

# Architecture Engineering and Building Technology B.Sc.

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## Program Report By-Law 2000

2015 - 2016



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## Architectural Engineering and Building Technology

### PROGRAM REPORT

November 2016

#### 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. Mona El.Basyouni & Dr.Heba Mahrous
- 5- **External evaluator:**
  - **Prof. Hania M. Hamdy** : Vice Dean for Postgraduate Studies & Research  
Faculty of Engineering - Mataria-Helwan University.

6-**Year of operation:** 2001-2002

#### 2. Professional Information

##### 2.1 Statistic

- 1-No. of students starting the program at 2011 - 2012: 1405 (students accepted in the Academy the academic year 2010 - 2011 were 560 students with a ratio 250.8%)
- 2-Ratio of students` attending the program in 2015 - 2016 to those of accepted in the Academy the academic year 2014 - 2015 :  $251 / 479 = 0.52\%$
- 3-No. and percentage of students passing in each year/level/semester for the students graduated in 2015

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

Year		Number of students	No. of Students passing with (1:2 material)	No of passing Students	Percentage of passing students
Second	2012-2013	479	104	308	86 %
Third	2013-2014	447	75	317	87.5%
Fourth	2014-2015	448	67	335	89.7%
Fifth	2015-2016	419	37	372	97.6%

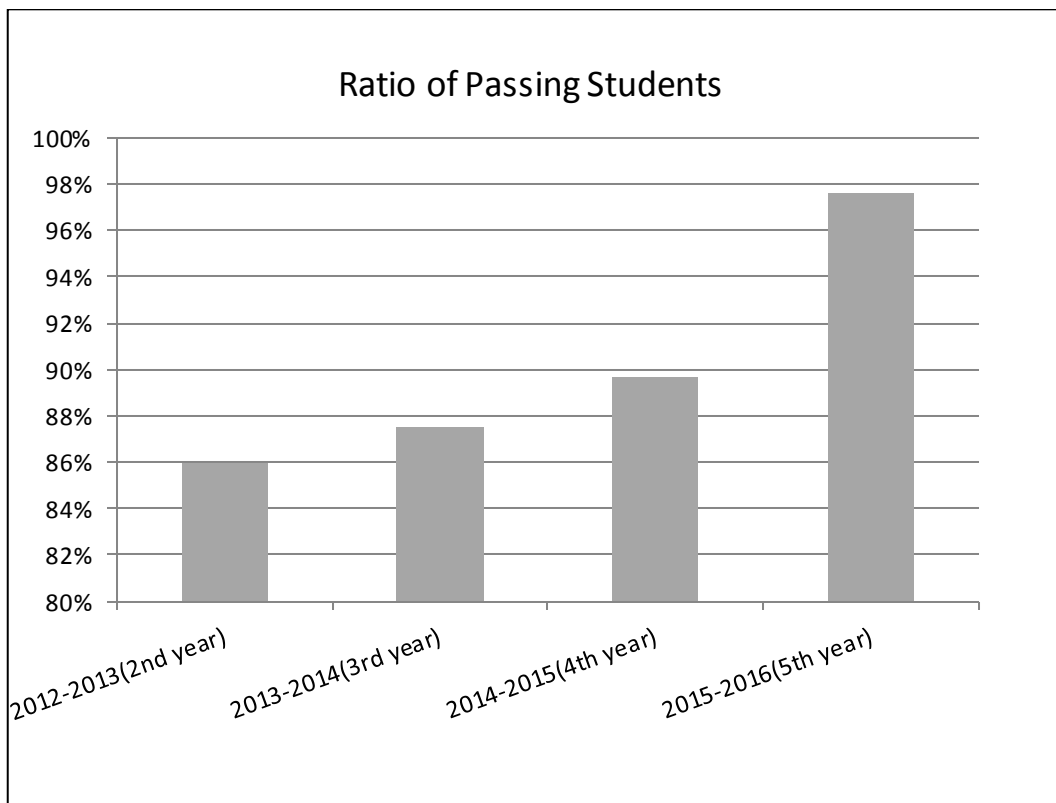


Figure (1): Ratio of students (graduated in 2016) passing in each year/level/semester

4-No. of students completing the program and as a percentage of those who started:  
 $419 / 479 = 87.47\%$

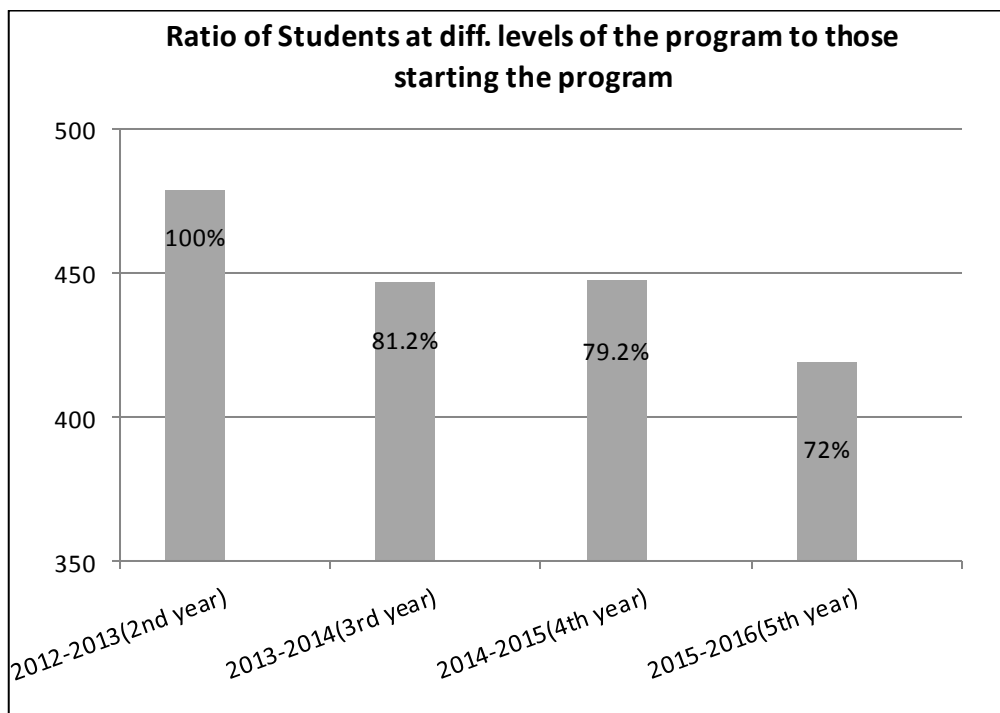


Figure (2): No. of students completing the program and as a percentage of those who started

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	Suffic.	N.Pure	Failed
2 <sup>nd</sup> year 2011-2012	479	44	131	109	24	104	67
%	100%	9.19%	27.35%	22.76%	5.01%	21.7%	13.98%
3 <sup>rd</sup> year 2012-2013	447	38	99	125	55	75	55
%	100%	8.5%	22.15%	28%	12.3%	16.8%	12.3%
4 <sup>th</sup> year 2013-2014	448	15	104	171	45	67	35
%	100%	3.35%	23.2%	38.17%	12.5%	15%	7.8%
5 <sup>th</sup> year 2014-2015	419	17	108	200	47	37	10
%	100%	4.06%	25.8%	47.7%	11.2%	8.83%	2.4%

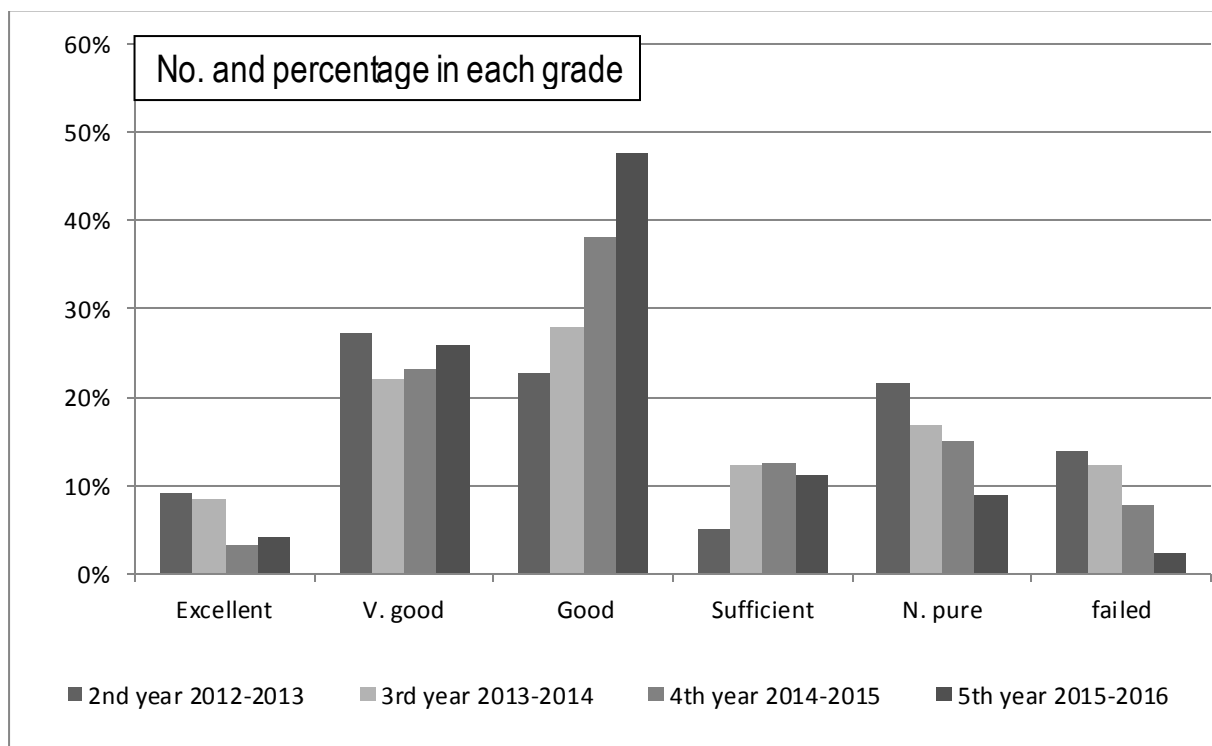


Figure (3): No. and percentage of students passing in each grade

Academic year	Number	Percentage
students joining the program on Sept 2016	419	100%
students completing the program at May 2016	372	88.78%
students completing the program at Nov 2016	4	0.95%
Total Number of students completing the program at 2016	Not available	

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

Year	Excellent		V. good		Good		Sufficient		N. pure		Failed	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
5 <sup>th</sup> year 2015-2016  (total 193students)  (171 students)	17	4.06%	108	25.8%	200	47.7%	47	11.2%	37	8.83	10	2.4%

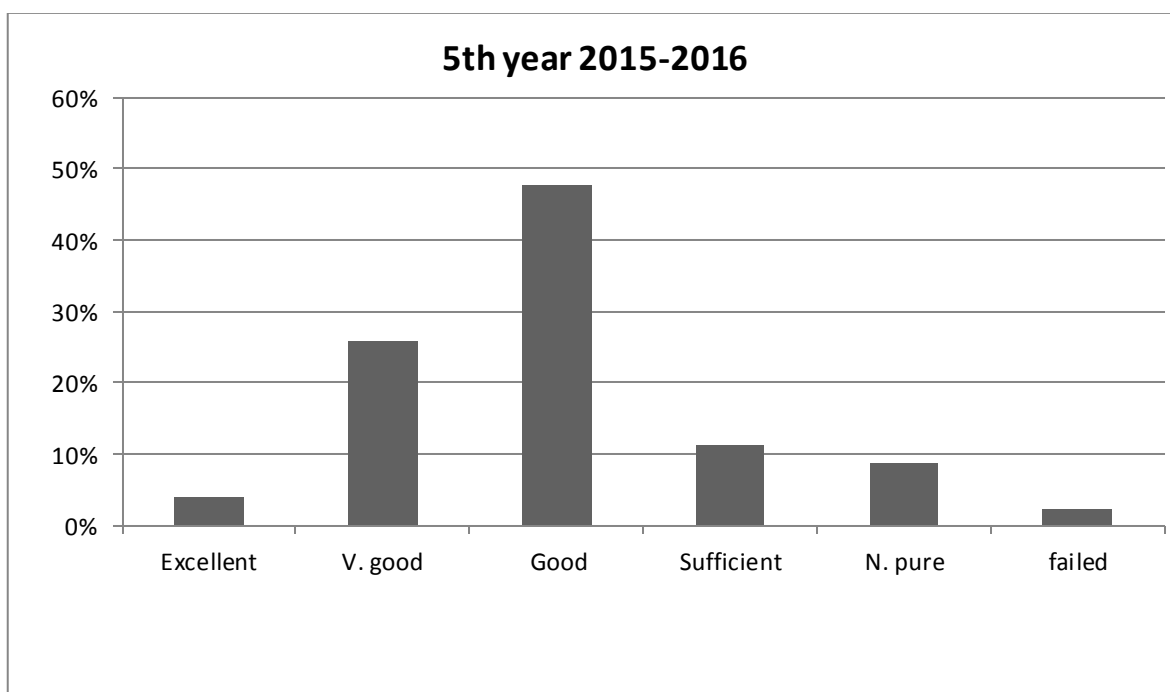


Figure (4): No. and percentage of students passing in each grade 5<sup>th</sup> year



## 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:

#### 5<sup>th</sup> year Architecture

Code	Course Name	Teaching Hours				Marking					Subject Area						
		Lectures	Exercises	Practical	Total hours	Wr. Exam Dur.	Year work	Practical Exam	Written Exam	Total	Hum. & Soc. Sc.	Math. & B. Sc.	B. Eng. Sc.	App. Eng. & Des.	Comp. App. & ICT	Proj. & Practice	Discretionary
A 511	Architectural Design(4)-a	6	-	-	6	-	-	-	-	-				4	1	1	
A 521	Working Dr.&Const Docum.(2)-a	6	-	-	6	-	-	-	-	-				2	2	2	
A 531	Urban Design(a)	3	-	-	3	3	60	-	40	100				2		1	
A 541	City Planning(2)-a	6	-	-	6	-	-	-	-	-				3	2	1	
A 551	History & Th.of Architecture (4)	4	-	-	4	3	30	-	70	100	4						
A 551	Elective Course (3)	2	-	-	2	3	15	-	35	50					2		
A 571	ModernSystemBuilding Materials	2	-	-	2	3	15	-	35	50							2
A 581	Quantities & Contracts -a	3	-	-	3	-	-	-	-	-		1					2
<b>Total</b>		<b>32</b>	<b>-</b>	<b>-</b>	<b>32</b>					<b>300</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>11</b>	<b>7</b>	<b>5</b>	<b>4</b>

Code	Course Name	Teaching Hours				Marking					Subject Area						
		Lectures	Exercises	Practical	Total hours	Wr. Exam Dur.	Year work	Practical Exam	Written Exam	Total	Hum. & Soc. Sc.	Math. & B. Sc.	B. Eng. Sc.	App. Eng. & Des.	Comp. App. & ICT	Proj. & Practice	Discretionary
A512	Architectural Design(4)-b	6	-	-	6	8	150	-	10	250				4	1	1	

									0									
A522	Working Dr.&Const. Docum.(2)-b	6	-	-	6	8	120	-	80	200				2	2	2		
A532	Urban Design(b)	3	-	-	3	3	60	-	40	100				2		1		
A542	City Planning(2)-b	6	-	-	6	6	60	30	60	150				3	2	1		
A552	Elective Course (4)	2	-	-	2	3	15	-	35	50							2	
A562	Final Graduation Project	6	-	-	6	-	180	120	-	300				2	2	2		
A572	Laws&regulations for engineering	2	-	-	2	3	15	-	35	50	2							
A582	Quantities & Contracts -b	3	-	-	2	3	30	-	70	100		1					2	
<b>Total</b>		<b>34</b>			<b>34</b>				<b>-</b>	<b>-</b>	<b>1200</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>13</b>	<b>7</b>	<b>7</b>	<b>4</b>

Code	Course Name	Knowledge & Understanding	Intellectual Skills	Practical & Professional Skills	General & Transferable Skills
		A	B	C	D
A511	Architectural Design(4)-a	A12,A13,A14, A20, A23	B3, B4, B14, B16, B19, B20, B21	C4, C13, C18, C19,C22	D2,D3,D7,D9
A512	Architectural Design(4)-b	A12, A14, A20,A23	B3, B4, B14, B16, B19, B20, B21	C4, C13, C18, C19,C22	D2,D3,D7,D9
A521	Working Dr.&Const. Docum.(2)-a	A3, A5, A6, A11,A12, A15, A16, A20, A21, A23, A24,A25	B9, B12, B13, B14, B15, B16, B18, B20, B22,B23 ,B24	C1, C10,C11, C12, C14, C15, C23,C24, C25	D1,D2,D3,D6,D7, D8
A522	Working Dr.&Const. Docum. (2)-b	A3, A5, A6, A11,A12, A15, A16, A20, A21, A23, A24,A25	B9, B12, B13, B14, B15, B16, B18, B20, B22,B23 ,B24	C1, C10,C11, C12, C14, C15, C23,C24, C25	D1,D2,D3,D6,D7, D8
A531	Urban Design(a)	A9, A16,A19	B10, B20	C13,C18,C19,C22	D1,D5
A532	Urban Design(b)	A11,A16	B13,B20	C8,C13,C17, C21,c22	D1,D5
A541	City Planning(2)-a	A11, A16, A17, A19	B10, B11,B19	C6,C20	D1,D2, D3, D5
A542	City Planning(2)-b	A11,A16,A17 , A19	B10,B11,B19	C6,C20	D1,D2,D3,D5

A551	History & Th.of Arch.(4)	A1, A3, A4, A7, A8, A9, A11,A14, A17	B14,B5, ,B16,B17,B19	C1, C2, C12, C13	D1, D2, D3, D4, D5, D7
A552	Elective Course (4)- (Aesthetics of the composition)	A13,A14,A16, A19	B1,B2,B4,B5,B18	C3,C9,C13,	D1,D2,D3,D7, D8
A561	Elective Course (3)(urban& environmental conservation)	A1, A11, A16, A17,A18,A19, A21	B18,B19, B21,	C17, C21,C22	D1,D7,D9
A562	Final Graduation Project	A4, A5, A8, A10, A11,A12, A13,A16, A17	B2,B3, B4, B13, B15, B17	C1, C2, C3, C4, C13,C22	D2,D3,D6,D7
A571	Modern System Build.Mat.	A2, A6, A13, , A24 , A25	B2, B9, B16 B22, B23	C2, C15	D3, D8,
A572	Laws&regulations for eng.	A7,A25	B11,B20	C1,C8	D6,D7
A581	Quantities & Contracts -a	A3, A5, A6, A8, A14,,A24,A25	B9,B17,B19,B22, B23	C3, C6, C8, C11, C15,C23,	D1,D2,D7
A582	Quantities & Contracts -b	A3, A5, A6, A8, A14,,A24,A25	B9,B17,B19,B22, B23	C3, C6, C8, C11, C15,C23,	D1,D2,D7

## 2 Student achievement

Graduated Students achievement through the program

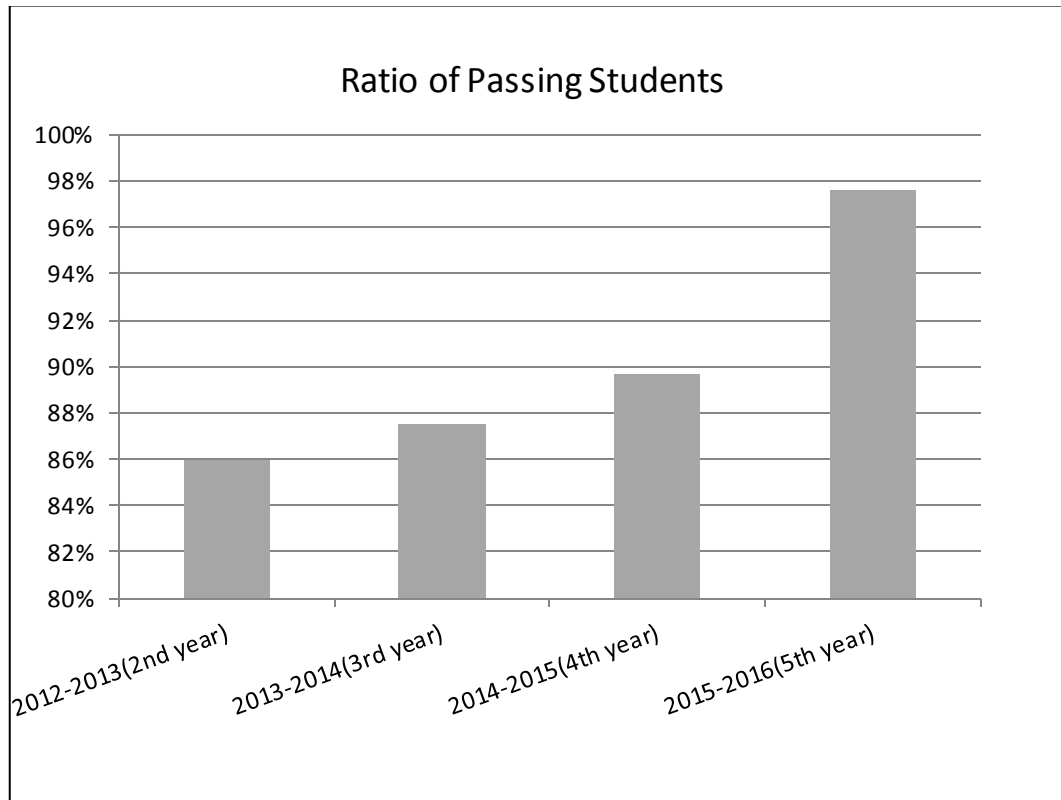


Figure (5): Graduated Students achievement through the program



## Appendix 1

# Annual Course Report

2015-2016

5<sup>th</sup> year Architecture

	Code	Course
52	A511	Architectural Design(4)-a
53	A512	Architectural Design(4)-b
54	A521	Working Drawing &Const. Documents.(2)-a
55	A522	Working Drawing &Const. Documents. (2)-b
56	A531	Urban Design(a)
57	A532	Urban Design(b)
58	A541	City Planning(2)-a
59	A542	City Planning(2)-b
60	A551	History &Theory of Architecture (4)
61	A552	Elective Course (4) Elective Course (Aesthetics of the composition)
62	A561	Elective Course(3)( Urban and Environmental Conservation)
63	A562	Final Graduation Project
64	A571	Modern System Building Materials
65	A572	Laws & regulations for engineering
66	A581	Quantities & Contracts -a
67	A582	Quantities & Contracts -b

## Annual Course Report

Academic year 2015 - 2016

### 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: 5<sup>th</sup> year Arch. Eng., 1<sup>st</sup>&2<sup>nd</sup> semester

#### 4- Unit hours

Lectures  Tutorial  Practical  Total

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

Dr. Mohammed Thabat - Dr. Assam Safi Eldin - Dr. Mostafa Abdelhafiz - Dr. Nahed - Dr. Walaa Nour -  
Dr. Engy Shawkt - Dr. Mohamed Nofal – Dr. Yasmeen Elsemary – Dr. Ehab Oakba

Course coordinator: Dr. Mohammed Thabat

External evaluator: - Non

### B- Statistical Information

No. of students attending the course: No.

No. of students completing the course: No.

#### Results:

	No.	%	Grading of successful students:	
Passed	409	98.31%	No.	%
Failed	7	1.68%	Excellent	42 10.1%
			Very Good	121 929.09%
			Good	138 33.17%
			Pass	108 25.96%



## C- Professional Information

### 1 – Course teaching

Topic Topic Actually taught in the 1 <sup>st</sup> semester	No.of hours	Lecturer
• Introduction : 1 <sup>st</sup> project( Modern Academy Facility Center)	6	Dr. Mohammed Thabat
• Site analysis and site model	6	
• Masses & analytic study	6	
• Layout	6	
• Concept development	6	
• Master plan ( zoning – organization )	6	
• Plans (circulation)	6	
• Development of Plans	6	
• Development and final Plans	6	
• Level Study ( sections )	6	
• Elevations design	6	
• Elevations development	6	
• Landscape-3D Perspective or isometric	6	
• Semi Final Presentation	6	
• Final Presentation	6	
<b>Total of 1<sup>st</sup> term</b>	<b>90 hrs</b>	

Topic Topic Actually taught in the 2 <sup>nd</sup> semester	No.of hours	Lecturer
• Introduction : 2nd project ( residential and retail complex)	6	Dr. Mohammed Thabat
• legislations as a determinant for Residential projects	6	
• Zoning and the importance of considering functional relationships	6	
• The residential floor plan and the core design	6	
• Plans development	6	
• The retail floor plan	6	
• The basement design	6	
• Development and final Plans	6	
• Level Study ( sections )	6	
• Elevations design	6	
• Elevations development	6	
• Interiors and details	6	
• Perspective or isometric	6	
• Semi Final submission	6	
• Final Submission and Project Discussion	6	
<b>Total of 2<sup>nd</sup> term</b>	<b>90 hrs</b>	

Topics taught as a percentage of the content specified:

>90 %  70-90 %  <70%

Reasons in detail for not teaching any topic Non

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

**2- Teaching and learning methods:**

**Lectures:**

**Practical training:**

**Seminar/Workshop:**

**Class activity:**

**Case Study:**

**Other assignments/homework:**

**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	<input type="text" value="40%"/>
Other assignments/class work	<input type="text" value="50%"/>
Mid-Term Exam	<input type="text" value="10 %"/>
<b>Total</b>	<b>100 %</b>

**Members of examination committee** Dr. Mohammed Thabat

**Role of external evaluator** Non

**4- Facilities and teaching materials:**

**Totally adequate**

**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**

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	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**    Non

**9- Action plan for academic year 2015– 2016**

<b>Actions required</b>	<b>Completion date</b>	<b>Person responsible</b>
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	10 <sup>th</sup> week of the 2 <sup>nd</sup> semester -	Teaching assistants -

**Course coordinator:** Dr. Mohammed Thabat

**Signature:**

**Date:** 2016

## Annual Course Report

Academic year 2015 - 2016

### 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, 1<sup>st</sup>& 2<sup>nd</sup> semesters

#### 4- Unit hours

Lectures  Tutorial  Practical  Total

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

Dr. MagdyTammam – Dr amr motasem

Course coordinator: Dr. MagdyTammam

External evaluator :

### B- Statistical Information

No. of students attending the course: No.

No. of students completing the course: No.

#### Results:

	No.	%
Passed	392	94.45
Failed	23	5.54

#### Grading of successful students:

	No.	%
Excellent	45	10.84
Very Good	103	24.82
Good	125	30.12
Pass	119	28.76

## C- Professional Information

### 1 – Course teaching

Topic Actually Taught	Lecture hours	Tutorial hours	Lecturer
• Revision and Working drawings importance	6		Prof. Dr. Magdy Tammam
• 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		
<b>1st Semester Total hours</b>	<b>90</b>		
• 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		
<b>2nd Semester Total hours</b>	<b>90</b>		
<b>Academic Year Total hours</b>	<b>180</b>		

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.
  - Landscape.



- 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	
<b>Total</b>	<b>50 points</b>	

2nd Semester

**1 – Tools**

<b>Assignments &amp; term papers to measure:</b>	Content of A1 to A5, B1 to B4, C1 to C4 and D1 to D3
<b>Mid-Term exam to measure</b>	Content of items A1 to A3, B1 to B3 and C1 to C3
<b>Practical exams to measure</b>	Content of A1 to A3 , C2 and C3
<b>Final written exam to measure</b>	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 2 <sup>nd</sup> term	<b>70</b> points
Final exam	80 points
Total	1 <sup>st</sup> and 2 <sup>nd</sup> 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	<input type="text" value="0 %"/>
Other assignments/class work	<input type="text" value="50%"/>
Mid-Term Exam	<input type="text" value="10 %"/>
Total	100 %

Members of examination committee Dr. Magdy T ammam

Role of external evaluator Non

#### 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

Adequate to some extent

Inadequate

List any inadequacies

#### 5- Administrative constraints

List any difficulties encountered

6- Student evaluation of the course:

Response of course team

List any criticisms

- |     |   |  |
|-----|---|--|
| (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

Non

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 Non

9- Action plan for academic year 2015 – 2016

Actions required

Completion date

Person responsible

Non

Course coordinator: Prof. Dr. Magdy Tamam

Signature:

Date: 2016

## Annual Course Report

Academic year 2015 – 2016

### 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, 1<sup>st</sup> semesters

4- Unit hours

Lectures  Tutorial  Practical  Total

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

Dr. walaa nour

### B- Statistical Information

No. of students attending the course: No.  %

No. of students completing the course: No.  %

Results:

	No.	%
Passed	426	100
Failed	0	0

Grading of successful students:

	No.	%
Excellent	47	11.03
Very Good	221	51.88
Good	111	26.06
Pass	47	11.03

## C- Professional Information

### 1 – Course teaching

Topic	Lecture hours
• Introduction	3
• 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
<b>Total hours</b>	<b>45</b>

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:

Practical training/laboratory:

Seminar/Workshop:

Class activity:

Researches:

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
Practical Year work (Quizzes, Researches & Attendance)	<input type="text" value="30 %"/>
Final examination	<input type="text" value="70 %"/>
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:

Limitation of number of data show in the principal building

6- Student evaluation of the course:

Response of course team

List any criticisms

(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



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		In Action -----

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

9- Action plan for academic year 2015– 2016

Actions required	Completion date	Person responsible
1. None		

**Course coordinator:** Dr. Walaa Nour

**Signature:**

**Date:**        2016

## Annual Course Report

Academic year 2015 – 2016

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, 1<sup>st</sup> semesters

4- Unit hours

Lectures  Tutorial  Practical  Total

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

Dr. walaa nour

### B- Statistical Information

No. of students attending the course: No.  %

No. of students completing the course: No.  %

Results:

	No.	%	Grading of successful students:		
			No.	%	
Passed	421	100			
Failed	0	0			
			Excellent	0	0
			Very Good	64	15.20
			Good	258	61.28
			Pass	99	23.52

## C- Professional Information

### 1 – Course teaching

Topic	Lecture hours
• Urban design process 1	3
• 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
<b>Total hours</b>	<b>45</b>

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: None

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

2- Teaching and learning methods:

Lectures:

Practical training/ laboratory:

Seminar/Workshop:

Class activity:

Researches:

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 (Quizzes, Researches & Attendance)	<input type="text" value="30 %"/>
Final examination	<input type="text" value="70 %"/>
Total	100 %

Members of examination committee: Dr. walaa nour

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

List any criticisms

(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

8- Course enhancement:

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

Actions required	Planned Completion date	Accomplishment
2. Hang the excellent (Kept-Records) of researches in determined time		In Action -----
Action State whether or not completed and give reasons for any non-completion		Non

9- Action plan for academic year 2015 – 2016

Actions required	Completion date	Person responsible
1. None		

**Course coordinator** Dr. Wala Nour

**Signature:**

Date: 2016

## Annual Course Report

Academic year 2015 - 2016

### A- Basic Information

1- Title and code: (A541-542) *City Planning (1-2)*

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  Tutorial Practical Total

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

Course coordinator: Dr/ Rasha Shabban – Dr / Sami El Zeni

External evaluator: Non

### B- Statistical Information

No. of students attending the course: No.  %

No. of students completing the course: No.  %

Results:

	No.	%	Grading of successful students:		
				No.	%
Passed	418	99.3			
Failed	3	0.7			
			Excellent	31	7.36
			Very Good	126	29.93
			Good	159	37.7
			Pass	102	24.23

## C- Professional Information

### 1 – Course teaching

Topic	Lecture hours
• Planning regions in Egypt	6
• 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
<b>Total hours</b>	<b>90</b>

Notice: Week7 is the date of Mid-Term Exam – took lecture of 2 hrs

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

2- Teaching and learning methods:

Lectures:

Practical training/laboratory:

Seminar/Workshop:

Class activity:

Researches:

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 (Quizzes, Researches & Attendance)	<input type="text" value="30 %"/>
Final examination	<input type="text" value="70 %"/>
Total	100 %

Members of examination committee: Dr / Rasha Shabban

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:

Limitation of number of data show in the principal building

6- Student evaluation of the course:

Response of course team

List any criticisms

(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

8- Course enhancement:

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

Actions required	Planned Completion date	Accomplishment
3. Hang the excellent (Kept-Records) of researches in determined time		In Action -----
Action State whether or not completed and give reasons for any non-completion		None

9- Action plan for academic year 2015 - 2016

Actions required	Completion date	Person responsible
1. None		

**Course coordinator:** Dr/ Rasha Shabban

**Signature:**

**Date:** 2016

## Annual Course Report

Academic year 2015 - 2016

### 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  Tutorial Practical Total

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

Course coordinator: Dr. Reham Momtaz

External evaluator: None

### B- Statistical Information

No. of students attending the course: No.  %

No. of students completing the course: No.  %

Results:

	No.	%	Grading of successful students:		
Passed	420	99.53	No.	%	
Failed	2	0.47	Excellent	205	48.58
			Very Good	125	29.62
			Good	44	10.43
			Pass	46	10.9

## C- Professional Information

### 1 – Course teaching

Topic Actually taught	No. of hours	Lecturers
<ul style="list-style-type: none"> <li>General introduction for the course</li> </ul>	4	Dr / Reham Morntaz
<ul style="list-style-type: none"> <li><b>Mechanical analogy:</b> Futurism- De stijl-Constructivism – Expressionism</li> </ul>	4	
<ul style="list-style-type: none"> <li><b>Architecture of Modernism Analyzing characteristics of:</b> International Style / SIAM Group / Organic Architecture / Functions</li> </ul>	4	
<ul style="list-style-type: none"> <li><b>Continue- Architecture of Modernism:</b> Analyzing landmark projects of the Pioneer: <i>Frank Lloyd Write / Le Corbusier</i></li> </ul>	4	
<ul style="list-style-type: none"> <li><b>Continue- Architecture of Modernism:</b> Analyzing landmark projects of the Pioneers <i>Mies van der Rohe / Walter Gropius</i></li> </ul>	4	
<ul style="list-style-type: none"> <li><b>Architecture of Late Modernism</b> Analyzing characteristics of: Expressionism/ Brutalism Analyzing projects of American Architects: <i>Paul Rudolph / Lois Khan / Alvar Alto</i></li> </ul>	4	
<ul style="list-style-type: none"> <li><b>Continue- Architecture of Late Modernism:</b> Metabolism / Archigram Analyzing projects of the Japanese Architects: <i>Kenzo Tange / Kisho Kurokawa</i></li> </ul>	4	
<ul style="list-style-type: none"> <li><b>Continue- Architecture of Late Modernism:</b> Trend of Hi-Tech Architecture Analyzing landmark projects of Architects: <i>Richard Rogers / Renzo Piano / Norman Foster / Nicolas Grimshow.</i></li> </ul>	4	
<ul style="list-style-type: none"> <li><b>Architecture of Post Modernism :</b> Neo Classicism / Historicism / Revivalism / Metaphors Analyzing projects of the American Architects: <i>Robert Venturi / Philip Johnson / Charles Moore / Michael Graves</i></li> </ul>	4	
<ul style="list-style-type: none"> <li><b>Continue- Architecture of Post Modernism:</b> Trend of Deconstruction Architecture Analyzing landmark projects of Architect: <i>Daniel Libeskind</i></li> </ul>	4	

<ul style="list-style-type: none"> <li>• <b>Continue- Architecture of Post Modernism:</b> Trend of Deconstruction Architecture  <b>Analyzing landmark projects of Architect:</b> <i>Frank O'Gehry/ ZahaHadid/ Bernard Tshumi</i></li> </ul>	4	
<ul style="list-style-type: none"> <li>• <b>Continue- Architecture of Deconstruction</b> <b>Analyzing landmark projects of Architects:</b> <i>Peter Eisenman</i> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <i>Maya Lynn/Coop Himmilblau</i></li> </ul>	4	
<ul style="list-style-type: none"> <li>• <b>Digital Presentation of the Final Researches:</b> (Jury) : <i>Staff's Criticism/ Evaluation for each Student</i></li> </ul>	4	
<ul style="list-style-type: none"> <li>• <b>Continue Students' Digital Presentation</b> of the their Researches</li> </ul>	4	
<b>Total hours</b>	<b>60</b>	

Notice: Week7 is the date of Mid-Term Exam – took lecture of 2 hrs

Topics taught as a percentage of the content specified:

>90 %  70-90 %  <70%

Reasons in detail for not teaching any topic: Non

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

## 2- Teaching and learning methods:

Lectures:

Practical training/laboratory :

Seminar/Workshop:

Class activity:

Researches :  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 (Quizzes, Researches & Attendance)	<input type="checkbox"/> 30 %
Final examination	<input type="checkbox"/> 70 %
Total	100 %

Members of examination committee: Dr. / Reham 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:

Limitation of number of data show in the principal building

6- Student evaluation of the course:

Response of course team

List any criticisms

(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

8- Course enhancement:

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

Actions required	Planned Completion date	Accomplishment
4. Hang the excellent (Kept-Records) of researches in determined time	Sept. 2010	In Action -----

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

9- Action plan for academic year 2015 – 2016



Actions required	Completion date	Person responsible
1. None		

**Course coordinator: Dr / Reham Momtaz**

**Signature:**

**Date: 2016**

## Annual Course Report

Academic Year 2015 - 2016

### 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  Tutorial  Practical  Total

#### 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.  %

No. of students completing the course: No.  %

#### Results:

	No.	%
Passed	414	97.9
Failed	9	2.1

#### Grading of successful students:

	No.	%
Excellent	40	9.46
Very Good	60	14.18
Good	120	28.37
Pass	194	45.86

## C- Professional Information

### 1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
1-Sources of Architectural Aesthetics	2	Dr Amir Mostaf
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	

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 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:

Practical training/laboratory:

Class activity:

Researches: Field study research, Library research

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	<input type="text" value="40 %"/>
Oral examination	<input type="text" value="5%"/>
Drawing sheets	<input type="text" value="40 %"/>
Researches	<input type="text" value="5 %"/>
Mid-Term Exam	<input type="text" value="10 %"/>
Total	100 %

Members of examination committee 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:  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: Non

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

9- Action plan for academic year 2015 – 2016

Actions required

Completion date

Person responsible

None

**Course coordinator:** Dr/ Amira Mostafa

**Signature:**

**Date:** 2016

## Annual Course Report

Academic year 2015-2015

### 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, 2<sup>nd</sup> semester

#### 4- Unit hours

Lectures  Tutorial  Practical  Total

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

Course coordinator: Dr. Asamer Zakarea

### B- Statistical Information

No. of students attending the course: No.  %

No. of students completing the course: No.  %

#### Results:

	No.	%	Grading of successful students:		
			No.	%	
Passed	419	99.76			
Failed	1	0.24			
			Excellent	72	17.14
			Very Good	127	30.24
			Good	120	28.57
			Pass	100	23.81

## 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 Zakarea
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	
<b>Total</b>	<b>30</b>	



Topics taught as a percentage of the content specified:

>90 %  70-90 % <70%

Reasons in detail for not teaching any topic

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

## 2- Teaching and learning methods:

Lectures:

Practical training/laboratory:

Seminar/Workshop:

Class activity:

Researches:

Other assignments/homework:

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

## 3- Student assessment:

Method of assessment

Percentage of total

Written examination

Oral examination	----
Project	----
Other assignments/class work	<input type="text" value="15 %"/>
Mid-Term Exam	<input type="text" value="25 %"/>
Total	20 %

Members of examination committee      Dr. Asamer Zakarea

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     

**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:

None

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

9- Action plan for academic year 2015 – 2016

Actions required	Completion date	Person responsible
1- Giving more researches that encourage the students to learn better about conservation problems in reality & how to give alternatives for solutions & application.	Annually	Senior teaching assistant
2- Giving more case studies or lectures concerning the conservation styles in order to make the student capable of applying the lectures in reality.		

Course coordinator:                      Dr. Asamer Zakarea

Signature:

Date:                      2016

# Annual Course Report

Academic year 2015 - 2016

## 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  Tutorial Practical Total

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

- Dr Baher Solyman
- Dr rafat shemes
- DR Emad fahem
- Dr Mahmood Taha
- Dr Ebrahim Madane
- Dr Ebrahim El demery
- Dr Mona Basuoni

Course coordinators: (Prof. Dr. Mohammed Thabat)

External evaluator: Professors of Architecture & Urban Planning

--- (General Committee):

- Prof. Dr. ahmad abden
- Prof. Dr. EmanEid
- Prof. Dr. Ahmed FaridHamza
- Prof. Dr. Tamer Akamal
- Prof. Dr. Sami Serg El Din
- --- (Chairs of Jury-Halls):
- Prof. Dr. Hisham Aref
- Prof. Dr. Medhat Mahfouz
- Prof. Dr. Samy Al-Zainy
- Prof. Dr. Aly Al-Hosseney
- Prof. Dr. Ibrahim Madany
- Prof. Dr. EmanEidAttia
- Prof. Dr. Mohammed Abd-albaky
- Prof. Dr. Hanaa Shokry
- Prof. Dr. Tamer Akmal
- Prof. Dr. Abdelrahman Abdelnaiem
- Dr. Nahed Omran
- Dr. Mona Elbassiouni
- Dr. Anaheed Waked
- Dr. RehamMontaz
- Dr. Mohammed Al-Essawy
- Dr. Haitham Samir
- Dr. Walaa Noor
- Dr. Mohammed Mostafa
- Dr. HossamMoftah

## B- Statistical Information

No. of students attending the course: No. **428** % **100**  
No. of students completing the course: No. **417** % **97.4**

Results:

	No.	%
Passed	415	99.5
Failed	2	0.47

Grading of successful students:

	No.	%
Excellent	65	15.59
Very Good	175	41.97
Good	110	26.38
Pass	65	15.59

## C- Professional Information

### 1 – Course teaching

Topic Actually taught	No. of hours	Lecturers
<input type="checkbox"/> <b>Week 1:</b> <input type="checkbox"/> Presentation of program development & analysis; site selection and analysis; similar projects and analysis.	6	Dr. Mohammed Thabat
<input type="checkbox"/> <b>Week 2:</b> Zoning alternatives	6	
<input type="checkbox"/> <b>Week 3:</b> Design alternatives and ideas and	6	
<input type="checkbox"/> <b>Week 4:</b> 3D study model	6	
<input type="checkbox"/> <b>Week 5:</b> Layout	6	
<input type="checkbox"/> <b>Week 6:</b> Main plan	6	
<input type="checkbox"/> <b>Week 7:</b> Other plans	6	
<input type="checkbox"/> <b>Week 8:</b> Main section	6	
<input type="checkbox"/> <b>Week 9:</b> Development of study model	6	
<input type="checkbox"/> <input type="checkbox"/> <b>Week 10:</b> Interaction and updating of model & drawings	6	
<input type="checkbox"/> <input type="checkbox"/> <b>Week 11:</b> Main elevations	6	
<input type="checkbox"/> <input type="checkbox"/> <b>Week 12:</b> Side elevations	6	
<input type="checkbox"/> <input type="checkbox"/> <b>Week 13:</b> Final 3D conceptions	6	
<input type="checkbox"/> <input type="checkbox"/> <b>Week 14:</b> Presentation phases rendering & delineation	6	
<input type="checkbox"/> <input type="checkbox"/> <b>Week 15:</b> ( Jury is often being after second term exams) <b>Presentation phase : perspectives &amp; computer animations</b>	6	
<b>Total hours</b>	<b>90</b>	

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

## 2- Teaching and learning methods:

Lectures:

Practical training/laboratory:

Seminar/Workshop:

Class activity:

Researches:

Other assignments/homework:

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

Adequate to some extent

Inadequate

List any inadequacies: Non

**5- Administrative constraints**

List any difficulties encountered: None

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

**Response of course team**

**List any criticisms**

- |     |  |   |
|-----|--|---|
| (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		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 2015 – 2016**

<b>Actions required</b>	<b>Completion date</b>	<b>Person responsible</b>
1. None		

**Course coordinators:** Dr. Mohammed Thabat

**Signature:**

**Date:** 2016

## Annual Course Report

Academic Year 2015-2016

### 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  Tutorial  Practical  Total

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

Dr. Amira Abd-El Aziz

External evaluator

### B- Statistical Information

No. of students attending the course: No.

No. of students completing the course: No.

Results:

	No.	%
Passed	410	97.6
Failed	10	2.4

Grading of successful students:

	No.	%
Excellent	128	30.48
Very Good	108	25.71
Good	80	19.5
Pass	94	22.38

## C- Professional Information

### 1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Basics of building system & material	4	Dr. Amira Abd El Aziz
• 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	
<b>Total hours</b>	<b>30</b>	

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

### 2- Teaching and learning methods:

Lectures:

Practical training/laboratory:

Seminar/Workshop:

Class activity:

Researches:

Other assignments/homework:

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

None

### 3- Student assessment:

Method of assessment	Percentage of total
Final exam	<input type="text" value="70%"/>
Semester work	<input type="text" value="20%"/>
Midterm exam	<input type="text" value="10%"/>
Total	100 %

Members of examination committee: Dr. Amira Abd-El Aziz

**Role of external evaluator**

None

**4- Facilities and teaching materials:**

Totally adequate

Adequate to some extent

Inadequate

List any inadequacies

None

**5- Administrative constraints**

List any difficulties encountered

None

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

**Response of course team**

List any criticisms

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

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:

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

None

9- Action plan for academic year 2015 – 2016

Actions required	Completion date	Person responsible
1.		
2.		

**Course coordinator:** Dr. Amira Abd El Aziz

**Signature:**

**Date:** 2016

## Annual Course Report

Academic Year 2015 - 2016

### 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 building Technology

3- Year/Level of program: 5th Year, 2<sup>nd</sup> semester

4- Unit hours

Lectures  Tutorial  Practical  Total

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

Dr. saed abd el khalek

External evaluator

### B- Statistical Information

No. of students attending the course: No.

No. of students completing the course: No.

Results:

	No.	%
Passed	418	99.3
Failed	3	0.7

Grading of successful students:

	No.	%
Excellent	67	15.91
Very Good	144	34.2
Good	123	29.22
Pass	84	19.95

## 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. saeed abd el khalek
• 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	
<b>Total hours</b>	<b>30</b>	

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:

Practical training/laboratory:

Seminar/Workshop:

Class activity:

Researches:

Other assignments/homework:

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

None

## 3- Student assessment:

Method of assessment	Percentage of total
Final exam	<input type="text" value="70%"/>
Term papers	<input type="text" value="20%"/>
Midterm exam	<input type="text" value="10%"/>
Total	100 %

Members of examination committee: Dr. saed abd el khalek

Role of external evaluator          None

## 4- Facilities and teaching materials:

Totally adequate

Adequate to some extent

Inadequate

List any inadequacies

## 5- Administrative constraints

List any difficulties encountered

None

6- Student evaluation of the course:

Response of course team

List any criticisms

1. theoretical course has no practical application

It is theoretical discussions, but it's deeply related to building & construction issues

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:

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

None

9- Action plan for academic year 2015 – 2016

Actions required	Completion date	Person responsible
1.		
2.		

**Course coordinator:** Dr saed abd el khalek

**Signature:**

**Date:** 2016

## Annual Course Report

Academic year 2015-2016

### A- Basic Information

1- Title and code: (A581) Quantities & Contracts-a

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

3- Year/Level of program: Fifth Year

#### 4- Unit hours

Lectures  Tutorial  Practical  Total

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

Dr. saed abd el khalek – Dr Ayman Ezat -

Course coordinator Dr. saed abd el khalek

External evaluator

### B- Statistical Information

No. of students attending the course: No.  %

No. of students completing the course: No.  %

#### Results:

	No.	%
Passed	418	99.5
Failed	2	0.5

#### Grading of successful students:

	No.	%
Excellent	169	40.24
Very Good	154	36.67
Good	70	16.67
Pass	25	5.95

## C- Professional Information

### 1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• Tender documents components.	3	Dr. Dr. saed abd el khalek
• General & special conditions for engineering projects.	3	
• Structural, Fire fighting, sanitary, Fire alarm, electricity, HVAC works drawings.	12	
• Ordinary & reinforced concrete specifications & BOQ.	6	
• Concrete insulation specification & BOQ.	3	
• Masonry work specifications & BOQ.	6	
• Cement plaster specifications & BOQ.	6	
• Wall & ceiling painting specifications & BOQ.	6	
<b>Total</b>	<b>60</b>	

Topics taught as a percentage of the content specified:

>90 %  70-90 %  <70%

Reasons in detail for not teaching any topic Non

If any topics were taught which are not specified, give reasons in detail Non, all of the missed teaching hours were substituted.

### 2- Teaching and learning methods:

Lectures:

Practical training/laboratory:

Seminar/Workshop:

One Seminar was arranged by the students:

(a) Ordinary & reinforced concrete.

Class activity:

Case Study:

Other assignments/homework:

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

**3- Student assessment:**

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

Members of examination committee: Dr. Dr. saed abd el khalek

Role of external evaluator

**4- Facilities and teaching materials:**

Totally adequate:

Adequate to some extent

Inadequate

List any inadequacies

**5- Administrative constraints**

List any difficulties encountered

6- Student evaluation of the course:

Response of course team

List any criticisms

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 2015 – 2016

Actions required

Completion date

Person responsible

None

**Course coordinator:** Dr. Dr. saed abd el khalek

**Signature:**

**Date:** 2016

## Annual Course Report

Academic year 2015-2016

### A- Basic Information

1- Title and code: (A582) Quantities & Contracts-b

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

3- Year/Level of program: Fifth Year

4- Unit hours

Lectures  Tutorial  Practical  Total

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

Dr. saed abd el khalek – Dr Ayman Ezat -

Course coordinator Dr. saed abd el khalek

External evaluator

### B- Statistical Information

No. of students attending the course: No.  %

No. of students completing the course: No.  %

Results:

	No.	%	Grading of successful students:	
Passed	418	99.5	No.	%
Failed	2	0.5	Excellent	169 40.24
			Very Good	154 36.67
			Good	70 16.67
			Pass	25 5.95

### C- Professional Information

1 – Course teaching

Topic Actually taught	No. of hours	Lecturer
• External & internal wall cladding.	3	Dr. saed abd el khalek
• Floor & skirting finishings.	6	
• False ceiling works.	3	
• Water proof & heat insulation works.	3	
• Handrail specifications & BOQ.	3	
• Types of stairs & finishing.	3	
• Door & window & curtain wall specifications & BOQ.	9	
• Special work specifications & BOQ.	3	
• Cost calculations for engineering projects.	3	
• Contracting methods.	9	
<b>Total</b>	<b>45</b>	

Topics taught as a percentage of the content specified:

>90 %  70-90 %  <70%

Reasons in detail for not teaching any topic Non

If any topics were taught which are not specified, give reasons in detail None, all of the missed teaching hours were substituted.

2- Teaching and learning methods:

Lectures:



Practical training/laboratory:

**Seminar/Workshop:**

One Seminar was arranged by the students:

(b) Contemporary finishing materials.

**Class activity:**

**Case Study:**

**Other assignments/homework:**

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

**3- Student assessment:**

Method of assessment	Percentage of total
Written examination	<input type="text" value="70%"/>
Oral examination	----
Practical/laboratory work	<input type="text" value="-----"/>
Other assignments/class work	<input type="text" value="10 %"/>
Mid-Term Exam	<input type="text" value="10%"/>
Total	90%

Members of examination committee      Dr. Saed abd el khalek

Role of external evaluator      Non

**4- Facilities and teaching materials:**

Totally adequate	<input type="checkbox"/> .Yes.
Adequate to some extent	<input type="checkbox"/> .....
Inadequate	<input type="checkbox"/> .....
List any inadequacies	<input type="checkbox"/> None

5- Administrative constraints

List any difficulties encountered

6- Student evaluation of the course:

Response of course team

List any criticisms

None

7- Comments from external evaluator(s):

Response of course team

None

8- Course enhancement:

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

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

9- Action plan for academic year 2015– 2016

**Actions required**

**Completion date**

**Person responsible**

None

**Course coordinator:** Dr. saed abd el khalek

**Signature:**

**Date:** 2016