar/Workshop:

One Seminar was arranged by the students:

(i) Ordinary & reinforced concrete.

Class activity:

Calculations of BOQ for structural works.

Case Study: Tender documents for administration building

Other assignments/homework: Every two weeks

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	20 %
Mid-Term Exam	10%
Total	**100 %**
Members of examination committee	Dr. M. El-Essawy ,Dr Aiman Ezzat
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

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

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

8- Course enhancement:

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

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

9- Action plan for academic year 2010 – 2011

Actions required	Completion date	Person responsible
None		

Course coordinator: Dr M. El-Essawy

Signature:

Date: August 2011