

Architecture Engineering and Building Technology B.Sc.

Program Report By-Law 2012

2015-2016

Content

1. General	5
1.1. Basic Information	5
1.2. Academic Standards	5
1.2.1. Achievement of program intended learning outcomes, ILO's	5
1.3. Achievement of program aims	15
1.4. Assessment methods	16
1.5 Student achievement	17
1.6 Quality of teaching and learning	18
1.7 Effectiveness of student support systems	19
1.8 Learning resources	19
1.9 Quality management	20
2. Proposals for program development	22
3. Progress of previous year's action plan	22
4. Action plan	22
Appendix 1: Annual Course Reports 2014-2015	23

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. Passant Massoud.
- 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

Table A1-1 Program ILO's covered by the program courses

	Course		Program Intended Learning Outcomes			
	Code	Title	Knowledge and understanding	Intellectual skills	Professional and practical skills	General and transferable skills
1	CHE 100	Chemistry	A1, A3, A4, A5, A6, A8,A11, A12	B1, B2, B3, B4, B6, B8, B10, B12	C1, C2, C3, C5, C8, C12	D1, D2, D3, D4, D5, D7
2	GEN 141	Contemporary Social Issues	A9, A10	B4, B9, B12	C1,C5	D1, D3, D7, D9
3	MNF 100	Introduction to engineering materials	A2, A3, A4, A18	B1, B2, B5, B13,B15,B17	C1, C2, C19	D1, D3, D7, D9
4	GEN 143	History of Engineering & Technology	A1, A5, A8, A9, A11, A14	B1, B2, B6, B7	C1,C5	D1,D7, D8
5	MEC 101	Mechanics – (1)	A1, A2, A3, A4	B1, B2	C1, C2	D1, D2
6	MTH 101	Mathematics – (1)	A1, A2, A5	B1, B2, B3, B7	C1, C12	D3, D7
7	PHY 101	Physics (1)	A1, A2, A3, A4, A13	B1, B2, B3, B7 B17, B20	C1, C6, C12, C16, C17	D1, D2, D3, D4, D5,D6,D7,D8,

	Course		Program Intended Learning Outcomes			
	Code	Title	Knowledge and understanding	Intellectual skills	Professional and practical skills	General and transferable skills
						D9
8	MNF 101	Engineering Graphics	A2, A4, A5, A8 ,A10	B3, B5 ,B7 ,B8,B9	C2, C3, C4 ,C11	D1, D3 ,D9
9	GEN 142	English language	A9, A10	B4	C11, C12	D1, D2, D3, D4, D6, D7, D8
10	MEC 102	Mechanics – (2)	A1, A2, A3, A4, A5	B1, B2, B5, B13,	C1,C2, C3	D1, D2
11	MTH 102	Mathematics – (2)	A1, A3, A5	B1, B2, B3, B4, B7, B11	C1, C12	D1, D3, D7
12	PHY 102	Physics (2)	A1, , A3, , A5	B2, B3, B4, B5,	C1, C5, C12	D5, D7
13	MNF 102	Principles of production Engineering	A1,A2,A4	B2,B3,B10,B18	C1,C3,C7	D1, D3 ,D7 ,D9
14	CMP 110	Program Design and Computer Languages	A1,A2,A4,A5,A8,A13,A15,A16,A18	B1,B2,B3,B4,B7,B13, B14, B17, B18 , B19,	C1,C2,C3,C4, C5,C6 , C13, C14, C15	D1, D2 ,D3, D4, D5, D7, D9
15	ARC 211	Architectural Construction 1	A3, A4, A24	B2,B5,B11, B12,B14, B22,B25	C2, C3, C12, C14, C23,C24,C25	D1, D2, D3, D6, D7, D8
16	ARC 221	Architectural Design 1	A4,A13,A14,A22 ,A24	B2,B3,B13	C3,C4,C13,C17	D3,D7
17	ARC 213	Building Technology	A1, A5, A24	B4, B5, B13,B17,B23,B25	C1, C2,C23 , C25	D1, D3, D4,D5,D6, D7
18	ARC 214	Computer Applications 1	A2, A4, A8, A14, A15,A21	B1, B2, B3, B13	C5, C12, C13, C14, C24	D1, D3, D6, D7
19	ARC 220	Theories of Architecture (1)	A1,A4,A11,A12,A14 ,A16 ,A18.A19, A23	B3,B9,B12,B20 ,	C1,C2,C13	D1,D2,D3,D7
20	ARC 215	Properties & Resistance of Materials	A1, A3, A4, A15	B3,B5,B6,B13,B17,B18	C2,C10,C15,C21,C22,C23	D1,D3,D5
21	ARC 223	Visual Training (1)	A13 , A20	B4,B13,B14	C13, C17 ,C18	D1,D3, D8
22	ARC 212	Architectural Construction 2	A3, A4, A24	B2,B5,B11, B12, B14 , B22	C2, C3, C12, C14, C23,	D1, D2, D3, D6, D7,D8

	Course		Program Intended Learning Outcomes			
	Code	Title	Knowledge and understanding	Intellectual skills	Professional and practical skills	General and transferable skills
					C24,C25	
23	ARC 222	Architectural Design 2	A4,A13,A14, A22, A24	B2, B3, B13	C3, C4,C13,C17	D3,D7
24	ARC 241	History of Architecture (1)	A17,A19	B4, B20,B21	C18,C21,C22	D1,D2,D3,D4
25	MTH 208	Statistical Mathematics for Arch. Engineering (8)	A1, A2, A5,A10	B1, B2, B3,B4 B7,B11	C1, C2,C7,C13	D3, D7
26	ARC 216	Surveying	A4, A8, A14, A24	B2, B9, B18, B22	C1, C6, C15,C16	D3, D5, D6
27	ARC 217	Theory of Structures	A1,A4,A5,A8,A14	B2,B3,B4,B5,B11, B13	C1,C2,C3,C7, C24	D6, D7
28	ARC 218	Sciagraphy and perspective	A4, A13, A20	B4,B14	C13, C18	D3, D8
29	ARC 311	Architectural Construction & Building materials 1	A14, A15, A20, A21, A23, A24,A25	B14, B15, B17 ,B22,B23,B25	C14, C15, C17, C22,C24 ,C23 , C25	D1, D2,D3, D6, D7, D8
30	ARC 321	Architecture & Human Studies	A4,A5,A17,A24	B3,B4,B19	C6,C12,C21,C22, C25	D1, D3, D5, D6
31	ARC 322	Architectural Design 3	A5, A13 ,A14,A17,A18, A21	B3, B4, B13, B14	C3, C6, C17	D3, D7
32	ARC 324	Design Methodology	A4, A5,A8, A9, A11	B5, B7, B20	C3, C4, C8, C18,C12,C15, C20	D3, D5, D6, D7
33	ARC 314	Reinforced concrete & steel structures	A4, A5,A6	B2, B3, B11,B24	C1, C3, C7, C24	D6, D7
34	ARC 327	Theories of Architecture (2)	A15,A17,A18,A19	B1,B2,B3,B4,B5,B6,B7,B8	C1,C2,C3	D1,D2,D3,D4, D5,D6,D7,D8, D9
35	ARC 326	History and Theories of planning	A16,A15,A17,A18	B2,B3,B18,B20,B21	C13,C21,C22	D1,D7,D8
36	ARC 312	Architectural Construction & Building materials 2	A14, A15, A20, A21, A23,A24	B13, B14, B15, B17 , B22,B25	C15, C14, C18, C25 , C24	D1, D2,D3, D6, D7, D8

	Course		Program Intended Learning Outcomes			
	Code	Title	Knowledge and understanding	Intellectual skills	Professional and practical skills	General and transferable skills
37	ARC 313	Computer Applications 2	A1,A4, A13, A14, A20	B1, B4, B9, B13, B14, B15 ,B21	C14,C15,C17, C21	D1,D2, D3, D5,D6 D7, D8
38	ARC 323	Architectural Design 4	A5, A13,A14,A17,A18, A21	B3, B4, B13, B14	C3, C6, C17	D3, D7
39	ARC 328	Visual Training (2)	A1, A19, A13	B13, B14, B16	C13, C14	D1, D2, D3, D6, D7
40	ARC 341	History of Architecture (2)	A12,A19	B7,B13,B14,B20, B21	C12,C13.C18	D2,D3,D4,D5, D9
41	ARC 310	Environmental Control	A5, A8, A12,A24	B2, B3, B13, B15, B17	C1, C2, C11, C17, C19,C25	D1, D2,D3, D4,D5,D6, D7, D8
42	ARC 315	Foundation	A3, A4 A5 A9, A15	B2, B5, B6, B22,	C2,C12, C13, C14	D6
43	ARC 360	Architecture Training 1	A10,A 14	B2,B16,B 18	C7, C 8	D1, D3, D8
44	ARC 421	Architectural Design 5	A4,A11,A13,A23	B3,B4,B13,B14,B 16,B17,B19,B20	C4. C13. C15 . C17. C18 . C19 . C20 . C21	D1,D3,D6,D7
45	ARC 423	Housing & City Planning 1	A11,A16,A17,A19	B10,B11	C6,C20	D2,D3,D5
46	ARC 425	Theories of Architecture and Arts (3)	A4,A13,A19,A21,A2 4	B3,B12,B14,B21	C13,C17,C18, C19	D3,D4,D5,D9
47	ARC 410	Technical Installations and Plumbing Engineering 1	A1, A4, A5,A6 ,A11,A12,A14 ,A24	B2, B3, B4,B5, B7,B11,B24	C1, C12,C15, C19,C22 ,C23,C25	D6
48	ARC 412	Working Drawing & Construction Methods 1	A4, A8,,A13 A14, A15, A21,A24	B3, B4, B17 ,B22,B24,B25	C4, C10, C14, C15,C18,C23, C25,C24	D2,D3,D6,D7
49	ARC 422	Architectural Design 6	A4,A11,A13,A14,A1 7,A23	B3,B4,B13,B14,B 16,B17,B19,B20	C4,C13,C15,C 17,C18,C19,C 20,C21	D1,D3,D6,D7
50	ARC 424	Housing & City Planning 2	A16,A17,A19, A22	B10,B11,B12,B13	C5,C6,C21	D2,D3,D5

	Course		Program Intended Learning Outcomes					
	Code	Title	Knowledge and understanding	Intellectual skills	Professional and practical skills	General and transferable skills		
51	ARC 440	History of Architecture& Arts	A18, A19	B4,B13,B 20,B21	C20, C21,C22	D1, D3, D4, D8		
52	ARC 411	Technical Installations and PlumbingEngineering 2	A1, A4, A5, A6 ,A11 ,A12 ,A14 ,A24	B2, B3, B4,B5,B7,B11, B24	C1 , C12, C15,C19,C22, C23,,C25	D6		
53	ARC 413	Working Drawing & Construction Methods 2	A4, A8,A13, A14, A15, A21,A24	B3, B4, B17 ,B22,B24,B25	C4, C10, C14, C15,C18,C23	D2,D3,D6,D7		
54	ARC 43	Engineering	ARC 33	Construction & Building Equipment	A14 ,A15 ,A16,A24	B2,B3,B9,B20,B2 2,B23	C11.C12,C15, ,C23	D1,D3,D6, D7
			ARC 43	Building Economics	A2,A5. A6, A14,A15	B2, B9, B16, B22	C2,C9 C15,C23,C25	D3, D8
			ARC 43	Housing in Developing Countries	A9,A16,A22,A24	B2,B4,B12	C15,C16	D2,D6,D8,D9
			ARC 43	Urban Renewal	A7,A16	B10,B11,B20	C1,C8	D6,D7
			ARC 43	Design, Environmental Planning & Power	A11,A18,A21, A24	B2, B3, B13, B15, B17,B22,B24.	C1, C2, C12, C17, C19,C25	D1, D2,D3, D4,D5,D6, D7, D8
			ARC 43	Building Technology & Structure System	A1,A3, A4,A8, A17, A24,A25	B4, B5, B13,B23,B22	C1, C2,C23,C25	D1, D3, D4, D5, D6, D7
			ARC 43	Modular Coordination	A1,A6,A8	B1,B2,B9	C1,C5,C10	D6
55	ARC 45	Basic Human.	ARC 45	Project Manag.	A3, A6,A7, A25	B3, B17	C2, C3,C9	D6, D9
			ARC 45	Architecture, Civilization & Heritage	A5, A9, A11, A17	B18,B19, B21	C19, C21,C22	D3, D6, D9
			ARC 45	Advanced Studies in Interior Design	A12,A13,A20,A21	B1, B2, B5, B9, B13, B14, B15,B22	C1, C2, C3,C 4, C10, C16, C17	D1, D2, D3, D5, D6
56	ARC 460	Architecture Training 2	A10,A 20	B1,B2,B 18	C5, C 12	D1, D3, D8		

1st year General

S	Course	
	Code	Title
1	CHE 100	Chemistry
2	ELC 214	Modern Theoryfor Semiconductor Devices
3	ELC 215	Semiconductor for Microelectronics
4	GEN 141	قضايا اجتماعية معاصره
5	GEN 142	English Language
6	GEN 143	تاريخ الهندسة والتكنولوجيا
7	GEN 353	ادارة أعمال دولية
8	MEC 101	Mechanics
9	MEC 102	Mechanics-2
10	MTH 101	Algebra and Calculus
11	MTH 102	Integration and Analytic Geometry
12	MTH 203	Mathematics -3(Differential Equations and T ransforms)
13	MTH 204	Mathematics -4 (Advanced Calculus)
14	MTH 207	Numerical Analysis
15	MTH 208	Statistical Mathematics for Architectural Engineering
16	MTH 305	Introduction to Prob. and Statistics
17	MTH 305	Introduction to Prob. and Statistics
18	PHY 101	Physics
19	PHY 102	Physics

(CHE100) Chemistry
Annual Course Report
Academic year 2014-2015

A- Basic Information

1- Course Code & Title: (CHE100) Chemistry

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

Manufacturing Engineering and Production Technology BSc Program
Electronic Engineering and Communication Technology
BSc Program
Computer Engineering and Information Technology BSc Program
Architecture Engineering and Building Technology BSc Program

3- Year/Level of program: First Year/Second Semester

4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Prof. Dr. Shaban Ragab Gouda

6- Course coordinator: Prof. Dr. Shaban Rageb Gouda

7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:

No.	1200	100	%
-----	------	-----	---

2- No. of students completing the course:

No.	1144	95.33	%
-----	------	-------	---

3- Results:

	No.	%
Passed	1088	95.10
Failed	56	4.89

Grading of successful students:		
Grade	No.	%
Excellent	463	40.46
Very Good	260	22.72
Good	203	17.74

Pass	162	14.16
------	-----	-------

C- Professional Information

1 – Course teaching

Topic	Total hours		Lecturer
	Plan.	Actual	
• Gas law and gas liquefaction	6	6	Prof. Dr. Shaban Rageb
• Liquid state, refrigeration and heat pump.	6	6	
• Electrochemistry and metallic corrosion.	5	5	
• Solution and antifreezes	3	3	
• Thermo chemistry and solar heat.	3	3	
• Pollution	0	0	
• water treatment and distillation	14	14	
• polymer and industry	3	3	
• fuels and combustion	3	3	
• Chemistry and tech. of petroleum and new trends in energy resource.	3	3	
Total hours			

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

Reasons in detail for not teaching any topic: non

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

Achieved program intended learning outcomes, ILO's:

Knowledge & Understanding	Intellectual skills	Applied Skills	General transferable
---------------------------	---------------------	----------------	----------------------

			skills
a1 to a12	b1 to b7	c1 to c6	d1 to d5

2- Teaching and learning methods:

Lectures: Lecture, discussions, tutorials and problem solving

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

Seminar/Workshop: Non

Class activity Exercises; solution of problems and data show.

Other assignments/homework: Bi-weekly assignments and reports

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

3- Student assessment:

Method of assessment	Points	%
Written examination	60	60
Oral examination	Non	0
Practical/laboratory work	20	20
Other assignments/class work	10	10
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Prof. Dr. Shaban Ragab Gouda

Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	
Inadequate	

List any inadequacies:

Non

5- Administrative constraints (List any difficulties encountered)

➤ Non

6- Student evaluation of the course:

	List any criticisms	Response of course team
(a)	it is recommended to solve more examples in the exercises	Only a balanced proportion of exercises are solved in the class, the rest are presented as assignments
(b)	The assignment are corrected without giving detailed comments concerning the correct answers	The correct results of problems solutions of problems will be presented during the exercises periods
(c)	It is recommended to announce the points of mid- term, rather than the grades.	The form and timing of declaration of year work evaluation results follow the Academy policy.

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- High success percentage in the good level of the final written exam.
- The whole exam result shows considerable weakness in report writing and English language level.

9- Course enhancement:

Progress on actions identified in the previous year's action plan. State whether or not completed and give reasons for any non-completion:

Actions required	Planned Completion date	Accomplishment
(a) Add more experiments to chemistry Laboratory	December 2015	Two experiments are already added on September 2014. One more is planned for May 2015

9- Action plan for academic year 2014 – 2015

Actions required	Completion date	Person responsible
------------------	-----------------	--------------------

1. adding more assignments reports and quizzes for Chapters 10 and 11	December 2015	Prof. Dr. Shaban Rageb
---	---------------	------------------------

Course coordinator: Prof. Dr Shaban Rageb

Signature:

Date: September 2015

**ELC214: Modern Theory for Semiconductor Devices
Annual Course Report
Academic year 2014-2015**

A- Basic Information

1- Course Code & Title: **ELC214: Modern Theory for Semiconductor Devices**

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

Electronic Engineering and Communication Technology BSc Program,
Computer Engineering and Information Technology BSc Program

3- Year/Level of program: Second Year/ Senior 2, First Semester

4- Credit hours

Credit	3 hrs	Lectures	2 hrs.	Tutorial	1 hrs.	Practical	2 hr
--------	-------	----------	--------	----------	--------	-----------	------

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

Prof. Dr. L. I. Soliman & Dr. A. H. Serag El-Deen

6- Course coordinator: Prof. Dr. L. I. Soliman

7- External evaluator: Non

B- Statistical Information

4- No. of students attending the course:

No.	328	100	%
-----	-----	-----	---

5- No. of students completing the course:

No.	320	97.56	%
-----	-----	-------	---

6- Results:

	No.	%
Passed	310	96.8
Failed	10	11.5

Grading of successful students:		
Grade	No.	%
Excellent	35	10.9
Very Good	60	18.8
Good	80	25
Pass	145	45.3

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Practical hours
➤ Introduction to quantum physics	1		
➤ Classical and modern theory of light	1		1
➤ Plank's expansion for blak body radiation	1	2	2
➤ Photo electric effect	1	2	2
➤ Compton expriment	1	2	2
➤ Compton scattering	2	2	
➤ Particls behaving as a wave and partical wave complementarity	1	2	2
➤ Introduction to wave mechanics	2	2	1
➤ The uncertainty principle	2	2	1
➤ Wave function for free particale	1		
➤ Wave function of the particale	3	2	1

➤ The simple harmonic oscillator	2	2	1
➤ Scanning tunneling microscopy	2	2	
➤ Introduction to atomic physics	1		
➤ Models of atoms	2	2	1
➤ Bonding mechanisms	2	4	1
➤ Bonding in solids	3	2	
➤ Classical free electron model of metals	3	2	
Total hours	30	15	30

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

Achieved program intended learning outcomes, ILO's:

Knowledge & Understanding	Intellectual skills	Applied Skills	General transferable skills
a1 to a7	b1 to b4	c1 to c6	d1 to d5

2- Teaching and learning methods:

Lectures: Lecture, discussions, tutorials, problem solving and modeling
 Practical training/ laboratory: Practical Training and experimental measurements in Lab
 Seminar/Workshop: Non
 Class activity: Numerical exercises; solution of problems.
 Case Study: Selected case studies
 Other assignments/homework: Bi-weekly assignments and reports

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

3- Student assessment:

Method of assessment	Points	%
Written examination	60	60
Oral examination	Non	0
Practical/laboratory work	20	20
Other assignments/class work	10	10
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Prof. Dr. L. I. Soliman, Dr. A. H. Serag Eldeen

Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	
Inadequate	

List any inadequacies: Non

5- Administrative constraints (List any difficulties encountered)

- Non

6- Student evaluation of the course:

	List any criticisms	Response of course team
(a)	it is recommended to modify the practical part with advanced experiments.	The new versions of experiments have been prepared and will be ready in the next semester.
(b)	The assignment are corrected without giving detailed comments concerning the correct answers	The correct results of problems solutions of problems will be presented during the exercises periods
(c)	It is recommended to announce the points of the student activities.	It is under study to be published.

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- High success percentage in question 1 and 4 of the final written exam
- The whole exam result shows considerable weakness in report writing and English language level.

9- Course enhancement:

Progress on actions identified in the previous year's action plan. State whether or not completed and give reasons for any non-completion:

Actions required	Planned Completion date	Accomplishment
(b) Add more experiments to physics Laboratory	December 2014	4 experiments are already added on September 2015.

9- Action plan for academic year 2014 – 2015

Actions required	Completion date	Person responsible
1. adding more exercises, assignments reports and quizzes for Chapter 1- 4	December 2015	Prof. Dr L. I. Soliman

Course coordinator: Prof. Dr L. I. Soliman

Signature:

Date: Feb. 2015

**ELC215: Semiconductor for Microelectronics
Annual Course Report
Academic year 2014-2015**

A- Basic Information

1- Course Code & Title: **ELC215: Semiconductor for Microelectronics**

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

Electronic Engineering and Communication Technology BSc Program,
Computer Engineering and Information Technology BSc Program

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

4- Credit hours

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

3 Names of lecturers contributing to the delivery of the course:

Prof. Dr. L. I. Soliman & Dr. A. H. Serag El-Deen

6- Course coordinator: Prof. Dr. L. I. Soliman

7- External evaluator: Non

B- Statistical Information

7- No. of students attending the course:

No.	402	100	%
-----	-----	-----	---

8- No. of students completing the course:

No.	348	87	%
-----	-----	----	---

9- Results:

	No.	%
Passed	348	87
Failed	64	13

Grading of successful students:		
Grade	No.	%
Excellent	76	18.9
Very Good	80	19.9
Good	108	26.87
Pass	84	20.8

3 – Contents

Topic	Lecture hours	Tutorial hours	Practical hours
➤ Introduction to semiconductors	1		
➤ Classify different types of semiconductors	1		1
➤ Crystal structure and band structure of semiconductor	1	2	2
➤ Conduction in different types of semiconductor	2	2	2
➤ P-N junction	1	2	2
➤ Forward and revers biased and breakdown	2	2	
➤ Diode	1	2	2
➤ Zener diode	2	2	1
➤ Tunnel diode	2	2	1
➤ Solar cell	1		
➤ Application of diodes	3	2	1
➤ Schottky diode	2	2	1
➤ Tunnel diode	2	2	
➤ Bipolar junction transistor (BJT)	2	2	1

➤ Junction field effect transistor (JFET)	2	4	1
➤ Metal oxide semiconductor transistor(MOSFT)	3	2	
➤ Physical structre, basic configuration and I-V charactrstics	3	2	
➤ Total hours	30	15	30

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

Achieved program intended learning outcomes, ILO's:

Knowledge & Understanding	Intellectual skills	Applied Skills	General transferable skills
a1 to a7	b1 to b4	c1 to c6	d1 to d5

2- Teaching and learning methods:

Lectures: Lecture, discussions, tutorials, problem solving and modeling

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

Seminar/Workshop: Non

Class activity: Numerical exercises; solution of problems.

Case Study: Selected case studies

Other assignments/homework: Bi-weekly assignments and reports

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

3- Student assessment:

Method of assessment	Points	%
Written examination	60	60
Oral examination	Non	0
Practical/laboratory work	20	20
Other assignments/class work	10	10
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Prof. Dr. L. I. Soliman, Dr. A. H. Serag Eldeen

Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	
Inadequate	

List any inadequacies: Non

5- Administrative constraints (List any difficulties encountered)

➤ Non

6- Student evaluation of the course:

	List any criticisms	Response of course team
(a)	it is recommended to modify the practical part with advanced experiments.	The new versions of experiments have been prepared and will be ready in the next semester.
(b)	The assignment are corrected without giving detailed comments concerning the correct answers	The correct results of problems solutions of problems will be presented during the exercises periods

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- High success percentage in question 2 of the final written exam

9- Course enhancement:

Progress on actions identified in the previous year's action plan. State whether or not completed and give reasons for any non-completion:

Actions required	Planned Completion date	Accomplishment
(c) Add more experiments to physics Laboratory	may 2015	No action.

9- Action plan for academic year 2014 – 2015

Actions required	Completion date	Person responsible
1. adding more exercises, assignments reports and quizzes for Chapter 1- 5	June 2015	Prof. Dr L. I. Soliman

Course coordinator: Prof. Dr L. I. Soliman

Signature:

Date: June 2015

(GEN 141) قضايا اجتماعية معاصره
Annual Course Report
Academic year 2014-2015

A- Basic Information

1- Course Code & Title: (GEN 141) قضايا اجتماعية معاصره

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

Manufacturing Engineering and Production Technology BSc Program
Electronic Engineering and Communication Technology BSc Program
Computer Engineering and Information Technology BSc Program
Architecture Engineering and Building Technology BSc Program

3- Year/Level of program: First Semester

4- Credit hours

Credit	2 hrs	Lectures	2 hrs	Tutorial	-	Practical	-
--------	-------	----------	-------	----------	---	-----------	---

5- Names of lecturers contributing to the delivery of the course: Prof. Dr. شيماء نبيه

6- Course coordinator: Prof. Dr. شيماء نبيه

7- External evaluator: Non

B- Statistical Information

10- No. of students attending the course:

No.	580	100	%
No.	527	90.86	%

11- No. of students completing the course:

12- Results:

	No.	%
Passed	507	96.20
Failed	20	3.79

Grading of successful students:		
Grade	No.	%
Excellent	178	33.77
Very Good	146	27.70
Good	108	20.49
Pass	75	14.23

C- Professional Information

1 – Course teaching

Topic	Total hours		Lecturer
	Plan.	Actual	
الانتماء اهميته واصول المجتمع – العادات والتقاليد المرعية – المواطنه – العوامل المحفزه لحب الوطن (الحرية – احترام الرأي الاخر – عدم التمييز العنصري – الديمقراطية)			Prof. Dr. شيماء نبيه
النمو والتكامل الاقتصادي – المكونات الاجتماعية والاقتصادية للمجتمع – اساليب قياده – اساليب ترشيد الموارد – الابتكار وتجديد الموارد – الحوافز الخاصة بافراد المجتمع – اساليب تقييم المشروعات)			
(بناء الاسرة – تكوين الاسرة – التنشئة الاجتماعية – النسق الاسري والانساق الاخرى – المؤسسات التقليدية والحديثة الخاصة بالاسرة)			
(مهارات العمل الجماعي – اهمية العمل الفريقي – الفارق بين العمل الجماعي والفريقي – كيفية اعداد القادة)			
Total hours			

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
Achieved program intended learning outcomes, ILO's:

Knowledge & Understanding	Intellectual skills	Applied Skills	General transferable skills
a1 to a3	b1 to b3	-	d1 to d3

2- Teaching and learning methods:

Lectures: Lecture, discussions, tutorials, problem solving and modeling
Practical training/ laboratory: Non
Seminar/Workshop: Lecture
Class activity: Non
Case Study: Selected case studies
Other assignments/homework: Bi-weekly assignments and reports
If teaching and learning methods were used other than those specified, give reasons: Non

3- Student assessment:

Method of assessment	Points	%
Written examination	70	70
Oral examination	Non	0
Practical/laboratory work	Non	0
Other assignments/class work	30	30
Mid-Term Exam	Non	0
Total	100	100

Members of examination committee: Dr. شيماء نبيه

Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	
Inadequate	

List any inadequacies: Non

5- Administrative constraints (List any difficulties encountered)

➤ Non

6- Student evaluation of the course:

	List any criticisms	Response of course team
(a)	يري بعض عدم اهمية لدراسة العلوم الانسانية في اطلاب كلية الهندسة	تخصيص اكثر من محاضرة لتوضيح اهمية دراسة العلوم الانسانية في الحياة العملية بجانب دراسة التخصص

(b)	يري بعض الطلاب اضافة بعض الموضوعات التي تناسب تخصصهم ودراستهم للهندسة	تخصيص محاضرتين يعرض فيها الطلبة بعض المهارات التي تساعد في الحياة العملية مثل العمل الفرقي او الاقتناع
-----	---	--

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	Non

8- Written Exam Evaluation

9- Course enhancement:

Progress on actions identified in the previous year's action plan. State whether or not completed and give reasons for any non-completion:

9- Action plan for academic year 2014– 2015

Actions required	Completion date	Person responsible
Non	January 2015	Prof. Dr shimaa nabih

Course coordinator: Prof. Dr. شيماء نبيه

Signature:

Date: September 1, 2015

GEN 142 English Language Annual Course Report Academic year 2014-2015

A- Basic Information

1- Course Code & Title: **GEN 142 English Language**

2- Program(s) on which this course is given: Manufacturing Engineering and Production Technology
BSc Program

Electronic Engineering and Communication Technology BSc Program

Computer Engineering and Information Technology BSc Program

Architecture Engineering and Building Technology BSc Program

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

4- Credit hours

Credit	2 hrs	Lectures	2 hrs	Tutorial		Practical	
--------	-------	----------	-------	----------	--	-----------	--

5- Course coordinator: Dr. Neveen Samir

6- External evaluator: Non

B- Statistical Information

13- No. of students attending the course:

No.	620	100	%
No.	580	93.6	%

14- No. of students completing the course:

15- Results:

	No.	%
Passed	525	90.51
Failed	55	9.48

Grading of successful students:		
Grade	No.	%
Excellent	51	9.71
Very Good	75	14.28
Good	170	32.38
Pass	229	43.61

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Practical hours
Computer Hackers	2		
At the Doctor's Reviewing tenses Reading	2		
At the Doctor's (to be continued) Grammar: perfect tenses& prefixes	2		
Global Warming Reading Speaking : English communication skills Suffixes & adj.&adv.	2		
Computer Addiction Reading: 53-55 Seaking: discussing the topic	2		

Grammar: adjectives			
Earthquake Reading: 59-61 Grammar: Suffixes	2		
Words and their Stories Reading Grammar: wh-questions and negatives	2		
Revision 7 th week Exam	2		
Describing People & Things Reading : Grammar: adj. & adv	2		
Describing People & Things (to be continued) Reading : Grammar : relative clauses	2		
Qualities and Flaws Speak: discussing qualities and flaws of each one (pair work) Grammar: Possession Pronouns+ Adjectives	2		
Qualities and Flaws (to be continued) List. & Speak: discussing the topic	2		
People Idioms Grammar: gerund "& to infinitive & adjectives with prepositions	2		
English proverbs Grammar: problem verbs	2		
Revision	2		
Total hours	30		

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

Reasons in detail for not teaching any topic:

Non

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

Non

Achieved program intended learning outcomes, ILO's:

Knowledge & Understanding	Intellectual skills	Applied Skills	General transferable skills
A9 , A10	C11 , C12	B4	D1 to D8

2- Teaching and learning methods:

Lectures: Lecture, discussions, doing exercises,

Practical training/ laboratory: Non

Seminar/Workshop: Non

Class activity Doing exercises (pair work & group work)

Other assignments/homework: Bi-weekly assignments and reports

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

3- Student assessment:

Method of assessment	Points	%
Written examination	70	70
Oral examination	Non	0
Practical/laboratory work	-	-
Other assignments/class work	15	15
Mid-Term Exam	15	15
Total	100	100

Members of examination committee: Dr. Neveen Samir

Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	
Adequate to some extent	Yes
Inadequate	

List any inadequacies: Non

5- Administrative constraints (List any difficulties encountered)

➤ Non

6- Student evaluation of the course:

	List any criticisms	Response of course team
(a)	It is recommended to announce the points of mid-term, rather than the grades.	The form and timing of declaration of year work evaluation results follow the Academy policy.

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

➤ The exam level is convenient, considering the percentage of success.

9- Course enhancement:

Progress on actions identified in the previous year's action plan. State whether or not completed and give reasons for any non-completion:

Actions required	Planned Completion date	Accomplishment
NON	NON	NON

9- Action plan for academic year 2014 – 2015

Actions required	Completion date	Person responsible
NON	NON	NON

Course coordinator: Prof. Dr Neveen

Signature:

Date: September 1, 2015

تاريخ الهندسة والتكنولوجيا (GEN 143)

Annual Course Report Academic year 2014-2015

A- Basic Information

1- Course Code & Title: (GEN 143) تاريخ الهندسة والتكنولوجيا

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

Manufacturing Engineering and Production Technology BSc Program

Electronic Engineering and Communication Technology BSc Program

Computer Engineering and Information Technology BSc Program

Architecture Engineering and Building Technology BSc Program

3- Year/Level of program: First Semester

4- Credit hours

Credit	2 hrs	Lectures	2 hrs	Tutorial	-	Practical	-
--------	-------	----------	-------	----------	---	-----------	---

5- Names of lecturers contributing to the delivery of the course: Prof. Dr. مروه محمد فؤاد

6- Course coordinator: Prof. Dr. مروه محمد فؤاد

7- External evaluator: Non

B- Statistical Information

16- No. of students attending the course:

No.	580	100	%
-----	-----	-----	---

17- No. of students completing the course:

No.	527	90.86	%
-----	-----	-------	---

18- Results:

	No.	%
Passed	507	96.20
Failed	20	3.79

Grading of successful students:		
Grade	No.	%
Excellent	178	33.77
Very Good	146	27.70
Good	108	20.49
Pass	75	14.23

C- Professional Information

1 – Course teaching

Topic	Total hours		Lecturer
	Plan.	Actual	
العلم و الهندسة والتكنولوجيا	2		Prof. Dr. مروه محمد فؤاد
الهندسة و البحث العلمى – منظومة البحث العلمى	2		
عناصر و متطلبات البحث العلمى	2		
الهندسة و خريطة البحث العلمى – مراحل البحث العلمى	2		
تاريخ الهندسة و التكنولوجيا فى مختلف العصور	4		
نقل التكنولوجيا	2		
نشاطات العمل الهندسى و مسؤوليات المهندس	2		
Total hours			

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
Achieved program intended learning outcomes, ILO's:

Knowledge & Understanding	Intellectual skills	Applied Skills	General transferable skills
a1 to a4	b1 to b4	-	d1 to d4

2- Teaching and learning methods:

Lectures:	Lecture, discussions, tutorials, problem solving and modeling
Practical training/ laboratory:	Non
Seminar/Workshop:	Lecture
Class activity	Non
Case Study:	Selected case studies
Other assignments/homework:	Bi-weekly assignments and reports
If teaching and learning methods were used other than those specified, give reasons:	Non

3- Student assessment:

Method of assessment	Points	%
Written examination	70	70
Oral examination	Non	0
Practical/laboratory work	Non	0
Other assignments/class work	30	30
Mid-Term Exam	Non	0
Total	100	100

Members of examination committee: Dr. مروه محمد فؤاد

Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	
Inadequate	

List any inadequacies: Non

5- Administrative constraints (List any difficulties encountered)

➤ Non

6- Student evaluation of the course:

	List any criticisms	Response of course team
(a)	يري بعض عدم اهمية لدراسة العلوم الانسانية في لطلاب كلية الهندسة	تخصيص اكثر من محاضرة لتوضيح اهمية دراسة العلوم الانسانية في الحياة العملية بجانب دراسته للتخصص
(b)	يري بعض الطلاب اضافة بعض الموضوعات التي تناسب تخصصهم ودراستهم للهندسة	تخصيص محاضرتين يعرض فيها الطلبة بعض المهارات التي تساعد في الحياة العملية مثل العمل الفرقي او الاقناع

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	Non

8- Written Exam Evaluation

9- Course enhancement:

Progress on actions identified in the previous year's action plan. State whether or not completed and give reasons for any non-completion:

9- Action plan for academic year 2014– 2015

Actions required	Completion date	Person responsible
Non	January 2015	Prof. Dr. مروه محمد فؤاد

Course coordinator: Prof. Dr. مروه محمد فؤاد

Signature:

Date: September 1, 2015

(GEN 353) ادارة أعمال دولية

Annual Course Report
Academic year 2014-2015

A- Basic Information

1- Course Code & Title:(GEN 353) ادارة أعمال دولية

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

Electronic Engineering and Communication Technology BSc Program

Computer Engineering and Information Technology BSc Program

3- Year/Level of program: 10th Semester

4- Credit hours

Credit	2 hrs	Lectures	2 hrs	Tutorial	-	Practical	-
--------	-------	----------	-------	----------	---	-----------	---

5- Names of lecturers contributing to the delivery of the course: Prof. Dr. شيماء لطفى

6- Course coordinator: Prof. Dr شيماء لطفى

7- External evaluator: Non

B- Statistical Information

19- No. of students attending the course:

No.	٢٥٠	100	%
No.	٢٣٧	٨٤.٤	%

20- No. of students completing the course:

21- Results:

	No.	%
Passed	٢٣٧	٨٤.٤
Failed	١٣	٥.٦

Grading of successful students:		
Grade	No.	%
Excellent	٠	٠
Very Good	٦	١٣.٦
Good	10	22.7
Pass	8	18.2

C- Professional Information

1 – Course teaching

Topic	Total hours		Lecturer
	Plan.	Actual	
مفهوم الادارة			Prof. Dr. شيماء لطفى
مفهوم التخطيط			
صناعة و اتخاذ القرارات			
الهيكل التنظيمية			
القيادة و التوجيه			
ادارة الأعمال الدولية			
مفهوم ادارة الجودة الشاملة			
Total hours			

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

Achieved program intended learning outcomes, ILO's:

Knowledge & Understanding	Intellectual skills	Applied Skills	General transferable skills
a1 to a3	b1 to b3	-	d1 to d3

2- Teaching and learning methods:

Lectures:	Lecture, discussions, tutorials, problem solving and modeling
Practical training/ laboratory:	Non
Seminar/Workshop:	Lecture
Class activity	Non
Case Study:	Selected case studies
Other assignments/homework:	Bi-weekly assignments and reports
If teaching and learning methods were used other than those specified, give reasons:	Non

3- Student assessment:

Method of assessment	Points	%
Written examination	70	70
Oral examination	Non	0
Practical/laboratory work	Non	0
Other assignments/class work	30	30
Mid-Term Exam	Non	0
Total	100	100

Members of examination committee: Dr. شيماء لطفى

Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	
Inadequate	

List any inadequacies: Non

5- Administrative constraints (List any difficulties encountered)

➤ Non

6- Student evaluation of the course:

Non

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	Non

8- Written Exam Evaluation

9- Course enhancement:

Progress on actions identified in the previous year's action plan. State whether or not completed and g

reasons for any non-completion:

9- Action plan for academic year 2014– 2015

Actions required	Completion date	Person responsible
Non	January 2015	Prof. Dr shimaa lotfy

Course coordinator: Prof. Dr. شيماء لطفى

Signature:

Date: September 1, 2015

**(MEC 101) Mechanics
Annual Course Report
Academic year 2014-2015**

A- Basic Information

1- Course Code & Title: (MEC 101) Mechanics

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

Manufacturing Engineering and Production Technology BSc Program
Electronic Engineering and Communication Technology BSc Program
Computer Engineering and Information Technology BSc Program
Architecture Engineering and Building Technology BSc Program

3- Year/Level of program: First Year/First Semester

4- Credit hours

Credit	2 hrs	Lectures:	1 hrs	Tutorial	3 hrs	Practical	
--------	-------	-----------	-------	----------	-------	-----------	--

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

Prof. Dr. Eng. Hassan Awad / Dr. Moamen Wafaie & Dr. Shymaa Lotfy

6- Course coordinator: Prof. Dr. Eng. Hassan Awad

7- External evaluator: Non

B- Statistical Information

22- No. of students attending the course:

No.	1200	100	%
-----	------	-----	---

23- No. of students completing the course:

No.	1126	93.8	%
-----	------	------	---

24- Results:

	No.	%
Passed	899	79.8
Failed	227	20.2

Grading of successful students:		
Grade	No.	%
Excellent	135	12.2
Very Good	183	16.1
Good	236	20.9
Pass	345	30.6

C- Professional Information

1 – Course teaching

Topic				Tutorial hours
1	Forces in plane	2	4	2
2	Component of a Force- Rectangular Component – Resultant	2	5	3
3	Force in space	4	10	6
4	Force defined by its magnitude and two points on its line of action	2	6	4
5	Moment of a force about a point	2	4	2
6	Rectangular Components of the moment of a Force	2	6	4
7	Moment of a fore about a specified axis- moment of a couple	2	6	4
8	Equivalent system – Resultants of a force and couple sys	3	7	4
9	Support reaction in plane	4	10	6
10	Support reaction in space	3	7	4
11	Trusses	4	10	6

	Total hours	30	75	45
--	--------------------	-----------	-----------	-----------

Topics taught as a percentage of the content specified: More than 95 %

Reasons in detail for not teaching any topic:

Non

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

Non

Achieved program intended learning outcomes, ILO's:

Knowledge & Understanding	Intellectual skills	Applied Skills	General transferable skills
a1 to a5	b1 to b6	None	d1 to d3

2- Teaching and learning methods:

Lectures: Lecture, discussions, tutorials, problem solving

Practical training/ laboratory:

Seminar/Workshop:

Class activity Numerical exercises; solution of problems

Case Study: Selected case studies

Other assignments/homework: Bi-weekly assignments and reports

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

3- Student assessment:

Method of assessment	Points	%
Written examination	70	70
Oral examination	Non	0
Practical/laboratory work	Non	0
Other assignments/class work	15	15
Mid-Term Exam	15	15
Total	100	100

Members of examination committee: Prof. Dr. Eng. Hassan Awad ,
Dr. Moamen Wafaie and
Dr. Shymaa Loffy

Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	
Adequate to some extent	Yes
Inadequate	

List any inadequacies: Non

5- Administrative constraints (List any difficulties encountered)

➤ Non

6- Student evaluation of the course:

List any criticisms	Response of course team
---------------------	-------------------------

(a)	It is recommended to solve more examples in the exercises	Only a balanced proportion of numerical exercises are solved in the class, the rest are presented as assignments
(b)	The assignment are corrected without giving detailed comments concerning the correct answers	The correct results of problems solutions of problems will be presented during the exercises periods
(c)	It is recommended to announce the points of mid- term, rather than the grades.	The form and timing of declaration of year work evaluation results follow the Academy policy.

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- Low success percentage in question 4 of the final written exam implies the need to revise the teaching and learning activity of the control system stability analysis and design of convenient controller, by adding more exercises, assignments reports and quizzes.
- The whole exam result shows considerable weakness in report writing and English language level.

9- Course enhancement:

Progress on actions identified in the previous year's action plan. State whether or not completed and give reasons for any non-completion:

Actions required	Planned Completion date	Accomplishment
None	None	None

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
None	None	None

Course coordinator: Prof. Dr. Eng. Hassan Awad

Signature:

Date: September 24, 2015

MEC 102 : Mechanics-2

Annual Course Report Academic year 2012-2013

A- Basic Information

- 1- Course Code & Title: MEC 102 : Mechanics-2
2- Program(s) on which this course is given: Basic science department

3- Year/Level of program: second Semester

4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Prof. Dr.Hassan Awad

6- Course coordinator: Prof.Dr. Hassan Awad

7- External evaluator: Non

B- Statistical Information

- 1- No. of students attending the course:
2- No. of students completing the course:

No.	1221	100	%
No.	1221	1000	%

3- Results:

	No.	%
Passed	1014	83.05
Failed	207	16.95

Grading of successful students:		
Grade	No.	%
Excellent	174	14.25
Very Good	209	17.12
Good	283	23.18
Pass	348	28.5

C- Professional Information

1 - Course teaching Topics taught as a percentage of the content specified:

>90 % 100 70-90 % <70%

Contents

Topic	Lecture hours	Tutorial hours
➤ Rectilinear Motion of particles.	1	4
➤ Determination of the motion of a particle.	1	4
➤ Graphical Solution of Rectilinear Motion.	1	4
➤ Curvilinear Motion of particle, Free Flight Motion.	2	4
➤ Curvilinear Motion of particle:		

➤ Normal and Tangent.	1	4
➤ Plane Curvilinear Motion.	1	4
➤ Polar Coordinates.	1	4
➤ Kinetics of Particles, Force and acceleration.	2	4
➤ Kinetics of Particles Energy and Momentum Methods	2	4
➤ Motion under a conservative central force.	1	4
➤ Principle of Impulse and Momentum for particle.	2	5
Total hours	15	45

Reasons in detail for not teaching any topic

Non

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

Non

Achieved program intended learning outcomes, ILO's:

Knowledge & Understanding	Intellectual skills	Applied Skills	General transferable skills
a1 to a5	b1 to b2	c1 to c3	d1 to d2

2- Teaching and learning methods:

Lectures: Lecture, discussions, problem solving and modeling

Practical training/ laboratory: Non

Seminar/Workshop: Lecture

Class activity: Non.

Case Study: Selected case studies

Other assignments/homework: Bi-weekly assignments and reports

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

3- Student assessment:

Method of assessment	Points	%
Written examination	70	70
Oral examination	Non	0
Practical/laboratory work	Non	0
Other assignments/class work	20	20
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Prof.Dr. Hassan Awad

Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	Yes
------------------	-----

Adequate to some extent	
Inadequate	
Non	

List any inadequacies:

5- Administrative constraints (List any difficulties encountered)

➤ Non

6- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	Non

7- Written Exam Evaluation

8- Course enhancement:

Progress on actions identified in the previous year's action plan. State whether or not completed and give reasons for any non-completion: Non

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
Non	December 2013	Prof. Dr. Hassan Awad

Course coordinator: Prof. Dr . Hassan Awad

Signature:

Date: December , 2013

**(MTH 207) Numerical Analysis
Annual Course Report**

Academic year 2014-2015

A- Basic Information

1- Course Code & Title: (MTH 207) Numerical Analysis

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

Manufacturing Engineering and Production Technology BSc Program

3- Year/Level of program: Sophomore, Fourth Semester

4- Credit hours

Credit	3 hrs.	Lectures:	2 hrs.	Tutorial	2 hrs.	Practical
--------	--------	-----------	--------	----------	--------	-----------

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

Dr. S. Shenawy

6- Course coordinator: Dr. Sameh Shenawy

7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:

No.	142	100	%
No.	142	100	%

2- No. of students completing the course:

3- Results:

	No.	%
Passed	114	80
Failed	28	20

Grading of successful students:		
Grade	No.	%
Excellent	14	9.85
Very Good	17	11.97
Good	35	24.65
Pass	48	33.8

C- Professional Information

1 – Course teaching

Topic		Lecture	Actual	Tutorial hours
1	Curve fitting and linear Approximation of a function.	3	3	3
2	Polynomial interpolation and error estimation in the interpolation formula	2	2	2
3	Lagrange interpolation	2	2	2
4	Newton –interpolation	2	2	2
5	Hermit interpolation.	2	2	2
6	Newton-Cotes formula, composite Newton-cotes formula	2	2	2
7	Romberg – Steifel integration method.	2	2	2
8	Numerical solution of initial value problems	3	2	2
9	Numerical solution of first order methods Runge- Kutta methods	4	2	2
10	Multistep methods.	2	2	2
11	Numerical solution of linear and non-linear equation, Gauss-Seidel method.	4	4	4
12	Numerical solution of nonlinear equations the fixed point iteration method,	2	2	2
13	Newton-Raphson method.	2	2	2
Total hours		30	27	27

Topics taught as a percentage of the content specified:

More than 95 %

Reasons in detail for not teaching any topic:

Non

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

Non

Achieved program intended learning outcomes, ILO's:

A1,A5,B1,B2,B3,B11,D3,D4,D7

2- Teaching and learning methods:

Lectures: Lecture, discussions, tutorials, problem solving
Class activity Numerical exercises; solution of problems
Case Study: Selected case studies
Other assignments/homework: Bi-weekly assignments and reports

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

3- Student assessment:

Method of assessment	Points	%
Written examination	70	70
Oral examination	Non	0
Practical/laboratory work	Non	0
Other assignments/class work	15	15
Mid-Term Exam	15	15
Total	100	100

Members of examination committee: Dr. S. Shenawy

Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	
Adequate to some extent	Yes
Inadequate	

List any inadequacies:

This needs a computer Lab

5- Administrative constraints (List any difficulties encountered)

List any criticisms	Response of course team
Announcing of assignments grades	We will announce these grades.

7- Comments from external evaluator(s):

Comment	Response of course team
None	None

8- Written Exam Evaluation

The results of the course are normally distributed with mean at 70% and with standard deviation 20. This means that the main objectives of the course are achieved for most of the students.

9- Course enhancement:

Progress on actions identified in the previous year's action plan. State whether or not completed and give reasons for any non-completion:

Actions required	Planned Completion date	Accomplishment
Adding applications in manufacturing technology.	Done	None

9- Action plan for academic year 2014 – 2015

Actions required	Completion date	Person responsible
A complete sheet describing students assessments.	Annually starting from May 2016	Dr. S. Shenawy

Course coordinator: Prof. Dr. S. Shenawy

Signature:

Date: July 15, 2015

(MTH 208) Statistical Mathematics for Architectural Engineering
Annual Course Report
Academic year 2014-2015

A- Basic Information

1- Course Code & Title: (MTH 208) Statistical Mathematics for Architectural Engineering

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

Architecture Engineering and Building Technology BSc Program

3- Year/Level of program: Sophomore, Fourth Semester

4- Credit hours

Credit	2 hrs.	Lectures:	1 hrs.	Tutorial	3 hrs.	Practical	
--------	--------	-----------	--------	----------	--------	-----------	--

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

Dr. S. Shenawy

6- Course coordinator: Dr. S. Shenawy

7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course: No.

426	100 %
-----	-------

2- No. of students completing the course: No.

426	100 %
-----	-------

3- Results:

	No.	%
Passed	357	83.8
Failed	69	16.2

Grading of successful students:		
Grade	No.	%
Excellent	53	12.4 4
Very Good	55	12.9 1
Good	101	23.7

Pass	148	34.7 4
------	-----	-----------

C- Professional Information

1 – Course teaching

Topic		Lecture	Actual	Tutorial hours
1	Functions, curve equation relationship.	1	1	3
2	Set theory, Random events, and probability functions.	1	1	2
3	Mathematical expectation.	1	1	2
4	Conditional probability.	1	1	2
5	Discrete distribution.	1	1	2
6	Binomial distribution.	1	1	2
7	Continuous distribution.	1	1	2
8	Normal distribution.	1	1	2
9	Sampling and the central limit theorem.	1	1	2
10	Estimation, hypothesis testing.	1	1	2
11	Regression and correlation.	1	1	4
12	Chi-square analysis and analysis of variance.	1	1	2
Total hours		15	15	45

Topics taught as a percentage of the content specified:

More than 95 %

Reasons in detail for not teaching any topic:

Non

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

Non

Achieved program intended learning outcomes, ILO's:

A1, A2, A5, B1, B2, B3, B7, B11, C1, C2, C12, D3, D4, D7

2- Teaching and learning methods:

Lectures: Lecture, discussions, tutorials, problem solving
Class activity Exercises; solution of problems
Case Study: Selected case studies
Other assignments/homework: Bi-weekly assignments and reports

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

3- Student assessment:

Method of assessment	Points	%
Written examination	70	70
Oral examination	Non	0
Practical/laboratory work	Non	0
Other assignments/class work	15	15
Mid-Term Exam	15	15
Total	100	100

Members of examination committee: Dr. S. Shenawy

Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	
Adequate to some extent	Yes
Inadequate	

List any inadequacies:

This needs a computer Lab

5- Administrative constraints (List any difficulties encountered)

Non

6- Student evaluation of the course:

List any criticisms	Response of course team
They want to study announcing the assessment grades.	They are completely right. Next semester we will announce the assessment results.

7- Comments from external evaluator(s):

Comment	Response of course team
None	None

8- Written Exam Evaluation

The results of the course are normally distributed with mean at 68% and with standard deviation 18. This means that the main objectives of the course are achieved for most of the students.

9- Course enhancement:

Progress on actions identified in the previous year's action plan. State whether or not completed and give reasons for any non-completion:

Actions required	Planned Completion date	Accomplishment
Adding applications in Architectural	Done	None

and building technology.		
--------------------------	--	--

9- Action plan for academic year 2014 – 2015

Actions required	Completion date	Person responsible
A complete sheet describing the student assessment process	Annually starting from May 2016	Dr. S. Shenawy

Course coordinator: Dr. S. Shenawy

Signature:

Date: July 24, 2015

(MTH 305) Introduction to Prob. and Statistics

Annual Course Report

Academic year 2014-2015

A- Basic Information

1- Course Code & Title: (MTH 305) Introduction to Prob. and Statistics

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

Computer Engineering and Information Technology BSc Program
 Electronic Engineering and Communication Technology BSc Program

3- Year/Level of program: Fifth Semester (Junior)

4- Credit hours

Credit:	2 hrs.	Lectures:	1 hrs.	Tutorial:	3 hrs.	practical	-
----------------	--------	------------------	--------	------------------	--------	------------------	---

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

Dr. S. Shenawy

6- Course coordinator: Dr. S. Shenawy

7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:

No.	197	100	%
No.	197	100	%

2- No. of students completing the course:

3- Results:

	No.	%
Passed	172	87.31
Failed	25	12.69

Grading of successful students:		
Grade	No.	%
Excellent	30	15.23
Very Good	49	24.87
Good	50	25.38
Pass	43	21.83

C- Professional Information

1 – Course teaching

Topic		Lecture	Actual	Tutorial hours
1	Introduction, Sample space, Axioms of probability	2	2	6
2	Conditional probability Bay's theorem	2	2	6
3	Random variables.	1	1	3
4	Binomial distribution.	2	2	6
5	Normal distribution.	1	1	3
6	Cumulative distribution.	1	1	3
7	Standard normal distribution.	1	1	3
8	Introduction to Statistics, measure of location (sample mean)	2	1	6
9	Median and mode.	1	1	3
10	Measures of variations	2	2	6
Total hours		15	14	45

Topics taught as a percentage of the content specified: More than 90 %

Reasons in detail for not teaching any topic:

Non

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

Non

Achieved program intended learning outcomes, ILO's:

A1, A2, A5, B1, B2, B3, B7, B11, C1, C2, C12, D3, D7

2- Teaching and learning methods:

Lectures:

Lecture, discussions, tutorials, problem solving

Class activity Exercises; solution of problems
Case Study: Selected case studies
Other assignments/homework: Bi-weekly assignments and reports

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

3- Student assessment:

Method of assessment	Points	%
Written examination	70	70
Oral examination	Non	0
Practical/laboratory work	Non	0
Other assignments/class work	15	15
Mid-Term Exam	15	15
Total	100	100

Members of examination committee: Dr. S. Shenawy

Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	
Inadequate	

List any inadequacies:

5- Administrative constraints (List any difficulties encountered)

Non

6- Student evaluation of the course:

	List any criticisms	Response of course team
(a)	They want more exercises in the class and more practice problems.	They are completely right. Next semester we will do this.

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	Non

8- Written Exam Evaluation

The results of the course are normally distributed with mean at 72% and with standard deviation 15. This means that the main objectives of the course are achieved for most of the students.

9- Course enhancement:

Progress on actions identified in the previous year's action plan. State whether or not complete and give reasons for any non-completion:

Actions required	Planned Completion date	Accomplishment
This is the first semester	Non	Non

9- Action plan for academic year 2014 – 2015

Actions required	Completion date	Person responsible
Adding more examples and practice problems to class works	June 2015	Dr S. Shenawy

Course coordinator: Dr. S. Shenawy

Signature:

Date: September 11, 2015

(MTH 305) Introduction to Prob. and Statistics
Annual Course Report
Academic year 2014-2015

A- Basic Information

1- **Course Code & Title:** (MTH 305) Introduction to Prob. and Statistics

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

Manufacturing Engineering and Production Technology BSc Program

3- **Year/Level of program:** Fifth Semester (Junior)

4- **Credit hours**

Credit: 3 hrs **Lectures:** 2 hrs **Tutorial:** 2 hrs

5- **Names of lecturers contributing to the delivery of the course:** Dr. S. Shenawy

6- **Course coordinator:** Dr. S. Shenawy

7- **External evaluator:** Non

B- Statistical Information

1- **No. of students attending the course:**

No.	109	100	%
No.	109	100	%

2- **No. of students completing the course:**

3- **Results:**

	No.	%
Passed	95	87.16
Failed	14	12.84

Grading of successful students:		
Grade	No.	%
Excellent	13	15.23
Very Good	29	24.87
Good	28	25.38
Pass	25	22.94

C- Professional Information

1 – Course teaching

Topic		Lecture	Actual	Tutorial hours
1	Introduction, Sample space, Axioms of probability	2	2	6
2	Conditional probability Bay's theorem	2	2	6
3	Random variables.	1	1	3
4	Binomial distribution.	2	2	6
5	Normal distribution.	1	1	3
6	Cumulative distribution.	1	1	3
7	Standard normal distribution.	1	1	3
8	Introduction to Statistics, measure of location (sample mean)	2	1	6
9	Median and mode.	1	1	3
10	Measures of variations	2	2	6
Total hours		15	14	45

Topics taught as a percentage of the content specified: More than 90 %

Reasons in detail for not teaching any topic:

Non

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

Non

Achieved program intended learning outcomes, ILO's:

A1, A2, A5, B1, B2, B3, B7, B11, C1, C2, C12, D3, D7

2- Teaching and learning methods:

Lectures:	Lecture, discussions, tutorials, problem solving
Class activity	Exercises; solution of problems
Case Study:	Selected case studies
Other assignments/homework:	Bi-weekly assignments and reports

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

3- Student assessment:

Method of assessment	Points	%
Written examination	70	70
Oral examination	Non	0
Practical/laboratory work	Non	0
Other assignments/class work	15	15
Mid-Term Exam	15	15
Total	100	100

Members of examination committee: Dr. S. Shenawy

Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	

Inadequate	
------------	--

List any inadequacies:

5- Administrative constraints (List any difficulties encountered)

Non

6- Student evaluation of the course:

	List any criticisms	Response of course team
(a)	They want to study some applications in manufacturing and production technology.	They are completely right. Next semester we will add such examples.

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	Non

8- Written Exam Evaluation

The results of the course are normally distributed with mean at 68% and with standard deviation 18. This means that the main objectives of the course are achieved for most of the students.

9- Course enhancement:

Progress on actions identified in the previous year's action plan. State whether or not completed and give reasons for any non-completion:

Actions required	Planned Completion date	Accomplishment
This is the first semester	Non	Non

9- Action plan for academic year 2014 – 2015

Actions required	Completion date	Person responsible
Adding more examples related to manufacturing technology	June 2015	Dr S. Shenawy

Course coordinator: Prof. Dr S. Shenawy

Signature:

Date: January 11, 2015

(PHY 101) Physics
Annual Course Report
Academic year 2014-2015

A- Basic Information

1- Course Code & Title: (PHY 101) Physics

2- Program(s) on which this course is given: Manufacturing Engineering and Production Technology BSc Program
Electronic Engineering and Communication Technology BSc Program
Computer Engineering and Information Technology BSc Program
Architecture Engineering and Building Technology BSc Program

3- Year/Level of program: First Year/Second Semester

4- Credit hours

Credit 3 hrs Lectures 2 hrs Tutorial 1 hrs Practical 2 hr

5- Names of lecturers contributing to the delivery of the course: Dr. Marwa Y. Shoeib

6- Course coordinator: Dr. Marwa Y. Shoeib

7- External evaluator: Non

B- Statistical Information

25- No. of students attending the course:

No.	1242	100	%
-----	------	-----	---

26- No. of students completing the course:

No.	1242	100	%
-----	------	-----	---

27- Results:

	No.	%
Passed	1136	91.47
Failed	106	8.53

Grading of successful students:		
Grade	No.	%
Excellent	461	37.12
Very Good	258	20.77
Good	214	17.23
Pass	203	16.34

C- Professional Information

1 – Course teaching

Topic	Total hours		Lecturer
	Plan.	Actual	
• Rotational motion and the Gravitational Law.	10	10	Prof. Dr. El-Tawab Kamal
• Elasticity and Energy Stored in a wire.	6	8	
• Fluid Flow and Fundamental Laws of Fluid Mechanics.	6	8	
• Viscosity and Poiseuille's Law	3	4	
• Temperature and Heat Transfer.	7	8	
• Thermodynamics and the Kinetic Theory of Gases.	6	8	
• Simple Harmonic Motion.	4	0	
• Wave Motion and Energy Transmitted by Sinusoidal Waves.	6	0	
• Sound waves and Doppler's Effect.	6	0	

Total hours	54	46	
--------------------	----	----	--

Topics taught as a percentage of the content specified: >90 % 70-90 % <70%

Reasons in detail for not teaching any topic:

There was no time

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

Non

Achieved program intended learning outcomes, ILO's:

Knowledge & Understanding	Intellectual skills	Applied Skills	General transferable skills
a1 to a7	b1 to b3	c1 to c4	d1 to d3

2- Teaching and learning methods:

Lectures: Lecture, discussions, tutorials and problem solving
 Practical training/ laboratory: Practical Training and experimental measurements in Lab
 Seminar/Workshop: Non
 Class activity: Exercises; solution of problems and data show.
 Other assignments/homework: Bi-weekly assignments and reports
 If teaching and learning methods were used other than those specified, give reasons: Non

3- Student assessment:

Method of assessment	Points	%
Written examination	60	60
Oral examination	Non	0
Practical/laboratory work	20	20
Other assignments/class work	10	10
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Dr. Marwa Y. Shoeib and Dr. Nagat A. Elmahdy

Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	
Inadequate	

List any inadequacies: Non

5- Administrative constraints (List any difficulties encountered)

➤ Non

6- Student evaluation of the course:

	List any criticisms	Response of course team
(a)	it is recommended to solve more examples in the exercises	Only a balanced proportion of exercises are solved in the class, the rest are presented as

		assignments
(b)	The assignment are corrected without giving detailed comments concerning the correct answers	The correct results of problems solutions of problems will be presented during the exercises periods
(c)	It is recommended to announce the points of mid- term, rather than the grades.	The form and timing of declaration of year work evaluation results follow the Academy policy.

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- High success percentage in the good level of the final written exam.
- The whole exam result shows considerable weakness in report writing and English language level.

9- Course enhancement:

Progress on actions identified in the previous year's action plan. State whether or not completed and give reasons for any non-completion:

Actions required	Planned Completion date	Accomplishment
(d) Adding more assignments reports and quizzes.	September 2015	(a) More assignments were prepared.
(e) The department discussed the need for more advanced laboratory experiences, especially in the area of Thermodynamics.		(b) Three experiments are already added on September 2014.

9- Action plan for academic year 2015 – 2016

Actions required	Completion date	Person responsible
<ol style="list-style-type: none"> 1. The department discussed the need for more advanced laboratory experiences. 2. Acquaint students with several lab apparatus and experimental demonstrations. Forming groups to conduct laboratory exercises. 3. Organize group participation in collecting physics bulletins, magazines, news letters etc., and other international collaborations. 	December 2016	All group members and course instructors

Course coordinator: Dr. Marwa Y. Shoeib

Signature:

Date: October 6, 2015

(PHY 102) Physics
Annual Course Report
Academic year 2014-2015

A- Basic Information

1- Course Code & Title: (PHY 102) Physics

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

Manufacturing Engineering and Production Technology BSc Program
Electronic Engineering and Communication Technology BSc Program
Computer Engineering and Information Technology BSc Program
Architecture Engineering and Building Technology BSc Program

3- Year/Level of program: First Year/Second Semester

4- Credit hours

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

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

Dr. El-Tawab Kamal / Dr. Abo el Yazeed B. Abo el Yazeed / Dr. Marwa Y. Shoeib & Dr. Nagat A. Elmahdy

6- Course coordinator: Dr. El-Tawab Kamal

7- External evaluator: Non

B- Statistical Information

28- No. of students attending the course:

No.	1025	100	%
No.	1025	100	%

29- No. of students completing the course:

30- Results:

	No.	%
Passed	881	85.95
Failed	144	14.05

Grading of successful students:		
Grade	No.	%
Excellent	47	5.33
Very Good	260	25.51
Good	244	27.70
Pass	330	37.46

C- Professional Information

1 – Course teaching

Topic	Total hours		Lecturer
	Plan.	Actual	
• Charge and Matter, The Electric Field, Gauss' law	10	12	Dr. El-Tawab Kamal
• Gauss's law applications	4	8	
• Electric Potential	6	6	
• Capacitors and Dielectric	4	6	
• Current and Resistance, Electromotive force and Circuits	8	8	
• Ampere's law, Inductance	6	6	
• Magnetic Properties of matter	4	0	
• Electromagnetic Waves, Physical Optics, Polarization of light	4	0	
• Interference of light, Diffraction of light	6	0	
• Diffraction of light, Some applications	2	0	

Total hours	54	46	
--------------------	----	----	--

Topics taught as a percentage of the content specified: >90 % 70-90 % <70%

Reasons in detail for not teaching any topic:

There was no time

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

Non

Achieved program intended learning outcomes, ILO's:

Knowledge & Understanding	Intellectual skills	Applied Skills	General transferable skills
a1 to a7	b1 to b3	c1 to c4	d1 to d3

2- Teaching and learning methods:

Lectures: Lecture, discussions, tutorials and problem solving

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

Seminar/Workshop: Non

Class activity Exercises; solution of problems and data show.

Other assignments/homework: Bi-weekly assignments and reports

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

3- Student assessment:

Method of assessment	Points	%
Written examination	60	60
Oral examination	Non	0
Practical/laboratory work	20	20
Other assignments/class work	10	10
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Dr.El-Tawab Kamal, Prof. Dr. Abo el Yazeed B. Abo el Yazeed, Dr. Marwa Y. Shoeib and Dr. Nagat A. Elmahdy

Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	
Inadequate	

List any inadequacies: Non

5- Administrative constraints (List any difficulties encountered)

➤ Non

6- Student evaluation of the course:

	List any criticisms	Response of course team
(a)	it is recommended to solve more examples in the exercises	Only a balanced proportion of exercises are solved in the class, the rest are presented as assignments
(b)	The assignment are corrected without giving detailed comments concerning the correct answers	The correct results of problems solutions of problems will be presented during the exercises periods
(c)	It is recommended to announce the points of mid- term, rather than the grades.	The form and timing of declaration of year work evaluation results follow the Academy policy.

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- High success percentage in the good level of the final written exam.
- The whole exam result shows considerable weakness in report writing and English language level.

9- Course enhancement:

Progress on actions identified in the previous year's action plan. State whether or not completed and give reasons for any non-completion:

Actions required	Planned Completion date	Accomplishment
31- Add more experiments to Physics Laboratory	December 2018	Four experiments are already added on September 2015. One more is planned for May 2017

9- Action plan for academic year 2013 – 2014

Actions required	Completion date	Person responsible
1. adding more assignments reports and quizzes for Chapters 1 and 4	December 2016	Prof. Dr. El-Tawab Kamal

Course coordinator: Dr El-Tawab Kamal

Signature:

Date: September 2015

2nd year Architecture

S	Course	
	Code	Title
1	MTH 208	Statistical Mathematics for Arch. Engineering (8)
3	ARC 221	Architectural Design 1
2	ARC 211	Architectural Construction 1
4	ARC 213	Building Technology
5	ARC 214	Computer Applications 1
6	ARC 220	Theories of Architecture (1)
7	ARC 215	Properties & Resistance of Materials
8	ARC 223	Visual Training (1)
9	ARC 212	Architectural Construction 2
10	ARC 222	Architectural Design 2
11	ARC 241	History of Architecture (1)
12	ARC 216	Surveying
13	ARC 217	Theory of Structures
14	ARC 218	Sciagraphy and perspective

MTH208 Mathematics -8
Annual Course Report
Academic year 2014-2015

A- Basic Information

1- Title and code: MTH208 Mathematics -8

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

3- Year/Level of program: Sophomore -Level 2 – 4th Semester

4- Unit hours

Credit Hours: 2	Lectures: 1	Tutorial/Exercise: 3	Practical: -	Pre-requisite: MTH102
-----------------	-------------	----------------------	--------------	--------------------------

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

Prof. Dr. Osama El Giar

6. Course coordinator: Prof. Dr. Osama El Giar

B- Statistical Information

No. of students attending the course: No. %

	No.	%
Passed	327	84.49
Failed	60	15.5

Grading of successful students

Grade	Student No.	%
A+	10	2.5
A	13	3.3
A-	29	7.4
B+	30	7.7
B	25	6.46
C+	43	11.11
C	46	11.88
D+	28	7.2
D	41	10.59
D-	62	16
F	60	15.5

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 % 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

Site Visits

Seminar/Workshop:

Weekly

Class activity: Exercises, Quizzes

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

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

Role of external evaluator

4- Facilities and teaching materials:

Totally adequate

Adequate to some extent

Inadequate

List any inadequacies

Course coordinator: Prof. Dr. Osama El Giar

Signature:

Date: August 2015

ARC 221 Architectural Design 1
Annual Course Report
Academic year 2014-2015

A- Basic Information

1- Title and code : ARC 221 Architectural Design 1

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

Architecture Engineering and Building Technology

3- Year/Level of program: Sophomore -Level 2 - 3rd Semester

4- Unit hours

Credit Hours: 3	Lectures: 1	Tutorial:6	Practical: -	Pre-requisite: None
-----------------	-------------	------------	--------------	---------------------

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

Prof. Dr. Ibrahim Gouda

6- Course coordinator: Prof. Dr. Ibrahim Gouda

7- External evaluator: None

B- Statistical Information

No. of students attending the course (FALL) : No. %

Results:

	No.	%
Passed	401	91.6
Failed	37	8.2

Grading of successful students

Grade	Student No.	%
A+	0	0
A	1	0.2
A-	15	3.4
B+	25	5.7
B	41	9.4
C+	65	14.8
C	102	23.4
D+	43	9.88
D	65	14.8
D-	44	10.1
F	37	8.2

No. of students attending the course (SPRING) : No. %

Results:

	No.	%
Passed	45	95.7
Failed	2	4.2

Grading of successful students

Grade	Student No.	%
A-	3	6.3
B+	7	14.8
B	12	25.5
C+	8	17
C	5	10.6
D+	8	17
D-	2	4.2
F	2	4.2

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Practical hours
1. First Project : Dream House :Analysis of program elements	1	6	
2. Research on residential buildings	1	6	
3. Zoning (bubble diagram – matrix of function)	1	6	
4. 3d modeling (masses + site)	1	6	
5. Concept development till final approval	1	6	
6. Drawing layout by using glass box +4 elevations	1	6	
7. Mid-Term Exam	1	6	
8. Drawing final layout (to scale)	1	6	
9. Drawing Ground floor plan	1	6	
10. Final plans	1	6	
11. Final elevations	1	6	
12. Drawing 2 sections	1	6	
13. Final sections	1	6	
14. Drawing final skis (pre-complete project)	1	6	
15. Representing final project & Jury	1	6	
Total hours	15	90	

Topics taught as a percentage of the content specified:

>90 % 70-90 % <70%

Reasons in detail for not teaching any topic Non

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

2- Teaching and learning methods:

Lectures: lecturing using the White board and Data Show

Practical training/ laborat: Site Visits

Seminar/Workshop: Weekly

Class activity:

Drawing Exercises, sketches Quizzes, study models

Case Study: Non

Other assignments/homework: Bi-weekly assignments

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

3- Student assessment:

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. Ibrahim Gouda

Role of external evaluator Non

4- Facilities and teaching materials:

Totally adequate

.Yes.

Adequate to some extent

.....

Inadequate

.....

List any inadequacies

Non

Course coordinator: Prof. Dr. Ibrahim Gouda

Signature:

Date: August 2015

ARC 211 Architectural Construction 1

Annual Course Report

Academic year 2014-2015

A- Basic Information

1- Title and code : ARC 211 Architectural Construction 1

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

Architecture Engineering and Building Technology

3- Year/Level of program: Sophomore -Level 2 - 3rd Semester

4- Unit hours

Credit Hours: 3	Lectures: 2	Tutorial:3	Practical: -	Pre-requisite: None
-----------------	-------------	------------	--------------	---------------------

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

Dr. Anaheed Maher Waked

6 - Course coordinator: Dr. Anaheed Maher Waked

7 - External evaluator: None

B- Statistical Information

No. of students attending the course (FALL): No. %

Results:

	No.	%
Passed	400	92.2
Failed	34	7.8

Grading of successful students

Grade	Student No.	%
A+	20	4.6
A	49	11.29
A-	45	10.36
B+	48	11.06
B	56	12.9
C+	41	9.44
C	69	15.89
D+	9	2.07
D	36	8.295
D-	27	6.22

F	34	7.8
---	----	-----

No. of students attending the course (SPRING): No. %

Results:

	No.	%
Passed	45	95.75
Failed	2	4.25

Grading of successful students

Grade	Student No.	%
A	2	4.25
A-	1	2.12
B+	2	4.25
B	5	10.63
C+	3	6.38
C	9	19.14
D+	9	19.14
D	7	14.89
D-	7	14.89
F	19	4.2

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Lecturer
1. Introduction & Elements of Building.	2	3	Dr. Anahed Waked
2. Sequence of Building Construction.	2	3	
3. Construction Systems: Bearing walls.	2	3	
4. Construction Systems: Skeleton Construction.	2	3	
5. Foundations: Surface foundations.	2	3	
6. Foundations: Deep foundations.	2	3	
7. Mid Term Exam (M. T1).	2	3	
8. Brick walls: Types of brick & mortar	2	3	
9. Brick wall bonding: English Bond & Flemish Bond.	2	3	
10. Masonry walls: Classifications of stones – walling philosophy.	2	3	
11. Masonry walls: Sills – Cornices – Copings.		3	
12. Roof Structures: Linear structural elements – Surface resistant.	2	3	
13. R.C. floors & steel floors: Sections and details.	2	3	
14. Revision	2	3	

15. Revision	2	3
Total hours	30	45

Topics taught as a percentage of the content specified:

>90 % 70-90 % <70%

Reasons in detail for not teaching any topic Non

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

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:

Practical training/ laboratory:

Seminar/Workshop:

Two Seminars were arranged by the students:

- (a) Field studies in Architecture Construction
- (b) Construction Systems

Class activity: Drawing sheets, Freehand sketches

Researches: Field study research, Library research

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
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. Anaheed Maher

4- Facilities and teaching materials:

Totally adequate .Yes.

Adequate to some extent

Inadequate

List any inadequacies Non

5- Administrative constraints

List any difficulties encountered: None

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

Non

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

Review the targeted learning outcomes Increase the hours of lecturers
Increase the number of the assistants

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 2014– 2015

Actions required	Completion date	Person responsible
------------------	-----------------	--------------------

Non

Course coordinator: Dr. Anaheed Maher Waked

Signature:

Date: August 2015

ARC213: BUILDING TECHNOLOGY

Annual Course Report

Academic Year 2014-2015

A- Basic Information

1- Title and code : ARC213: BUILDING TECHNOLOGY

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

Architecture Engineering and building Technology

3- Year/Level of program: Sophomore -Level 2 - 3rd Semester

4- Unit hours

Credit Hours: 2	Lectures: 2	Tutorial: -	Practical: -	Pre-requisite: None
-----------------	-------------	-------------	--------------	---------------------

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

Dr. Asamer Zakaria

6- Course coordinator: Dr. Asamer Zakaria

7- External evaluator: None

B- Statistical Information

No. of students attending the course: No. 456. 100%

Results:

	No.	%
Passed	414	90.8
Failed	42	9.2

Grading of successful students

Grade	Student No.	%
A+	0	0
A	5	1.096
A-	6	1.315
B+	18	3.94
B	37	8.11
C+	76	16.66
C	200	43.85
D+	10	2.19
D	10	2.19
D-	52	11.4
F	42	9.2

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Practical hours
1- Introduction to building Technology.	2		
2- Construction Equipment (classifications & types).	2		
3- Construction Equipments(site,transportation&concrete equipments)	2		
4- Construction methods (traditional methods)	2		
5- Construction methods (new construction methods)1	2		
6- Construction methods (new construction methods)2			
7- Mid-Term Exam	2		
8- Construction methods (new construction methods)3	2		
9- Construction methods (new construction methods)4	2		
10- Future building technology & expected development in construction systems	2		
11- Prefabricated buildings.	2		
12- Modules of Prefabricated buildings.	2		
13- Structural units of Prefabricated buildings	2		
14- Prefabrication industry & construction future in Egypt	2		
15- Revision.	2		
Total hours	30		

Topics taught as a percentage of the content specified:

>90 %

70-90 %

<70%

Reasons in detail for not teaching any topic

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

Members of examination committee Dr. Asamer Zakaria

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:

List any criticisms

Response of course team

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

Review the professional and practical skills

Professional and practical skills had been updated

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 2014– 2015

Actions required	Completion date	Person responsible
1.		
2.		

Course coordinator: Dr. Asamer Zakaria

Signature:

Date:

August 2015

ARC 214 Computer Applications 1

Annual Course Report

Academic year 2014-2015

A- Basic Information

1- Title and code: ARC 214 Computer Applications 1

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

Architecture Engineering and building Technology

3- Year/Level of program: Sophomore -Level 2 - 3rd Semester

4- Unit hours

Credit Hours:4	Lectures: 2	Tutorial: 3	Practical: 2	Pre-requisite: CMP 110
----------------	-------------	-------------	--------------	------------------------

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

Dr. Reham Mostafa (CAD) & Dr. Ahmad Saleh (CAD)

6- Course coordinator : Dr. Reham Mostafa (CAD)

7- External evaluator:

B- Statistical Information

No. of students attending the course (FALL): No. %

Results:

	No.	%
Passed	313	95.7
Failed	14	4.3

Grading of successful students

Grade	Student No.	%
A+	2	0.611
A	9	2.75
A-	22	6.72
B+	54	16.5
B	59	18.04
C+	63	19.26
C	51	15.59
D+	35	10.70
D	13	3.97
D-	5	1.529
F	14	4.3

C- Professional Information

1 – Course Teaching

Topic	Lecture hours	Tutorial hours	Practical hours
1. Introduction & Getting Started	2	3	2
2. Drawing & Modifying Commands	2	3	2
3. Drawing & Modifying Commands	2	3	2
4. Layers Management	2	3	2
5. Advanced Layers Management	2	3	2
6. Revision	2	3	2
7. Mid Term Exam	2	3	2
8. Hatch Techniques & Blocks	2	3	2
9. Dimensions, Text & Project Introduction	2	3	2
10. Photo editing / Xref / Attributes / Design Centre / Tool Palettes	2	3	2
11. Plotting & Paper Space	2	3	2
12. Advanced Commands & Project Correction	2	3	2
13. Revision & Makeup classes	2	3	2
14. Project submission	2	3	2
15. Practical Exam	2	3	2
Total hours	30	45	30

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 labs.

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	<input type="checkbox"/> 40 %
Practical exam	<input type="checkbox"/> 20 %
Project	<input type="checkbox"/> 10%
Assignments/quizzes	<input type="checkbox"/> 20%
Mid-Term Exam	<input type="checkbox"/> 10%
Total	<input type="checkbox"/> 100 %

Members of examination committee Dr. Reham Mostafa(CAD)-a & Dr. Ahmad Saleh (CAD)-b

Role of external evaluator Non

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:

	List any criticisms	Response of course team
(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

Review the targeted learning outcomes

The learning outcomes have been resived

Updated references

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 2014 – 2015

Actions required	Completion date	Person responsible
None	None	None

Course coordinator: Dr. Reham Mostafa (CAD)& Dr. Ahmad Saleh (CAD)

Signature:

Date: August 2015

ARC 220 Theories of Architecture - (1)

Annual Course Report

Academic year 2014-2015

A- Basic Information

1- Title and code : ARC 220 Theories of Architecture - (1)

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

Architecture Engineering and Building Technology

3- Year/Level of program: Sophomore -Level 2 - 3rd Semester

4- Unit hours

Credit Hours: 2	Lectures: 2	Tutorial: -	Practical: -	Pre-requisite: None
-----------------	-------------	-------------	--------------	---------------------

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

Dr. Anaheed Maher Waked

6- Course coordinator: Dr. Anaheed Maher Waked

7- External evaluator: None

B- Statistical Information

No. of students attending the course (FALL): No. 434 % 100

Results:

	No.	%
Passed	410	94.5
Failed	24	5.5

Grading of successful students

Grade	Student No.	%
A+	3	0.701
A	9	2.10
A-	38	8.87
B+	41	9.6
B	63	14.5
C+	49	11.44
C	90	20.56
D+	38	8.87
D	41	9.57
D-	38	8.4
F	24	5.5

--	--	--

No. of students attending the course (SPRING):

No. 36 % 100

Results:

	No.	%
Passed	32	88.9
Failed	4	11.1

Grading of successful students

Grade	Student No.	%
A	1	2.77
A-	1	2.77
B	5	13.88
C+	4	11.1
C	6	16.66
D+	3	8.33
D	7	19.44
D-	5	13.88
F	4	11.1

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Practical hours
1. Introduction: about the relationship between architecture and theories of architecture.	2		
2. Architectural definitions and constrains	2		
3. Types and typologies of Buildings	2		
4. Design Process :-Briefing -Analysis	2		
5. Design Process: synthesis	2		
6. Design Process: Design- Appraisal Evaluation.- Communications	2		
7. Mid Term Exam	2		
8. Architectural Spaces is the basic of design and forming:1:- Architectural Spaces	2		
9. Architectural Spaces forming:2 :-Buildings and spaces elements	2		
10. Architectural Spaces forming: :circulation,vertical,horizontal	2		
11. Architectural Forming: Shape- Color- Texture	2		

12. The Principles of Architectural Forming Process:-	2		
13. Introduction about Architectural Theories: (Functionalism) , (Organism)	2		
14. Researches Discussion	2		
15. Researches Discussion	2		
Total hours	30		

Topics taught as a percentage of the content specified:

>90 % 70-90 % <70%

Reasons in detail for not teaching any topic

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

2- Teaching and learning methods:

Lectures :

Practical training/ laboratory:

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

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

Members of examination committee

Dr. Anaheed Maher Waked

Role of external evaluator

4- Facilities and teaching materials:

Totally adequate .Yes.

Adequate to some extent

Inadequate

List any inadequacies Non

5- Administrative constraints

List any difficulties encountered None

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

List any criticisms

7- Comments

from external evaluator(s): Response of course team

Review the targeted learning outcomes Increase the hours of lecturers

8- Course enhancement: Progress on actions identified in the previous year's action plan: This is the Second annual report

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

9- Action plan for academic year 2014 – 2015

Actions required	Completion date	Person responsible
Non		

Course coordinator: Dr .Anaheed Maher Waked

Signature:

Date: August2015

ARC 215: Properties & Resistance of Materials

Annual Course Report

Academic Year 2014-2015

A- Basic Information

1- Title and code : ARC 215: Properties & Resistance of Materials

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

Architecture Engineering and building Technology

3- Year/Level of program: level:Sophomore -Level 2 – 3rd Semester

4- Unit hours

Credit Hours:2	Lectures: 1	Tutorial:3	Practical: -	Pre-requisite:None
----------------	-------------	------------	--------------	--------------------

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

Dr. Adham El-Alfy Dr. Tamer Selim

6- Course coordinator: Dr. Adham El-Alfy

7- External evaluator: None

B- Statistical Information

No. of students attending the course (FALL): No. 416

% 100

Results:

	No.	%
Passed	400	96.15
Failed	16	3.85

Grading of successful students

Grade	Student No.	%
A+	8	1.92
A	41	9.85
A-	65	15.62
B+	69	16.58
B	58	13.94
C+	47	11.29
C	55	13.22
D+	14	3.36
D	21	5
D-	22	5.28
F	16	3.85

No. of students attending the course (Summer): No. %

Results:

	No.	%
Passed	12	100
Failed	-	-

Grading of successful students

Grade	Student No.	%
A+	1	
B+	3	
B	1	
C+	1	
C	3	
D+	1	
D	2	

C- Professional Information

1 – Course teaching

	Topic	Lecture hours	Tutorial hours	Practical hours
1	▪ Types of structures. Types of loads and supports.	2	3	
2	▪ Resultant of loads. Reactions.	2	3	
3	▪ Simple and compound beams.	2	3	
4	▪ Concentrated loads and moments.	2	3	
5	▪ Equilibrium and stability in planner statically determined structures.	2	3	
6	▪ Trussed beams.	2	3	
7	▪ Mid Term Exam	2	3	
8	▪ Internal forces definition / Simple frames, frames with link members, and closed frames..	2	3	
9	▪ Internal forces in beams, frames, and arches.	2	3	
10	▪ Trusses; definition, method of joints and method of sections.	2	3	

11	▪ Stability conditions.	2	3	
12	▪ Uniform and triangular loads.	2	3	
13	▪ Normal stresses	2	3	
14	▪ Shear stresses	2	3	
15	▪ Combined stresses	2	3	
	Total hours	30	45	

Topics taught as a percentage of the content specified:

>90 % 70-90 % <70%

Reasons in detail for not teaching any topic

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

2- Teaching and learning methods:

Lectures:

Practical training/ laboratory:

Seminar/Workshop:

Class activity:

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

Final examination

Oral examination ----

Practical/laboratory work ----

Assignments/class work

Mid-Term Exam

Total 100 %

Members of examination committee Dr. Adham El-Alfy

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

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):

Review the targeted learning outcome

Response of course team

the learning outcomes have been revised and simplified

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 2014– 2015

Actions required	Completion date	Person responsible
None	None	None

Course coordinator: Dr. Adham El-Alfy

Signature:

Date: August 2015

ARC 223 Visual Training (1)

Annual Course Report

Academic year 2014-2015

A- Basic Information

- 1- Title and code: ARC 223 Visual Training (1)
 2- Program(s) on which this course is given:
 Architecture Engineering and Building Technology
 3- Year/Level of program: level:Sophomore -Level 2 - 3rd Semester
 4- Unit hours

Credit Hours:2	Lectures: 1	Tutorial :3	Practical: -	Pre-requisite:None
----------------	-------------	-------------	--------------	--------------------

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

Dr. Mona El-Basyoni

6- Course coordinator: Dr. Mona El-Basyoni

7- External evaluator: None

B- Statistical Information

No. of students attending the course (FALL): No. %

Results:

	No.	%
Passed	21	100
Failed	0	0

Grading of successful students

Grade	Student No.	%
A-	1	4.76
B	3	14.28
C+	3	14.28
C	3	14.28
D+	4	19.048
D	4	19.048
D-	3	14.28
F	0	0

C- Professional Information

1 – Course teaching

	Topic	Lecture hours	Tutorial hours	Practical hours
1	Thickness of lines using pencil.	1	3	-
2	Texture of different materials using pencil	1	3	-
3	Copying a drawing with different scale.	1	3	-
4	Different techniques for sketching.	1	3	-
5	Sketching 2D drawings.	1	3	-
6	Sketching 2D drawings/ Presentation for different architectural drawings.	1	3	-
7	Mid Term Exam	1	3	-
8	Techniques for sketching 3D drawings	1	3	-
9	Rules for freehand perspective.	1	3	-
10	Techniques for sketching 3D drawings.	1	3	-
11	Sketching 3D drawings from nature.	1	3	-
12	Sketching 3D drawings from nature.	1	3	-
13	Sketching 3D drawings from nature.	1	3	-
14	Shade and shadows in 3D drawings	1	3	-
15	Shade and shadows in 3D drawings	1	3	-
	Total hours	15	45	-

Topics taught as a percentage of the content specified:

>90 % 70-90 % <70%

Reasons in detail for not teaching any topic

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

2- Teaching and learning methods:

Lectures:

Practical training:

Seminar/Workshop:

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 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

- The drawing tables aren't suitable for freehand sketching

6- Student evaluation of the course:

List any criticisms	Response of course team
non	non

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

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 non-completion None

9- Action plan for academic year 2014– 2015

Actions required	Completion date	Person responsible
Non.	-	-

Course coordinator: Dr. Mona El-Basyoni

Signature:

Date: August 2015

ARC 222 Architectural Design 2

Annual Course Report

Academic year 2014-2015

A- Basic Information

1- Title and code : ARC 222 Architectural Design 2

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

Architecture Engineering and Building Technology

3- Year/Level of program: Sophomore -Level 2 – 4th Semester

4- Unit hours

Credit Hours: 3	Lectures:1	Tutorial:6	Practical: -	Pre-requisite: ARC221
-----------------	------------	------------	--------------	-----------------------

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

Prof. Dr. Ibrahim Gouda

6- Course coordinator: Prof. Dr. Ibrahim Gouda

7- External evaluator: None

B- Statistical Information

No. of students attending the course (Spring) : No. %

Results:

	No.	%
Passed	379	95.7
Failed	17	4.2

Grading of successful students

Grade	Student No.	%
A	3	0.7
A-	12	3
B+	33	8.3
B	56	14.1
C+	52	13.1
C	109	27.5
D+	38	9.5
D	43	10.8
D-	33	8.3
F	17	4.2

No. of students attending the course (SUMMER) : No. 25 % 100

Results:

	No.	%
Passed	23	92
Failed	2	8

Grading of successful students

Grade	Student No.	%
B+	1	4
B	3	12
C+	1	4
C	5	20
D+	4	16
D	2	8
D-	7	28
F	2	8

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Practical hours
1. Choosing one project from 5 general projects	1	6	
2. Analysis of program elements	1	6	
3. Research on the chosen project	1	6	
4. Zoning (bubble diagram , matrix of functions	1	6	
5. 3D modeling (masses , site) , skis	1	6	
6. Concept development , skis	1	6	
7. Mid Term Exam	1	6	
8. Final plans	1	6	
9. Final sections	1	6	
10. Final elevations	1	6	
11. 3D perspectives	1	6	
12. Development project till final approval	1	6	
13. Representing project by digital media or manual method	1	6	

14. Representing project by digital media or manual method	1	6	
15. Representing final project , jury	1	6	
Total hours	15	90	

Topics taught as a percentage of the content specified:

>90 % 70-90 % <70%

Reasons in detail for not teaching any topic

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

2- Teaching and learning methods:

Lectures:

Practical training/ laborat: Site Visits

Seminar/Workshop: Weekly

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
Final examination	<input type="text" value="40 %"/>
Practical/laboratory work	<input type="text" value="-- --"/>
Other assignments/class work	<input type="text" value="20 %"/>
Other assignments/researches	<input type="text" value="20%"/>
Mid-Term Exam	<input type="text" value="20%"/>
Total	100 %

Members of examination committee: Prof. Dr. Ibrahim Gouda

Role of external evaluator

4- Facilities and teaching materials:

Totally adequate

.Yes.

Adequate to some extent

.....

Inadequate

.....

List any inadequacies

Non

Course coordinator: Prof. Dr. Ibrahim Gouda

Signature:

Date: August 2015

ARC212 Architectural Construction 2

Annual Course Report

Academic year 2015-2016

A- Basic Information

1- Title and code : ARC212 Architectural Construction 2

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

Architecture Engineering and Building Technology

3- Year/Level of program: Sophomore -Level 2 –4th Semester

4- Unit hours

Credit Hours:3	Lectures: 2	Tutorial:3	Practical: -	Pre-requisite: ARC 211
----------------	-------------	------------	--------------	------------------------

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

Dr. Sherif El-Sayed

6- Course coordinator: Dr. Sherif El-Sayed

7- External evaluator: None

B- Statistical Information

No. of students attending the course (FALL): No. 3

% 100

Results:

	No.	%
Passed	3	100
Failed	0	0

Grading of successful students

Grade	Student No.	%
B+	1	33.333
C	1	33.333
D+	1	33.333

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Lecturer
1. Introduction & Elements of Building.	2	3	Dr. Sherif El-Sayed
2. Sequence of Building Construction.	2	3	
3. Construction Systems: Bearing walls.	2	3	
4. Construction Systems: Skeleton Construction.	2	3	
5. Foundations: Surface foundations.	2	3	
6. Foundations: Deep foundations.	2	3	
7. Mid Term Exam (M. T1).	2	3	
8. Brick walls: Types of brick & mortar	2	3	
9. Brick wall bonding: English Bond & Flemish Bond.	2	3	
10. Masonry walls: Classifications of stones – walling philosophy.	2	3	
11. Masonry walls: Sills – Cornices – Copings.		3	
12. Roof Structures: Linear structural elements – Surface resistant.	2	3	
13. R.C. floors & steel floors: Sections and details.	2	3	
14. Revision	2	3	
15. Revision	2	3	
Total hours	30	45	

Topics taught as a percentage of the content specified:

>90 % 70-90 % <70%

Reasons in detail for not teaching any topic

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

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:

Practical training/ laboratory:

Seminar/Workshop:

Two Seminars were arranged by the students:

- (c) Field studies in Architecture Construction
- (d) 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. Sherif El-Sayed,

4- Facilities and teaching materials:

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

5- Administrative constraints

List any difficulties encountered: None

6- Student evaluation of the course:

Response of course team

Non

7- Comments from external evaluator(s):

Response of course team

Review the targeted learning outcomes Increase the hours of lecturers
Increase the number of the assistants

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 2016 – 2017

Actions required	Completion date	Person responsible
Non	Non	Non

Course coordinator: Dr. Sherif ElSayed

Signature:

Date: January 2016

ARC 241 History of Architecture(1)

Annual Course Report

Academic year 2014-2015

A- Basic Information

1. Title and code : ARC 241 History of Architecture(1)
2. Program(s) on which this course is given:
 Architecture Engineering and Building Technology
3. Year/Level of program: Sophomore -Level 2 –4th Semester
4. Unit hours

Credit Hours: 2	Lectures: 2	Tutorial: -	Practical: -	Pre-requisite: -
-----------------	-------------	-------------	--------------	------------------

5. Names of lecturers contributing to the delivery of the course
 Dr. Anaheed Maher Waked
6. Course coordinator: Dr. Anaheed Maher Waked
7. External evaluator : None

B- Statistical Information

No. of students attending the course (spring): No. %

Results:

	No.	%
Passed	305	93.3
Failed	29	6.6

Grading of successful students

Grade	Student No.	%
A+	9	2
A	20	4.6
A-	43	9.9
B+	65	14.9
B	51	11.7
C+	55	12.6
C	66	15.2
D+	31	7.1
D	34	7.8
D-	31	7.1
F	29	6.6

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Practical hours
1. -Introduction : about history of architecture Prehistoric architecture: <u>Ancient Egyptian</u>	2		
2. The pharaonic Character and Features	2		
3. The Architectural Buildings(Tombs)	2		
4. The Architectural Buildings (Temples)	2		
5. The Architectural Buildings(Temples)	2		
6. <u>The Hellenistic Architecture:</u>	2		
7. Mid Term Exam	2		
8. <u>Greek Architecture:</u> Character and Features			
9. The Greek Columns ,Temples, Buildings	2		
10. <u>The Roman Architecture:</u> Features -Columns- temples	2		
11. Buildings (theater-Amphitheater-....	2		
12. Seminars	2		
13. Researches Discussion	2		
14. Researches Discussion	2		
15. Revision	2		
Total hours	30		

Topics taught as a percentage of the content specified:

>90 % 70-90 % <70%

Reasons in detail for not teaching any topic 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: Seminars were arranged by the students: To Represent the Researches

Class activity:

Case Study:

Other assignments/homework:

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

3- Student assessment:

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

Members of examination committee Dr. Anaheed Maher Waked

Role of external evaluator Non

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

7- Comments from external evaluator(s):

Response of course team

Review the targeted learning outcomes

Increase the hours of lecturers

Review professional skills

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 non-completion Non

9- Action plan for academic year 2014– 2015

Actions required

Completion date

Person responsible

Non

Course coordinator: Dr .Anaheed Maher Waked

Signature:

Date: August, 2015

ARC 216: Surveying
Annual Course Report
Academic Year 2014-2015

A- Basic Information

1- Title and code : ARC 216: Surveying

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

Architecture Engineering and building Technology

3- Year/Level of program: Sophomore -Level 2 –4th Semester

4- Unit hours

Credit Hours:2	Lectures: 1	Tutorial: 1	Practical: 2	Pre-requisite: None
----------------	-------------	-------------	--------------	---------------------

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

Dr. Amira abd El-Aziz

6- Course coordinator : Dr. Amira abd El-Aziz

7- External evaluator : None

B- Statistical Information

No. of students attending the course (SPRING): No. 293 % 100

Results:

	No.	%
Passed	384	92.53
Failed	31	7.47

Grading of successful students

Grade	Student No.	%
A+	45	10.843
A	54	13.012
A-	41	9.88
B+	55	13.25
B	52	12.53
C+	38	9.15
C	40	9.63
D+	17	4.09
D	24	5.78
D-	18	4.33
F	31	7.47

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Practical hours
1. Definition of surveying.	1	1	2
2. Types of measurements.	1	1	2
3. Measurement errors.	1	1	2
4. Linear measurements.	1	1	2
5. Taping.	1	1	2
6. Distance corrections.	1	1	2
7. Mid-Term Exam	1	1	2
8. Leveling./ Types of Levels.	1	1	2
9. Profile and cross-sectional leveling.	1	1	2
10. Area computations	1	1	2
11. Angle measurements and Theodolites	1	1	2
12. Traverse surveys and computations	1	1	2
13. Contour Maps / Cut and Fill	1	1	2
14. Topographic surveying	1	1	2
15. Practical exam	1	1	2
Total hours	15	15	30

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

Members of examination committee Dr. Amir Abdel Aziz

Role of external evaluator None

4- Facilities and teaching materials:

Totally adequate	<input type="text" value="yes"/>
Adequate to some extent	<input type="text" value="....."/>
Inadequate	<input type="text" value="....."/>
List any inadequacies	<input type="text" value="Non."/>

5- Administrative constraints

List any difficulties encountered

None

6- Student evaluation of the course:

List any criticisms Response of course team

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:

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

9- Action plan for academic year 2014– 2015

Actions required	Completion date	Person responsible
None	None	None

Course coordinator: Dr. Amira abd El-Aziz

Signature:

Date: August 2015

**ARC 217: Theory of Structures
 Annual Course Report
 Academic Year 2014-2015**

A- Basic Information

1- Title and code: ARC 217: Theory of Structures

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

Architecture Engineering and building Technology

3- Year/Level of program: Sophomore -Level 2 – 4th Semester

4- Unit hours

Credit Hours:2	Lectures: 1	Tutorial: 3	Practical: -	Pre-requisite: None
----------------	-------------	-------------	--------------	---------------------

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

Dr. Tamer Seleem Dr. Ayman Ezzat

6- Course coordinator: Dr. Tamer Seleem

7- External evaluator: None

B- Statistical Information

No. of students attending the course (SPRING): No. 432 % 100

Results:

	No.	%
Passed	366	84.7
Failed	66	15.3

Grading of successful students

Grade	Student No.	%
A+	4	0.9
A	23	5.32
A-	28	6.48
B+	42	9.72
B	40	9.25
C+	43	9.95
C	68	15.74
D+	24	5.55
D	43	9.95
D-	51	11.80
F	66	15.3

No. of students attending the course (SUMMER): No. 35 % 100

Results:

	No.	%
Passed	32	91.429
Failed	3	8.571

Grading of successful students

Grade	Student No.	%
B+	1	2.857
C	19	54.28
D+	1	2.85
D	5	14.28
D-	6	17.143
F	3	8.571

C- Professional Information

1 – Course teaching

	Topic	Lecture hours	Tutorial hours	Practical hours
1	▪ Types of structures. Types of loads and supports.	1	3	-
2	▪ Resultant of loads. Reactions.	1	3	-
3	▪ Simple and compound beams.	1	3	-
4	▪ Concentrated loads and moments.	1	3	-
5	▪ Equilibrium and stability in planner statically determined structures. s	1	3	-
6	▪ Trussed beams.	1	3	-
7	▪ Mid-Term Exam	1	3	-
8	▪ Simple frames, frames with link members, and closed frames.	1	3	-
9	▪ Internal forces in beams, frames, and arches. + Internal forces definition.	1	3	-
10	▪ Trusses; definition, method of joints and method of sections.	1	3	-
11	▪ Stability conditions.	1	3	-
12	▪ Uniform and triangular loads.	1	3	-
13	▪ Normal stresses	1	3	-
14	▪ Shear stresses	1	3	-
15	▪ Combined stresses	1	3	-

Total hours	15	45	-
-------------	----	----	---

Topics taught as a percentage of the content specified:

>90 % 70-90 % <70%

Reasons in detail for not teaching any topic

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

2- Teaching and learning methods:

Lectures:

Practical training/ laboratory:

Seminar/Workshop:

Class activity:

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

Members of examination committee Dr. Tamer Seleem & Dr. Ayman Ezzat

Role of external evaluator

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:

List any criticisms

Response of course team

None

7- Comments from external evaluator(s):

Response of course team

None

8- Course enhancement:

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

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

9- Action plan for academic year 2014 – 2015

Actions required	Completion date	Person responsible
None	None	None

Course coordinator: Dr. Tamer Seleem

Signature:

Date: august 2015

ARC 218: Sciagraphy and Perspective

Annual Course Report

Academic year 2014-2015

A- Basic Information

1- Title and code : ARC 218: Sciagraphy and Perspective

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

Architecture Engineering and Building Technology

3- Year/Level of program: Sophomore -Level 2 – 4th Semester

4- Unit hours

Credit Hours: 3	Lectures:1	Tutorial: 4	Practical:-	Pre-requisite: None
-----------------	------------	-------------	-------------	---------------------

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

Dr. Mona El-Basyoni

6- Course coordinator: Dr. Mona El-Basyoni

7- External evaluator: None

B- Statistical Information

No. of students attending the course (SPRING): No. 307 % 100

Results:

	No.	%
Passed	296	96.42
Failed	11	3.58

Grading of successful students

Grade	Student No.	%
A+	34	11.07
A	51	16.61
A-	40	13.02
B+	38	12.37
B	37	12.05
C+	33	10.74
C	28	9.12
D+	10	3.25
D	15	4.88
D-	10	3.25
F	11	3.58

No. of students attending the course (SUMMER): No. 27 % 100

Results:

	No.	%
Passed	23	85.185
Failed	4	14.8

Grading of successful students

Grade	Student No.	%
A+	2	7.4
A	1	3.7
A-	1	3.7
B+	4	14.8
B	4	14.8
C+	2	7.4
C	4	14.8
D+	1	3.7
D	3	11.11
D-	1	1.7
F	4	14.8

C- Professional Information

1 – Course teaching

	Topic	Lecture hours	Tutorial hours	Practical hours
1	Introduction to shades and shadows, Shade of points and lines.	2	4	-
2	Shades of plains and surfaces	2	4	-
3	Shades of plains and surfaces	2	4	-
4	Shades of circles	2	4	-
5	Shades and shadows of objects and masses (prisms)	2	4	-
6	Shades and shadows of objects and masses (cone and cylinder)	2	4	-
7	Mid-Term Exam	2	4	-
8	Architectural applications	2	4	-
9	Architectural applications	2	4	-

10	One vanishing point perspective	2	4	-
11	Interior perspective	2	4	-
12	Two vanishing points perspective	2	4	-
13	Two vanishing points perspective	2	4	-
14	Applications on two vanishing points perspective	2	4	-
15	Revision	2	4	-
	Total hours	30	60	-

Topics taught as a percentage of the content specified:

>90 % 70-90 % <70%

Reasons in detail for not teaching any topic Non

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

2- Teaching and learning methods:

Lectures:

Practical training:

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
Final examination	<input type="text" value="40%"/>
Assignments/class work	<input type="text" value="50%"/>
Mid-Term Exam	<input type="text" value="10 %"/>
Total	100 %
Members of examination committee	Dr. Mona El. Basyoni
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

➤ none

6- Student evaluation of the course:

Response of course team

List any criticisms

Non

-

7- Comments from external evaluator(s):

Response of course team

Non

8- Course enhancement:

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

9- Action plan for academic year 2014– 2015

Actions required	Completion date	Person responsible
Non	non	-

Course coordinator: Dr. Mona El-Basyoni

Signature:

Date: August 2015

3rd year Architecture

S	Course	
	Code	Title
1	ARC 311	Architectural Construction & Building materials 1
2	ARC 321	Architecture & Human Studies
3	ARC 322	Architectural Design 3
4	ARC 324	Design Methodology
5	ARC 314	Reinforced concrete & steel structures
6	ARC 327	Theories of Architecture (2)
7	ARC 326	History and Theories of planning
8	ARC 312	Architectural Construction & Building materials 2
9	ARC 313	Computer Applications 2
10	ARC 323	Architectural Design 4
11	ARC 328	Visual Training (2)
12	ARC 341	History of Architecture (2)
13	ARC 310	Environmental Control
14	ARC 315	Foundation
15	ARC 360	Architecture Training 1

ARC 322 Architectural Design 3

Annual Course Report

Academic year 2015-2016

A- Basic Information

1- Title and code : ARC 322 Architectural Design 3

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

Architecture Engineering and Building Technology

3- Year/Level of program: Sophomore -Level 3 - 5th Semester

4- Unit hours

Credit Hours:3	Lectures: 1	Tutorial: 6	Practical: -	Pre-requisite: -
----------------	-------------	-------------	--------------	------------------

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

Dr. Asamer Zakariea

6- Course coordinator: Dr. Asamer Zakariea

7- External evaluator: None

B- Statistical Information

No. of students attending the course (FALL) : No. %

Results:

	No.	%
Passed	356	98.615
Failed	5	1.385

Grading of successful students

Grade	Student No.	%
A+	11	3.047
A	27	7.479
A-	51	14.127
B+	47	13.019
B	52	14.404
C+	52	14.404
C	45	12.465
D+	38	10.526
D	16	4.432
D-	17	4.709

F	5	1.385
---	---	-------

No. of students attending the course (SPRING): No. %

Results:

	No.	%
Passed	20	95.238
Failed	1	4.762

Grading of successful students

Grade	Student No.	%
A	3	14.286
A-	1	4.762
B+	2	9.529
C	5	23.810
C+	5	23.810
D	2	9.524
D-	2	9.524
F	1	4.762

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Practical hours
1. 1 st project : Central library	1	6	
2. Library project + site analysis	1	6	
3. Design criteria of library buildings	1	6	
4. Bubble diagram + zoning of elements	1	6	
5. Site model	1	6	
6. Masses – model - Concept development	1	6	
7. Mid-Term Exam	1	6	
8. Drawing master plan	1	6	
9. Solving design – problems in plan	1	6	
10. Final plans	1	6	

11. Drawing main sections	1	6	
12. Drawing elevations	1	6	
13. Formation development in elevations	1	6	
14. Drawing 3d perspectives or isometric	1	6	
15. Final site design Final preservation of project + jury	1	6	
Total hours	15	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

2- Teaching and learning methods:

Lectures:

Practical training/ laborat: Site Visits

Seminar/Workshop: Weekly

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
Final examination	<input type="text" value="40%"/>
Practical/laboratory work	<input type="text" value="----"/>
Other assignments/class work	<input type="text" value="20%"/>
Other assignments/researches	<input type="text" value="20%"/>

Mid-Term Exam 20%

Total 100 %

Members of examination committee: Prof. Dr. Asamer zakareia

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 None

Response of course team

7- Comments from external evaluator(s):

Response of course team

Review the targeted learning and outcomes The learning outcomes have been revised

Increase the hours of lecturers

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. Asamer zakareia

Signature:

Date: **November 2016**

ARC 323 Architectural Design 4

Annual Course Report

Academic year 2015-2016

A- Basic Information

1- Title and code : ARC 323 Architectural Design 4

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

Architecture Engineering and Building Technology

3- Year/Level of program: Sophomore -Level 3 - 6th Semester

4- Unit hours

Credit Hours: 3	Lectures: 1	Tutorial : 6	Practical: -	Pre-requisite: -
------------------------	--------------------	---------------------	---------------------	-------------------------

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

Dr. Asamer Zakariea

6- Course coordinator: Dr. Asamer Zakariea

7- External evaluator: None

B- Statistical Information

No. of students attending the course (FALL) : No. %

Results:

	No.	%
Passed	3	60.0
Failed	2	40.0

Grading of successful students

Grade	Student No.	%
A-	1	20.0
B	2	40.0
F	2	40.0

No. of students attending the course (SPRING) : No. %

Results:

	No.	%

Passed	355	98.886
Failed	4	1.114

Grading of successful students

Grade	Student No.	%
A+	15	4.178
A	17	4.735
A-	42	11.699
B+	59	16.435
B	73	20.334
C+	41	11.421
C	50	13.928
D+	36	10.028
D	10	2.786
D-	12	3.343
F	4	1.114

No. of students attending the course (SUMMER): No. %

Results:

	No.	%
Passed	24	100
Failed	0	0

Grading of successful students

Grade	Student No.	%
A+	1	4.167
A	1	4.167
A-	1	4.167
B+	2	8.33
B	4	16.66
C+	3	12.5
C	4	16.66
D+	2	8.33
D	4	16.66
D-	2	8.33

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Practical hours
1. 1 st project : School	1	6	
2. Library project + site analysis	1	6	
3. Design criteria of library buildings	1	6	
4. Bubble diagram + zoning of elements	1	6	
5. Site model	1	6	
6. Masses – model - Conceptdevelopment	1	6	
7. Mid-Term Exam	1	6	
8. Drawing master plan	1	6	
9. Solving design – problems in plan	1	6	
10. Final plans	1	6	
11. Drawing main sections	1	6	
12. Drawing elevations	1	6	
13. Formation development in elevations	1	6	
14. Drawing 3d perspectives or isometric	1	6	
15. Final site design Final preservation of project + jury	1	6	
Total hours	15	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

2- Teaching and learning methods:

Lectures:

Practical training/ laborat: Site Visits

Seminar/Workshop: Weekly

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
Final examination	<input type="text" value="40 %"/>
Practical/laboratory work	<input type="text" value="..."/>
Other assignments/class work	<input type="text" value="20%"/>
Other assignments/researches	<input type="text" value="20%"/>
Mid-Term Exam	<input type="text" value="20%"/>
Total	100 %

Members of examination committee: Prof. Dr. Asamer zakareia

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

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

Review the targeted learning and outcomes The learning outcomes have been revised
Increase the hours of lecturers **and the number of assistants**

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. Asamer zakareia

Signature:

Date: November 2016

ARC 324 Design Methodology
Annual Course Report
Academic year 2015-2016

A- Basic Information

- 1- Title and code : ARC 324 Design Methodology
- 2- Program(s) on which this course is given:
 Architecture Engineering and Building Technology
- 3- Year/Level of program: Sophomore -Level 3 - 5th Semester
- 4- Unit hours

Credit Hours:2	Lectures: 2	Tutorial: -	Practical: -	Pre-requisite: -
-----------------------	--------------------	--------------------	---------------------	-------------------------

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

Dr. Moatz BeAllah

6-Course coordinator: Dr. Moatz BeAllah

7-External evaluator: None

B- Statistical Information

No. of students attending the course (FALL) : No. 359 %000

Results:

	No.	%
Passed	354	98.607
Failed	5	1.393

Grading of successful students

Grade	Student No.	%
A+	4	1.114
A	19	5.29
A-	43	11.978
B+	67	18.663
B	64	17.827
C+	64	17.827
C	42	11.699
D+	29	8.078
D	12	3.343
D-	10	2.786

F	5	1.393
---	---	-------

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Practical hours
1. Traditional methods of thinking	2		
2. Architectural problem & objectives	2		
3. Main Goals ,Secondary Goals	2		
4. Pyramid of Goals	2		
5. Architectural Invention process	2		
6. Phases of design process Tools of Architectural invention	2		
7. Mid Term Exam	2		
8. Methods of Architectural process Methods of Data Collection	2		
9. Architectural Design Process phases	2		
Examples of Different Building Design ,Goals , Zoning	2		
10. Different components forms ,shapes, in Architecture	2		
11. Different Architectural ,icons Ideas	2		
12. Explain Different Architectural examples ,concept ,idea	2		
13. Researches Presentation, revision	2		
14. Traditional methods of thinking	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 and Data Show

Practical training/ laborat: Site Visits

Seminar/Workshop: Weekly

Class activity:

sketches 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	---
Other assignments/researches	20%
Mid-Term Exam	10%
Total	100 %

Members of examination committee: Dr. Moatz BeAllah

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

None

6- Student evaluation of the course:

List any criticisms

Response of course team

None

7- Comments from external evaluator(s):

Response of course team

Review the targeted learning outcomes

Updated references

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: Prof. Dr. Moatz BeAllah

Signature:

Date: November 2016

ARC 327 Theories of Architecture (2)

Annual Course Report

Academic year 2015-2016

A- Basic Information

1- Title and code : ARC 327 Theories of Architecture (2)

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

Architecture Engineering and Building Technology

3- Year/Level of program: Sophomore -Level 3 - 5th Semester

4- Unit hours

Credit Hours: Lectures: 2 Tutorial/Exer Practical: - Pre-requisite:
2 cise: -

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

Prof. Dr. Walaa Nour

6-Course coordinator: Prof. Dr. Walaa Nour

7-External evaluator: None

B- Statistical Information

No. of students attending the course (FALL) : No. **%**

Results:

	No.	%
Passed	378	99.736
Failed	1	0.264

Grading of successful students

Grade	Student No.	%
A+	5	1.319
A	43	11.346
A-	47	12.401
B+	55	14.512
B	74	19.525
C+	55	14.512
C	44	11.609
D+	26	6.860
D	13	3.430
D-	16	4.222

F	1	0.264
---	---	-------

No. of students attending the course (Spring): No. 37 % 000

Results:

	No.	%
Passed	34	91.89
Failed	3	8.1

Grading of successful students

Grade	Student No.	%
A-	1	3
B-	4	11
C-	10	27
D+	5	14
D	7	18
D-	7	18
F	3	8.1

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Practical hours
1. building types	2		
2. Educational building	2		
3. Educational building	2		
4. office building	2		
5. hotels	2		
6. Commercial buildings	2		
7. Mid-Term Exam	2		

8. Restaurants	2		
9. Restaurants	2		
10.Theatres	2		
11.Theatres	2		
12.Museum	2		
13.Hospitals – parking	2		
14.architectural themes	2		
15.architectural themes	2		
Total hours	30		

Topics taught as a percentage of the content specified:

>90 % 70-90 % <70%

Reasons in detail for not teaching any topic

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

2- Teaching and learning methods:

Lectures:

Practical training/ laborat:

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

Members of examination committee: Prof. Dr. Walaa Nour

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:

List any criticisms

Response of course team

None

7- Comments from external evaluator(s):

Response of course team

None

8- Course enhancement:

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

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: Prof. Dr. Walaa Nour

Signature:

Date: November 2016

ARC 326 History & Theory of Planning

Annual Course Report

Academic year 2015-2016

A- Basic Information

1- Title and code : ARC 326 History & Theory of Planning

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

3- Year/Level of program: Sophomore -Level 3 - 5th Semester

4- Unit hours

Credit Hours: 2	Lectures: 2	Tutorial: -	Practical: -	Pre-requisite: -
------------------------	--------------------	--------------------	---------------------	-------------------------

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

Prof. Dr. Nahed Omran

6-Course coordinator: Prof. Dr. Nahed Omran

7-External evaluator: None

B- Statistical Information

No. of students attending the course (FALL) : No. 385 %100

Results:

	No.	%
Passed	384	99.74
Failed	1	0.260

Grading of successful students

Grade	Student No.	%
A+	14	3.636
A	24	6.234
A-	41	10.649
B+	48	12.468
B	71	18.442
C+	57	14.805
C	43	11.169
D+	34	8.831
D	34	8.831
D-	18	4.675

F	1	0.260
---	---	-------

No. of students attending the course (SUMMER): No. 9 % 100

Results:

	No.	%
Passed	9	100
Failed	0	0

Grading of successful students

Grade	Student No.	%
A-	2	22.22
B+	2	22.22
C+	4	44.44
C	1	11.11

C- Professional Information

1 – Course teaching

	Topic	Lecture hours	Tutorial hours	Practical hours
1	The beginning of the city	2		
2	Mesopotamia cities.	2		
3	Ancient Egyptian civilization	2		
4	Planning of Greek cities	2		
5	Planning of roman cities.	2		
6	Analysis for the planning theories in that ear	2		
7	Mid-Term	2		
8	Cities in the middle eras	2		

9	Islamic cities	2		
10	Islamic city (case studies)	2		
11	The renaissance cities.	2		
12	Applications for the model towns	2		
13	Theories for city planning	2		
14	The Contemporary Egyptian city and its problems- environmental problems-pollution-slum areas	2		
15	Final revision – discussion for the second requirement report	2		
	Total hours	30		

Topics taught as a percentage of the content specified:

>90 % 70-90 % <70%

Reasons in detail for not teaching any topic

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

2- Teaching and learning methods:

Lectures:

Practical training/ laborat : Site Visits

Seminar/Workshop: Weekly

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

Members of examination committee: Prof. 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:

List any criticisms

Response of course team

None

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

Review the targeted learning outcomes The learning outcomes have been resived

Updated References

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: Prof. Dr. Nahed Omran

Signature:

Date: November 2016

ARC 311 Architectural Construction & Building Materials

Annual Course Report

Academic year 2015-2016

A- Basic Information

1- Title and code : ARC 311 Architectural Construction & Building Materials

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

Architecture Engineering and Building Technology

3- Year/Level of program: Sophomore -Level 3 - 5th Semester

4- Unit hours

Credit Hours:3	Lectures: 2	Tutorial: 3	Practical: -	Pre-requisite: -
----------------	-------------	-------------	--------------	------------------

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

Dr. Magdy Tamam

6-Course coordinator: Dr. Magdy Tamam

7-External evaluator: None

B- Statistical Information

No. of students attending the course (FALL) : No. %

Results:

	No.	%
Passed	326	95.322
Failed	16	4.678

Grading of successful students

Grade	Student No.	%
A	5	1.462
A-	12	3.509
B+	38	11.111
B	50	14.620
C+	69	20.175
C	43	12.673
D+	51	14.912
D	27	7.895
D-	31	9.064
F	16	4.678

No. of students attending the course (SPRING): No. 55 % 100

Results:

	No.	%
Passed	53	96.364
Failed	2	3.636

Grading of successful students

Grade	Student No.	%
A	2	3.636
A-	1	1.818
B+	4	7.273
B	10	18.18
C+	5	9.09
C	12	21.81
D+	6	10.90
D	8	14.54
D-	5	9.09
F	2	3.636

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Practical hours
1. Introduction & Revision (Symbols)	2	3	
2. Waterproofing – Heat, sound and Radiation Insulations (Methods -Types- Materials).	2	3	
3. Insulation Layers and Applying methods.	2	3	
4. Expansion, Settlement and Material Joints. (Floors-Roofs-Walls...).	2	3	
5. Walls and Floors (Interior& Exterior) (Finishing Materials, Plaster, painting).	2	3	
6. Stairs (Design–Types-Specifications and Construction).	2	3	

7. Mid-Term Exam	2	3	
8. Reinforced Concrete Stairs (Details)-Handrail – Finishing Materials	2	3	
9. Wood (introduction–types–use in buildings)	2	3	
10. Wooden Work & Products Design and Drawing basics (Joist sizes - Joints-accessories).	2	3	
11. Wooden Doors (Interior& Exterior) (Frames, Stock and Hardware).	2	3	
12. Wooden doors Details (Solid Molded, Slat).	2	3	
13. Wood doors Details (Paneled, Flush doors).	2	3	
14. Wood doors Details (Doors Hardware Equipment).	2	3	
15. Revision: .....Revision	2	3	
Total hours	30	45	

Topics taught as a percentage of the content specified:

>90 % 70-90 % <70%

Reasons in detail for not teaching any topic Non

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

2- Teaching and learning methods:

Lectures:

Practical training/ laborat: Site Visits

Seminar/Workshop: Weekly

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
Final examination	<input type="text" value="40%"/>
Practical/laboratory work	<input type="text" value="----"/>
Other assignments/class work	<input type="text" value="20%"/>
Other assignments/researches	<input type="text" value="20%"/>
Mid-Term Exam	<input type="text" value="20%"/>
Total	100 %

Members of examination committee: Prof. Dr. Magdy Tamam

Role of external evaluator None

4- Facilities and teaching materials:

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

5- Administrative constraints

List any difficulties encountered

None

6- Student evaluation of the course:

List any criticisms **Response of course team**

None

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

Review Professional and Practical skills

All skills had been updated

Increase the number of assistants

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. Magdy Tamam

Signature:

Date: November 2016

ARC 321 Architecture & Human Studies

Annual Course Report

Academic year 2015-2016

A- Basic Information

- 1- Title and code : ARC 321 Architecture & Human Studies
- 2- Program(s) on which this course is given: Architecture Engineering and Building Technology
- 3- Year/Level of program: Sophomore -Level 3 - 5th Semester
- 4- Unit hours

Credit Hours:2	Lectures: 2	Tutorial: -	Practical: -	Pre-requisite: -
----------------	-------------	-------------	--------------	------------------

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

Prof. Dr. Mohamed Thabat

6-Course coordinator: Dr. Mohamed Thabat

7-External evaluator: None

B- Statistical Information

No. of students attending the course (FALL) : No. 359 % 100

Results:

	No.	%
Passed	349	97.214
Failed	10	2.786

Grading of successful students

Grade	Student No.	%
A+	12	3.343
A	21	5.850
A-	31	8.635
B+	35	9.749
B	40	11.142
C+	51	14.206
C	39	10.864
D+	41	11.321
D	26	7.242
D-	53	14.763

F	10	2.786
---	----	-------

No. of students attending the course (SPRING) : No. 29 % 100

Results:

	No.	%
Passed	26	89.655
Failed	3	10.345

Grading of successful students

Grade	Student No.	%
A-	4	13.79
B+	1	3.44
B	3	10.34
C+	2	6.89
C	4	13.79
D+	3	10.34
D	3	10.34
D-	6	20.69
F	3	10.34

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Practical hours
1. Introduction, basic definitions and terminology	2		
2. Main topics of human studies & Architecture	2		
3. Human needs & its impact on space & Arch.	2		
4. Islamic culture in Arch.	2		
5. Arch. values in Islamic city	2		
6. Arch. As build environment The role of the environment (green & smart) Arch	2		
7. Mid Term Exam	2		
8. Shaping the culture & behavior of a Society throughout history	2		

9. Shaping the culture & behavior of a Society throughout history	2		
10. Vernaculars & traditional arch	2		
11. Relation between man & environment	2		
12. Relation between man & environment	2		
13. Natural & informal arch. [Nubian / siwa / etc.			
14. Informal arch	2		
15. Community participation	2		
Total hours	30		

Topics taught as a percentage of the content specified:

>90 % 70-90 % <70%

Reasons in detail for not teaching any topic

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

2- Teaching and learning methods:

Lectures:

Practical training/ laborat: Site Visits

Seminar/Workshop: Weekly

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

Final examination

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

Members of examination committee: Dr. Mohamed Thabat

Role of external evaluator None

4- Facilities and teaching materials:

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

5- Administrative constraints

List any difficulties encountered
 None

6- Student evaluation of the course:

List any criticisms Response of course team
 None

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

Updateing References

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: Prof. Dr. Mohamed Thabat

Signature: Date: November 2016

ARC 314 Reinforced Concrete & Steel Structures

Annual Course Report

Academic year 2015-2016

A- Basic Information

1- Title and code : ARC 314 Reinforced Concrete & Steel Structures

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

3- Year/Level of program: Sophomore -Level 3 - 5th Semester

4- Unit hours

Credit Hours: 3	Lectures: 2	Tutorial: 3	Practical: -	Pre-requisite: -
------------------------	--------------------	--------------------	---------------------	-------------------------

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

Dr. Ayman Ezzat

6-Course coordinator: Dr. Ayman Ezzat

7-External evaluator: None

B- Statistical Information

No. of students attending the course (FALL) : No. 338 % 100

Results:

	No.	%
Passed	313	92.604
Failed	25	7.396

Grading of successful students

Grade	Student No.	%
A+	1	0.296
A	24	7.101
A-	43	12.722
B+	44	13.018
B	49	14.497
C+	37	10.947
C	54	15.976
D+	22	6.509
D	16	4.734
D-	23	6.805
F	25	7.396

No. of students attending the course (SUMMER): No. 64 %100

Results:

	No.	%
Passed	44	70
Failed	20	30

Grading of successful students

Grade	Student No.	%
A+	4	6
A	4	6
A-	3	5
B+	9	14
B	3	5
C+	6	9
C	7	12
D+	3	5
D	1	2
D-	4	6
F	20	30

C- Professional Information

1 – Course teaching

	Topic	Lecture hours	Tutorial hours	Practical hours
1	Introduction to reinforced concrete.	2	3	
2	Design fundamentals for concrete structures.	2	3	
3	Analysis and design of sections under bending moment	2	3	
4	Load distribution	2	3	
5	Details of beams' reinforcement	2	3	

6	Solid slabs.	2	3	
7	Mid-Term Exam	2	3	
8	Stairs- Columns.	2	3	
9	Special slabs.	2	3	
10	Design fundamentals of steel structures.	2	3	
11	Details for trusses.	2	3	
12	Details for steel frames	2	3	
13	Design of columns	2	3	
14	Design o beams	2	3	
15	Design of connections	2	3	
	Total hours	30	45	

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

2- Teaching and learning methods:

Lectures:

Practical training/ laborat : Site Visits

Seminar/Workshop: Weekly

Class activity:

Quizzes

Case Study: None

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	7 %
Practical/laboratory work	---
Other assignments/class work	---
Other assignments/researches	20%
Mid-Term Exam	10%
Total	100 %

Members of examination committee: Prof. Dr. Ayman 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

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:

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: Prof. Dr. Ayman Ezzat

Signature:

Date: November 2016

**ARC 312 Architectural Construction &
 Building Materials 2
 Annual Course Report
 Academic year 2015-2016**

A- Basic Information

3- Title and code : ARC 312 Architectural Construction & Building Materials 2

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

3- Year/Level of program: Sophomore -Level 3 - 6th Semester

4- Unit hours

Credit Hours: 3	Lectures: 2	Tutorial3	Practical: -	Pre-requisite: -
-----------------	-------------	-----------	--------------	------------------

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

Dr. Magdy Tamam

6-Course coordinator: Dr. Magdy Tamam

7-External evaluator: None

B- Statistical Information

No. of students attending the course (SPRING): No. 329 % 100

Results:

	No.	%
Passed	325	98.784
Failed	4	1.216

Grading of successful students

Grade	Student No.	%
A+	1	0.304
A	4	1.216
A-	19	5.775
B+	29	8.815
B	53	16.109
C+	81	24.620
C	59	17.933
D+	47	14.286
D	15	4.559

D-	17	5.167
F	4	1.216

No. of students attending the course (SUMMER): No. 79 % 100

Results:

	No.	%
Passed	73	92.5
Failed	6	7.5

Grading of successful students

Grade	Student No.	%
A-	3	4
B+	2	2.5
B	1	1.2
C+	3	4
C	15	18.9
D+	27	34
D	10	12.6
D-	7	8.8
F	6	7.5

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Practical hours
1. Introduction & Revision	2	3	
2. Steel works(types-sections-materials-usage)	2	3	
3. Steel connections & welding	2	3	
4. Steel columns – frames – beams – roofing – cladding	2	3	
5. Steel stairs (Design – types – specifications & construction) and mechanical works	2	3	
6. Steel doors & windows (intro – types – usage – joints – accessories – details – equipment)	2	3	

7. Mid-Term Exam	2	3	
8. Intro in working drawing projects , plans of project with check list & finishing tables	2	3	
9. Sections of projects	2	3	
10. Elevations of project with check list & finishing tabel	2	3	
11. Layout (softscape – hardscape) with finishes table	2	3	
12. Sanitary works & its drawing with symbols	2	3	
13. Electrical works of its drawing with symbols	2	3	
14. Mechanical works (elevations – sections)	2	3	
15. Revision: .....presentation	2	3	
Total hours	30	45	

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

2- Teaching and learning methods:

Lectures:

Practical training/ laborat : Site Visits

Seminar/Workshop: Weekly

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
Final examination	<input type="text" value="40 %"/>
Practical/laboratory work	<input type="text" value="-----"/>
Other assignments/class work	<input type="text" value="20%"/>
Other assignments/researches	<input type="text" value="10%"/>
Mid-Term Exam	<input type="text" value="10%"/>
Total	100 %

Members of examination committee: Dr. Magdy Tamam

Role of external evaluator

4- Facilities and teaching materials:

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

5- Administrative constraints

List any difficulties encountered

None

6- Student evaluation of the course:

List any criticisms Response of course team

None

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

Review the targeted learning outcomes and practical skills

Increase the hours of lecturers and exercises.

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. Magdy Tamam

Signature:

Date: November 2016

ARC 341 History of Architecture (2)

Annual Course Report

Academic year 2015-2016

A- Basic Information

1- Title and code : ARC 341 History of Architecture (2)

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

3- Year/Level of program: Sophomore -Level 3 - 6th Semester

4- Unit hours

Credit Hours:2	Lectures: 2	Tutorial:-	Practical: -	Pre-requisite: -
-----------------------	--------------------	-------------------	---------------------	-------------------------

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

Prof. Dr. Reham Momtaz

6-Course coordinator: Prof. Dr. Reham Momtaz

7-External evaluator: None

B- Statistical Information

No. of students attending the course (FALL) : No. 11 % 100

Results:

	No.	%
Passed	8	72.727
Failed	3	27.273

Grading of successful students

Grade	Student No.	%
A-	1	9.091
B+	1	9.091
B	2	18.182
C+	1	9.091
C	1	9.091
D+	2	18.182
D-	3	27.273
F	1	9.091

No. of students attending the course (SPRING): No. 363 %100

Results:

	No.	%
Passed	334	92.011
Failed	29	7.989

Grading of successful students

Grade	Student No.	%
A+	8	2.204
A	16	4.408
A-	28	7.713
B+	33	9.091
B	45	12.397
C+	45	12.397
C	42	11.570
D+	49	13.499
D	28	7.713
D-	40	11.019
F	29	7.989

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Practical hours
1. General introduction for the course	2		
2. Christian age	2		
3. Christian age	2		
4. Coptic architecture	2		
5. Byzantine architecture	2		
6. Byzantine architecture	2		

7. Mid-Term Exam	2		
8. Romanesque architecture	2		
9. Gothic style in France	2		
10. Gothic style in Italy	2		
11. Gothic style in Europe	2		
12. Digital Presentation of the Final Researches: 13. (Jury) : <i>Staff's Criticism / Evaluation for each Student</i>	2		
14. Digital Presentation of the Final Researches: 15. (Jury) : <i>Staff's Criticism / Evaluation for each Student</i>	2		
Total hours	30		

Topics taught as a percentage of the content specified:

>90 % 70-90 % <70%

Reasons in detail for not teaching any topic Non

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

2- Teaching and learning methods:

Lectures:

Practical training/ laborat : Site Visits

Seminar/Workshop: Weekly

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

Members of examination committee: Prof. Dr. Reham Momtaz

Role of external evaluator Non

4- Facilities and teaching materials:

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

5- Administrative constraints

List any difficulties encountered

None

6- Student evaluation of the course:

List any criticisms

Response of course team

None

7- Comments from external evaluator(s):

Response of course team

Updated the References

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: Prof. Dr. Reham Montaz

Signature:

Date: November 2016

ARC 328 Visual Training(2)
Annual Course Report
Academic year 2015-2016

A- Basic Information

- 1- Title and code : ARC 328 Visual Training(2)
- 2- Program(s) on which this course is given:
 Architecture Engineering and Building Technology
- 3- Year/Level of program: Sophomore -Level 3 - 6th Semester
- 4- Unit hours

Credit Hours: 2	Lectures: 1	Tutorial: 3	Practical: -	Pre-requisite: -
------------------------	--------------------	--------------------	---------------------	-------------------------

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

Dr. Amira Mostafa

6-Course coordinator: Dr. Amira Mostafa

7-External evaluator:None

B- Statistical Information

No. of students attending the course (SPRING) : No. 358 % 100

Results:

	No.	%
Passed	348	97.207
Failed	10	2.793

Grading of successful students

Grade	Student No.	%
A+	15	4.190
A	87	24.302
A-	87	24.302
B+	42	11.732
B	36	10.056
C+	26	7.263
C	18	5.028
D+	13	3.631
D	14	3.911
D-	10	2.793

F	10	2.793
---	----	-------

Additional Information

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Practical hours
1. Introduction of color as phenomena, color symbol, properties, and psychology of color effect	1	3	
2. Painting circle of (3)basic color (6 -12)	1	3	
3. color theory of Ostwald and coloring techniques	1	3	
4. color notation (munsell theory) and coloring techniques	1	3	
5. Color value and Grey scale	1	3	
6. Intensity of color (chrome)	1	3	
7. Mid-Term Exam	1	3	
8. Cool & warm colors	1	3	
9. Research presentation & Discussion	1	3	
10. Combining & contrasting colors	1	3	
11. Harmony & disharmony of colors	1	3	
12. Introduction water colors naturally	1	3	
13. Drawing architectural water colors project and manual presentation	1	3	
14. water colors in presenting layout and plans	1	3	
15. water colors in presenting elevations	1	3	
Total hours	15	45	

Topics taught as a percentage of the content specified:

>90 % 70-90 % <70%

Reasons in detail for not teaching any topic Non

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

2- Teaching and learning methods:

Lectures:

Practical training/ laborat : Site Visits

Seminar/Workshop: Weekly

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
Final examination	<input type="text" value="40 %"/>
Practical/laboratory work	<input type="text" value="-----"/>
Other assignments/class work	<input type="text" value="20%"/>
Other assignments/researches	<input type="text" value="20%"/>
Mid-Term Exam	<input type="text" value="20%"/>
Total	100 %

Members of examination committee: Dr. Amira Mostafa

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:

List any criticisms

Response of course team

None

7- Comments from external evaluator(s):

Response of course team

Updated the references

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 Mostafa

Signature:

Date: November 2016

ARC 310 Environment Control
Annual Course Report
Academic year 2015-2016

A- Basic Information

- 1- Title and code : ARC 310 Environment Control
- 2- Program(s) on which this course is given:
 Architecture Engineering and Building Technology
- 3- Year/Level of program: Sophomore -Level 3 - 5th Semester
- 4- Unit hours

Credit Hours: 2	Lectures: 2	Tutorial: -	Practical: -	Pre-requisite: -
------------------------	--------------------	--------------------	---------------------	-------------------------

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

Dr. Heba Mahrous

6-Course coordinator: Dr. Heba Mahrous

7-External evaluator: None

B- Statistical Information

No. of students attending the course (SPRING) : No. 334 % 100

Results:

	No.	%
Passed	334	98.503
Failed	5	1.497

Grading of successful students

Grade	Student No.	%
A+	36	10.778
A	59	17.665
A-	58	17.365
B+	61	18.263
B	47	14.072
C+	31	9.281
C	13	3.892
D+	8	2.395
D	9	2.695
D-	7	2.096

F	5	1.497
---	---	-------

No. of students attending the course (SUMMER): No. 7 % 100

Results:

	No.	%
Passed	6	85.714
Failed	1	14.286

Grading of successful students

Grade	Student No.	%
B	2	28.57
C+	1	14.286
C	1	14.286
D	1	14.286
D-	1	14.286
F	1	14.286

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Practical hours
1. Introduction –Environment and its physical aspects – climatic regions and levels of studing	2		
2. Climatic Elements affecting design process	2		
3. Solar Radiation and its properties	2		
4. Design of sun breakers	2		
5. Heat and thermal behavior of the building	2		
6. wind and air movement	2		
7. Mid-Term Exam	2		
8. basics of natural ventilation Heat performance of the building	2		
9. Elements of human comfort	2		

10. Components of day lighting Day lighting design tools	2		
11. Research presentation & Discussion	2		
12. Introduction –Environment and its physical aspects – climatic regions and levels of studing	2		
13. Climatic Elements affecting design process	2		
14. Solar Radiation and its properties	2		
15. Design of sun breakers heat and thermal behavior of the building	2		
Total hours	30		

Topics taught as a percentage of the content specified:

>90 % 70-90 % <70%

Reasons in detail for not teaching any topic None

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

2- Teaching and learning methods:

Lectures:

Practical training/ laborat Site Visits

Seminar/Workshop: Weekly

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

Final examination

Practical/laboratory work	<input type="checkbox"/>
Other assignments/class work	<input type="checkbox"/>
Other assignments/researches	20%
Mid-Term Exam	10%
Total	100 %

Members of examination committee: Dr. Reham Mostafa

Role of external evaluator None

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

None

6- Student evaluation of the course:

List any criticisms

تقليل مسائل الواجب

الرسومات غير واضحة

Response of course team

مراعاة عدد المسائل

7- Comments from external evaluator(s):

Review professional and practical skills

Response of course team

All skills had been updated and updated references

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. عمل مجموعات بحثية اكثر للابحاث و ليس فردية لتسهيل مرحلة التصحيح		

Course coordinator: Dr. Heba Mahrous

Signature:

Date: November 2016

ARC 315 Foundations

Annual Course Report

Academic year 2015-2016

A- Basic Information

- 1- Title and code : ARC 315 Foundations
- 2- Program(s) on which this course is given:
Architecture Engineering and Building Technology
- 3- Year/Level of program: Sophomore -Level 3 - 5th Semester
- 4- Unit hours

Credit Hours: 2	Lectures: 2	Tutorial:-	Practical: -	Pre-requisite: -
------------------------	--------------------	-------------------	---------------------	-------------------------

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

Prof. Dr. Adham Elalfy

6-Course coordinator: Prof. Dr. Adham Elalfy

7-External evaluator: None

B- Statistical Information

No. of students attending the course (SPRING): No. 293 % 100

Results:

	No.	%
Passed	293	100
Failed	0	0.0

Grading of successful students

Grade	Student No.	%
A+	47	16.041
A	50	17.065
A-	69	23.549
B+	50	17.065
B	45	15.358
C+	18	6.143
C	9	3.072
D+	3	1.024
D-	2	0.683

No. of students attending the course (SUMMER): No. 6 % 100

Results:

	No.	%
Passed	6	100
Failed	0	0.0

Grading of successful students

Grade	Student No.	%
B+	3	50
B	1	16.667
C	2	33.33

C- Professional Information

1 – Course teaching

	Topic	Lecture hours	Tutorial hours	Practical hours
1	• Introduction to Soil Mechanics	2		
2	• Soil Exploration	2		
3	• Soil classification	2		
4	• Physical properties of soil	2		
5	• Mechanical properties	2		
6	• Active soil pressure	2		
7	• Mid-Term Exam	2		
8	• Bearing Capacity of the types of soil Compaction of soil	2		

9	• Foundation introduction	2		
10	• Design of isolated square footing	2		
11	• Design of isolated rectangular footing	2		
12	• Design of combined footing	2		
13	• Design of raft foundation	2		
14	• Deep foundation	2		
15	• Deep foundation	2		
Total hours		30		

Topics taught as a percentage of the content specified:

>90 % 70-90 % <70%

Reasons in detail for not teaching any topic

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

2- Teaching and learning methods:

Lectures:

Practical training/ laborat

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

Members of examination committee: Prof. 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:

List any criticisms

Response of course team

None

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

None

8- Course enhancement:

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

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: Prof. Dr. Adham Elalfy

Signature:

Date: November 2016

ARC 313 Computer Applications 2

Annual Course Report

Academic year 2015-2016

A- Basic Information

3- Title and code : ARC 313 Computer Applications 2

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

3- Year/Level of program: Sophomore -Level 3 - 5th Semester

4- Unit hours

Credit Hours: 4	Lectures: 2	Tutorial:3	Practical: 2	Pre-requisite: ARC 214
------------------------	--------------------	-------------------	---------------------	-----------------------------------

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

Dr. Hossam Mohamed Abd el Aziz

6-Course coordinator: Dr. Hosam Mohamed Abd el Aziz

7-External evaluator: None

B- Statistical Information

No. of students attending the course (SPRING): No. 343 % 100

Results:

	No.	%
Passed	338	98.542
Failed	5	1.458

Grading of successful students

Grade	Student No.	%
A+	49	14.286
A	58	16.910
A-	47	13.703
B+	49	14.286
B	45	13.120
C+	34	9.913
C	30	8.746
D+	9	2.624

D	9	2.624
D-	8	2.332
F	5	1.458

C- Professional Information

1 – Course teaching

3 – Contents

Topic	Lecture hours	Tutorial hours	Practical hours
1. Introduction	2	3	2
2. Accessing MAXScript	2	3	2
3. Locating Information in Help File	2	3	2
4. 2d modeling	2	3	2
5. Modeling & modifying	2	3	2
6. MAXScript syntax an terminology	2	3	2
7. Mid – term	2	3	2
8. General advanced topic	2	3	2
9. Practical questions	2	3	2
10. Lighting & background	2	3	2
11. Materials	2	3	2
12. Materials	2	3	2
13. MAXScript tools and interaction with 3D Max	2	3	2
14. Camera & view ports	2	3	2
15. Modifiers	2	3	2
Total hours	30	45	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/ laborat

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
Final examination	<input type="text" value="40 %"/>
Practical/laboratory work	<input type="text" value="20%"/>
Other assignments/class work	<input type="text" value="----"/>
Other assignments/researches	<input type="text" value="30%"/>
Mid-Term Exam	<input type="text" value="10%"/>
Total	100 %

Members of examination committee: Dr. Hosam Mohamed Abd el Aziz

Role of external evaluator

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:

List any criticisms

الاجهزة بالمعمل سيئة و غير مناسبة

Response of course team

تم ابلاغ الادارة بالمشكلة

عدة مرات و لم يتم الحل

7- Comments from external evaluator(s):

None

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. Hosam Mohamed Abd el Aziz

Signature:

Date: November 2016

ARC360 Architecture Training (1)

Annual Course Report

Academic Year 2014-2015

A- Basic Information

1- Title and code: ARC360 Architecture Training (1)

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

3- Year/Level of program: Sophomore -Level 3 - Summer

4- Unit hours

Credit Hours: 3 Lectures: - Tutorial/Exercise: Practical: 6 Pre-requisite: 323

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

Dr. Amr Almoatasem

Course coordinator Dr. Amr Almoatasem

External evaluator:

B- Statistical Information

No. of students attending the course (SUMMER): No. %

Results:

	No.	%
Passed	321	100
Failed	0	0

Grading of successful students

Grade	Student No.	%
A+	108	33.6
A	82	2.55
A-	82	2.55
B+	42	13.1
B	4	1.2
B-	3	0.93

C- Professional Information

1 – Course teaching

	Topic	Lecture hours	Tutorial hours	Practical hours
1	Computer Skills (CAD –REVIT -3D MAX	-	-	6
3	Project management	-	-	6
4	Site Visit	-	-	6
	Total hours	-	-	18

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:

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 Report	<input type="text" value="20%"/>
Practical/laboratory work	<input type="text" value=""/>
Other assignments/ researches	<input type="text" value="60%"/>
Oral Test	<input type="text" value="20%"/>
Total	100 %

Members of examination committee: Dr. Amr Almoatasem

Role of external evaluator : Non

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

 Non

7- Comments from external evaluator(s):

 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

None

9- Action plan for academic year 2014 – 2015

Actions required

Completion date

Person responsible

Course coordinator: Dr. Amr Almoatasem

Signature:

Date: August 2015

Senior 1

Third year Architecture
Level 4

S	Course	
	Code	Title
1	ARC 421	Architectural Design 5
2	ARC 423	Housing & City Planning 1
3	ARC 425	Theories of Architecture and Arts (3)
4	ARC 410	Technical Installations and Plumbing Engineering 1
5	ARC 412	Working Drawing & Construction Methods 1
6	ARC 422	Architectural Design 6
7	ARC 424	Housing & City Planning 2
8	ARC 440	History of Architecture and Arts (3)
9	ARC 411	Technical Installations and Plumbing Engineering – B
10	ARC 413	Working Drawing & Construction Methods 2
11	ARC 430	Elective course (Housing in developing countries)
12	ARC 451	Elective course (Architecture, Civilization and Heritage)
13	ARC 450	Elective course (Project management)

(ARC421) Architectural Design 5
Annual Course Report
Academic year 2015-2016

A- Basic Information

1- Title and code: ARC 421: Architectural Design 5

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

3- Year/Level of program: Senior 1, Level 4, 7th Semester

4- Unit hours

Credit Hours: 3

Lectures: 1

Tutorial/Exercise: 6

Practical: -

Pre-requisite: ARC 323

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

Dr. Moatz Beallah

Course coordinator: Dr. Moatz Beallah

External evaluator: Non

B- Statistical Information

No. of students attending the course (FALL): No. 284 % 100

Results:

	No.	%
Passed	282	99.2
Failed	2	0.8

Grading of successful students

Grade	Student No.	%
A+	1	0.36
A	5	1.83
A-	15	5.47
B+	40	14.70
B	50	18.38
C+	58	21.32
C	52	18.30

D+	33	11.61
D	16	5.63
D-	10	3.67
F	2	0.70

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Practical hours
1- Introduction to the design 1 st project (A type of a project with a complex and multipurpose functions and spaces)	1	6	
2- Research: relevant architectural data and similar projects either International or local projects.	1	6	
3- Research: Data gathering, site analysis, climatic studies, zoning and analysis of similar projects	1	6	
4- Sketch 1 (Schematic / conceptual design)	1	6	
5- Sketch 2 (focuses on designing and formulating project plans)	1	6	
6- Sketch 3 (Design development for plans) + Sketch 4 (focuses on designing and formulating project elevations)	1	6	
7- Mid-Term Exam	1	6	
8- Sketch 5 (focuses on preparing project sections)		6	
9- Semi final sketch (Design Development for Layout, plans, elevations, sections and 3d models)	1	6	
10- Final sketch (Presenting Layout, plans, elevations, sections and 3d models for approval). Presentation and rendering sessions		6	
11- Final Submission and Project Discussion	1	6	
12- Introduction to 2 nd project(A type of a building of symbolic and structural implications)	1	6	
13- Sketch 1 (Schematic / conceptual design)	1	6	
14- Sketch 2 (Presenting proposed layout, plans, elevations, sections and 3d models) Final Submission and Project Discussion	1	6	
15- Introduction to the design 1 st project (A type of a project with a complex and multipurpose functions and spaces) Research: relevant architectural data and similar projects either International or local projects.	1	6	
Total hours	15	90	

Topics taught as a percentage of the content specified:

>90 % 70-90 % <70%

Reasons in detail for not teaching any topic Non

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

2- Teaching and learning methods:

Lectures:

Practical training/laboratory:

Seminar/Workshop:

Class activity:

Researches:

Other assignments/homework:

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

3- Student assessment:

Method of assessment	Percentage of total
Written examination	<input type="text" value="40 %"/>
Oral examination	---
Projects	<input type="text" value="24 %"/>
Periodical sketches	<input type="text" value="24 %"/>
Mid-Term Exam	<input type="text" value="12 %"/>
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

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

The diversity of teaching methods

separation of lecturers and exercises

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 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 & 8th week of the 1st and 2nd semester subsequently 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 2015– 2016

Actions required	Completion date	Person responsible
------------------	-----------------	--------------------

<p>Four projects have to be identified through a clear program and given design determinants</p> <p>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.</p> <p>Arranging a year exhibition for students work in order to induce a self learning process and competition among the students</p>	<p>1st & 8th week of the 1st and 2nd semester subsequently</p> <p>1st week of the semester</p> <p>10th week of the 2nd semester</p>	<p>Course coordinator</p> <p>Senior teaching assistant</p> <p>Teaching assistants</p>
---	---	---

Course coordinator: Dr. El Moataz Bellah

Signature:

Date: NoVember 2016

ARC 422: Architectural Design 6
Annual Course Report
Academic year 2015-2016

A- Basic Information

1- Title and code: ARC 422: Architectural Design 6

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

3- Year/Level of program: Senior 1, Level 4, 8th Semester

4- Unit hours

Credit Hours: 3

Lectures: 1

Tutorial/Exercise: 6

Practical: -

Pre-requisite: ARC 421

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

Course coordinator: Dr. Moatz Beallah

External evaluator: Non

B- Statistical Information

No. of students attending the course (spring): No. 295 % 100

Results:

	No.	%
Passed	282	93.94
Failed	12	4.06

Grading of successful students

Grade	Student No.	%
A	1	0.33
A-	19	6.44
B+	18	6.10
B	42	14.23
C+	45	15.25
C	69	23.38
D+	46	15.59
D	31	10.50

D-	12	4.06
F	12	4.06

No. of students attending the course (summer): No. 44 % 100

Results:

	No.	%
Passed	44	97.72
Failed	1	2.27

Grading of successful students

Grade	Student No.	%
B+	1	2.72
B	4	9.09
C+	4	9.09
C	9	20.45
D+	10	22.72
D	11	25.0
D-	4	9.09
F	1	2.27

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Practical hours
1. Introduction to 3 rd project (A Multi-story Residential and commercial Building)	1	6	
2. Research: relevant architectural data and similar projects either International or local projects.	1	6	
3. Sketch 1 (Schematic / conceptual design)	1	6	
4. Sketch 2 (focuses on designing and formulating project plans)	1	6	
5. Sketch 3 (Design development for plans)	1	6	
6. Sketch 4 (focuses on designing and formulating project elevations and main sections)	1	6	
7. Mid-Term Exam			
8. Sketch 5 - Semi final sketch (Design Development for Layout, plans, elevations, sections and 3d models)	1	6	

9. Sketch 6 - Final sketch (Presenting Layout, plans, elevations, sections and 3d models for approval). Presentation and rendering sessions	1	6	
10. Final Submission and Project Discussion	1	6	
11. Introduction to 4 th project (A type of a project with both function and structural implications)	1	6	
12. Research: Data gathering, site analysis, climatic studies, zoning and analysis of similar projects	1	6	
13. Sketch 1 (Schematic / conceptual design)	1	6	
14. Sketch 2 (Design development for plans)	1	6	
15. Sketch 3 (Presenting proposed layout, plans, elevations, sections and 3d models)	1	6	
Total hours	30	90	

Topics taught as a percentage of the content specified:

>90 % 70-90 % <70%

Reasons in detail for not teaching any topic Non

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

2- Teaching and learning methods:

Lectures:

Practical training/laboratory:

Seminar/Workshop:

Class activity:

Researches:

Other assignments/homework:

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

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. 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

Non.

6- Student evaluation of the course:

- More references and books are to be provided.

Response of course team

Recommending a list of books and relevant references to the students.

7- Comments from external evaluator(s):

The diversity of teaching methods

Response of course team

separation of lecturers and exercises

8- Course enhancement:

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

Actions required	Completion
<p>Four projects have to be identified through a clear program and given design determinants</p> <p>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.</p>	<p>Completed in the 1st & 8th week of the 1st and 2nd semester subsequently</p> <p>Completed in the 1st week of the semester</p>

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

Completed

9- Action plan for academic year 2015– 2016

Actions required	Completion date	Person responsible
<p>Four projects have to be identified through a clear program and given design determinants</p>	<p>1st & 8th week of the 1st and 2nd semester subsequently</p>	<p>Course coordinator</p>
<p>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.</p>	<p>1st week of the semester</p>	<p>Senior teaching assistant</p>
<p>Arranging a year exhibition for students work in order to induce a self learning process and competition among the students</p>	<p>10th week of the 2nd semester</p>	<p>Teaching assistants</p>

Course coordinator: Dr. El Moataz Bellah

Signature:

Date: November 2016

ARC 425: Theories of Architecture and Arts (3)
Annual Course Report
Academic year 2015-2016

A- Basic Information

1- Title and code: ARC 425: Theories of Architecture and Arts (3)

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

3- Year/Level of program: Senior 1, Level 4, 7th Semester

4- Unit hours

Credit Hours: 2

Lectures: 2

Tutorial/Exercise:-

Practical:-

Pre-requisite: ARC 326

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

Dr Faten Salah

B- Statistical Information

No. of students attending the course (FALL): No. 268 % 100

Result:

	No.	%
Passed	261	97.3
Failed	7	2.6

Grading of successful students

Grade	Student No.	%
A+	19	7.09
A	29	10.82
A-	41	15.29
B+	43	16.04
B	50	18.65
C+	36	13.43
C	14	5.22
D+	8	2.98
D	9	3.35
D-	12	4.47

F	7	2.61
---	---	------

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Practical hours
1.General introduction for the course	2		
2.Architectural characteristics of Renaissance Era Analyzing projects of Architects.	2		
3.Architectural characteristics of Renaissance Era Analyzing projects of Architects.	2		
4.Architectural characteristics of BAROQUE, Analyzing projects of Architects	2		
5.Architectural characteristics of The Age of Enlightenment	2		
6.Social, technical and urban transformation in 19 th century The influences of the industrial revolution on art and architecture in 19 th century	2		
7.Mid term exam	2		
8.Architectural trends and schools in 19 th century	2		
9.Architectural trends and schools in 19 th century	2		
10.Architectural trends and schools in 19 th century	2		
11.The impact of new materials on architecture	2		
12.Architecture of steel and reinforced concrete in 19 th century	2		
13.Architecture of steel and reinforced concrete in 19 th century	2		
14.Digital Presentation of the Final Researches: (Jury) : <i>Staff's Criticism/ Evaluation for each Student</i>	2		
Final Revision	2		
Total hours	30		

Topics taught as a percentage of the content specified:

>90 % 70-90 % <70%

Reasons in detail for not teaching any topic None

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

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 the most important Renaissance and baroque buildings in Cairo "Downtown, Heliopolis"

3- Student assessment:

Method of assessment	Percentage of total
Final examination	<input type="text" value="70%"/>
Researches	<input type="text" value="20%"/>
Mid-Term Exam	<input type="text" value="10 %"/>
Total	100 %

Members of examination committee

Dr. Passaint Massoud- Dr Reham Ibrahim 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

N/A

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

Review the targeted learning outcomes with simplification	The learning outcomes have been revised and simplified.
Review Professional and Practical Skills	Professional and Practical skills had been updated

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 2015– 2016

Actions required	Completion date	Person responsible
------------------	-----------------	--------------------

1. Increase teaching hours of history of baroque period than history of Renaissance.	1 st semester	Dr Passaint Massoud
2. Site Visit For Buildings designed according to Renaissance period in Cairo	1 st semester	Dr Passaint Massoud

Course coordinator: Dr Faten Salah

Signature:

Date: November 2016

ARC 440: History of Architecture and Arts (3)

Annual Course Report

Academic year 2015-2016

A- Basic Information

1- Title and code: ARC 440: History of Architecture and Arts (3)

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

3- Year/Level of program: Senior 1, Level 4, 8th Semester(3)

4- Unit hours

Credit Hours:2

Lectures: 2

Tutorial/Exercise: -

Practical: -

Pre-requisite :ARC 341

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

Dr. Mona El.Basyoni- Dr. Anaheed Waked

Course coordinator: Dr. Mona El.Basyoni

External evaluator: -

B- Statistical Information

No. of students attending the course (spring): No. 321 %100

Result:

	No.	%
Passed	313	97.5
Failed	8	2.4

Grading of successful students

Grade	Student No.	%
A+	4	1.24
A	33	10.28
A-	62	19.31
B+	49	15.26
B	64	19.93
C+	27	8.41
C	35	10.90
D+	9	2.80

D	17	5.29
D-	13	4.04
F	8	2.49

C- Professional Information

1 – Course teaching

	Topic	Lecture hours	Tutorial hours	Practical hours
1	Urban traditions in the Islamic world.	2	-	-
2	Caliph. Periods.	2	-	-
3	Tulane's period.	2	-	-
4	Building concepts in Islamic Arch.	2	-	-
5	Fatimid caiphs' period.	2	-	-
6	Fatimid caiphs' period. (Site Visit) / Ayyubids period.	2	-	-
7	Mid-Term Exam	2	-	-
8	Home in Islamic Arch.	2	-	-
9	Mamluks (Bahri and Circassian) period.	2	-	-
10	Mamluks (Bahri and Circassian) period.	2	-	-
11	Mamluks (Bahri and Circassian) period.(Site Visit)	2	-	-
12	Ottoman (Turks) period.	2	-	-
13	Napolic Invasion (Mohamed Ali) period.	2	-	-
14	Research	2	-	-
15	Individual presentation.	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:

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 the most important Islamic buildings in Cairo

3- Student assessment:

Method of assessment	Percentage of total
Final examination	<input type="text" value="70%"/>
Researches	<input type="text" value="20%"/>
Mid-Term Exam	<input type="text" value="10 %"/>
Total	100 %

Members of examination committee

Dr. Mona El.Basyoni

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

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

Actions required

Completion date

Person responsible

- | | | |
|---|--------------------------|----------------------|
| 1. Increase teaching hours of history of Islamic period than history of art | 2 nd semester | Dr. Mona El. Basyoni |
|---|--------------------------|----------------------|

Course coordinator: Dr. Mona El. Basyoni

Signature:

Date: November 2016

ARC 412 Working drawing and Construction Methods 1
Annual Course Report
Academic year 2015-2016

A- Basic Information

- 1- Title and code :(ARC412) Working drawing and Construction Methods 1
- 2- Program(s) on which this course is given: Architectural Engineering and Building Technology
- 3- Year/Level of program: Senior 1,Level 4, 7th Semester
- 4- Unit hours

Credit Hours: 3 Lectures:2 Tutorial/Exercise: 2 Practical:
Pre-requisite: ARC 312

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

Course coordinator: Dr. Azza Gamal , Dr. Shima Hassan
External evaluator: Non

B- Statistical Information

No. of students attending the course (fall): No. 274 % 10

Results:	No.	%
Passed	282	99.2
Failed	2	0.8

Grading of successful students:

Grade	Student No.	%
A+	2	0.73
A	11	4.01
A-	23	8.39
B+	22	8.02
B	43	15.6
C+	35	12.7
C	63	22.9
D+	37	13.5
D	21	7.6

D-	13	4.7
F	4	1.45

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Dr. Haitham Samir
1. Introduction to Working Drawing and construction methods	2	2	
2. An overview of the selected projects and determining the project for each student	2	2	
3. Floor plans (Ground floor plans)			
4. 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.	2	2	
5. Typical floor plans	2	2	
6. Basement plans	2	2	
7. Roof plans	2	2	
8. Mid-Term Exam	2	2	
9. Site plan (Layout)			
10. Lecture discusses 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.	2	2	
11. Sections			
12. Lecture discusses how a structure looks when cut vertically by a cutting plane, providing important information about construction systems, heights, levels and materials used.	2	2	
13. Elevations			
14. 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.	2	2	
15. Sanitary drawings (1)	2	2	
16. Water supply systems and plumbing fixture			
17. Sanitary drawings (2)	2	2	
18. Sanitary Drainage and sewage disposal systems			
19. Electrical drawings (1)	2	2	
20. Electric power and lighting outlets.			
21. Electrical drawings (2)	2	2	
22. Electric power and lighting outlets.			
23. Final Project submission and discussion.	2	2	

Total hours	30	30	
-------------	----	----	--

Topics taught as a percentage of the content specified:

>90 % 70-90% <70%

Reasons in detail for not teaching any topic

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: Working drawing Exercises.

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	<input type="text" value="40 %"/>
Oral examination	----
Project	<input type="text" value="24 %"/>
Periodical drawing sheets	<input type="text" value="24 %"/>
Mid-Term Exam	<input type="text" value="12 %"/>
Total	100 %

Members of examination committee 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

Non

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

Review the targeted learning outcomes with simplification	The learning outcomes have been revised and simplified.
Review Professional and Practical Skills	Professional and Practical skills had been updated Updated books and Referenes

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

<p>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.</p>	<p>Done in the 1st week of the semester</p>
<p>A digital documentation of student's projects is required as a part of the digital library initiated by the department</p>	<p>Partially completed</p>

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

Actions required	Completion date	Person responsible
<p>Eight different case study projects have to be identified and schematically delineated.</p>	<p>1st week of the semester</p>	<p>Course coordinator</p>
<p>A time schedule has to be formulated for periodical sketches as well as final project delivery</p>	<p>1st week of the semester</p>	<p>Course coordinator</p>
<p>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.</p>	<p>1st week of the semester</p>	<p>Senior teaching assistant</p>
<p>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.</p>		<p>Course coordinator</p>
<p>A digital documentation of student's projects is required as a part of the digital library initiated by</p>	<p>Annually</p>	<p>Senior teaching</p>

the department		assistant
----------------	--	-----------

Course coordinator: Dr. Azza Gamal , Dr. Shima Hassan

Signature:

Date: November 2016

ARC 413: Working Drawing and Construction Methods (2)
Annual Course Report
Academic year 2015-2016

A- Basic Information

- 1- Title and code ARC 413: Working Drawing and Construction Methods (2)
- 2- Program(s) on which this course is given: Architectural Engineering and Building Technology
- 3- Year/Level of program: Senior 1, Level 4, 8th Semester
- 4- Unit hours

Credit Hours: 3 **Lectures:**2 **Tutorial/Exercise:** 3 **Practical:**
Pre-requisite: ARC 412

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

Course coordinator: Dr. Azza Gamal , Dr. Shima Hassan
 External evaluator: Non

B- Statistical Information

No. of students attending the course (spring): No. 268 % 100

Results:	No.	%
Passed	266	99.2
Failed	2	0.74

Grading of successful students:

Grade	Student No.	%
A+	15	5.59
A	13	4.85
A-	35	13.05

B+	36	13.43
B	41	15.29
C+	49	18.28
C	45	16.79
D+	21	7.83
D	8	2.98
D-	3	1.11
F	2	0.74

No. of students attending the course (SUMMER): No. **46** % **100**

Results:	No.	%
Passed	266	97.8
Failed	1	2.17

Grading of successful students:

Grade	Student No.	%
B+	5	10.87
B	8	17.39
C+	6	13.04
C	9	19.56
D+	10	21.73
D	6	13.04
D-	1	2.17
F	1	2.17

C- Professional Information

1 – Course teaching

1. Stairs, elevators and escalators (an overview of the design, types and requirements)	2	3	Dr. Haitham Samir
2. Concrete stairs	2	3	
3. Steel stairs	2	3	
4. Special stairs	2	3	
5. Door types, operation, hardware & finishes.	2	3	
6. Windowtypes, operation, hardware & finishes. Finish work and flooring (Gypsum plaster and Cement plaster or stucco, Ceramic tiles, Marble, wood, Terrazzo and stone flooring)	2	3	

7. Mid-Term Exam	2	3
8. Suspended ceilings (Gypsum borads and tiles, acoustic tiles, aluminium panels and grid systems)	2	3
9. Bathroom space, plumbing fixtures and details (	2	3
10. Cladding (Precast concrete panels, GRC, GRP, GRG, Marble cladding fixation, Masonry veneer, Metal and Aluminium composite sheets cladding)	2	3
11. Glazed curtain walls and systems (ordinary curtain wall, structural glazing, spider system)	2	3
12. Wall sections with different construction materials	2	3
13. Skylight details	2	3
14. General architectural details	2	3
15. Final Project submission and discussion.	2	3
Total hours	30	45

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. Haitham Samir

Role of external evaluator

Non

4- Facilities and teaching materials:

Totally adequate	<input checked="" type="checkbox"/>
Adequate to some extent	<input type="checkbox"/>
Inadequate	<input type="checkbox"/>
List any inadequacies	<input type="checkbox"/> Non

5- Administrative constraints

Non

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

Review the targeted learning outcomes with simplification	The learning outcomes have been revised and simplified.
Review Professional and Practical Skills	Professional and Practical skills had been updated

	Updated books and Referenes
--	-----------------------------

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 the 1st 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 2015 – 2016

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	1st week of the	

<p>sketches as well as final project delivery</p> <p>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.</p> <p>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.</p> <p>A digital documentation of student's projects is required as a part of the digital library initiated by the department</p>	<p>semester</p> <p>1st week of the semester</p> <p>Annually</p>	<p>Course coordinator</p> <p>Senior teaching assistant</p> <p>Course coordinator</p> <p>Senior teaching assistant</p>
---	---	---

Course coordinator: Dr. Azza Gamal, Dr. Shima Hassan

Signature:

Date: November 2016

(ARC410) Technical Installation in Buildings1
Annual Course Report
Academic year 2015-2016

A- Basic Information

1- Title and code:(ARC410) Technical Installation in Buildings1

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

3- Year/Level of program: Senior 1,Level 4, 7th Semester

4- Unit hours

Credit Hours: 2

Lectures:1

Tutorial/Exercise:3

Practical: -

Pre-requisite ARC 312

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

Dr. Sayed Abdel- Khaleaa

Course coordinator Dr. Sayed Abdel- Khaleaa

B- Statistical Information

No. of students attending the course (FALL): No. 281 %100

Result:

	No.	%
Passed	278	98.94
Failed	3	1.06

Grading of successful students

Grade	Student No.	%
A+	53	18.86
A	74	26.33
A-	73	25.97
B+	36	12.81
B	18	6.40
C+	15	5.33
C	4	1.42
D+	3	1.06
D	2	0.73

D-	3	0.73
----	---	------

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Practical hours
1. Principles of light. Principles of heat.	1	3	
2. Nature of light. Nature of heat.	1	3	
3. Nature of vision. Thermal load on buildings.	1	3	
4. Measurement of lighting. U – values.	1	3	
5. Measurement of lighting. U – values.	1	3	
6. Measurement of lighting. Thermal load upon building envelope.	1	3	
7. Mid-Term Exam.	1	3	
8. Artificial lighting. Luminaries. Thermal load upon building envelope.	1	3	
9. Artificial Lighting costs. Heat gain \ loss in buildings.	1	3	
10. Natural lighting. Heat gain \ loss in buildings.	1	3	
11. Natural light sources. Heat gain \ loss in buildings.	1	3	
12. Daylight factors. Thermal insulation.	1	3	
13. Combined lighting. Thermal insulation.	1	3	
14. Principles of light. Principles of heat.	1	3	
15. Nature of light. Nature of heat.	1	3	
Total hours	15		

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:

Two Seminars were arranged by the students:

- (e) Artificial lighting in buildings.
- (f) Methods of heat transfer in buildings.

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="20 %"/>
Mid-Term Exam	<input type="text" value="10 %"/>
Total	100 %

Members of examination committee Dr. Sayed Abdel- Khaleaa

Role of external evaluator Non

4- Facilities and teaching materials:

Totally adequate

Adequate to some extent

Inadequate

List any inadequacies Non

5- Administrative constraints

List any difficulties encountered Non

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

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

Review the targeted learning outcomes with simplification

The learning outcomes have been revised and simplified.

Review Professional and Practical Skills

Professional and Practical skills had been updated

Updated Refrenes

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
Non		

Course coordinator: Dr .Sayed Abdel- Khaleaa

Signature:

Date: November 2016

ARC 411: Technical Installations and Plumbing Engineering 2
Annual Course Report
Academic year 2015-2016

A- Basic Information

1- **Title and code:** ARC 411: Technical Installations and Plumbing Engineering 2

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

3- **Year/Level of program:** Senior 1, Level 4, 8th Semester

4- **Unit hours**

Credit Hours: 2

Lectures: 1

Tutorial/Exercise: 3

Practical: -

Pre-requisite ARC 410

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

Dr Sayed Abdel Khaleaa

Course coordinator Dr Sayed Abdel Khaleaa

External evaluator

B- Statistical Information

No. of students attending the course (spring): No. 310 % 100

Result:

	No.	%
Passed	308	99.35
Failed	2	0.64

Grading of successful students

Grade	Student No.	%
A+	28	9.03
A	72	23.22
A-	72	23.22
B+	62	20
B	31	10
C+	19	6.12
C	18	5.80
D+	6	1.93
D	2	0.64

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Practical hours
1. Principles of sound. Principles of sanitary installations.	1	3	
2. Nature of sound. Sanitary installation in buildings.	1	3	
3. Sound levels. Sources of water. Water treatment.	1	3	
4. Attenuation of sound. Water supply in buildings.	1	3	
5. Nature of hearing. Water supply in buildings.	1	3	
6. Measurement of sound. Drainage systems.	1	3	
7. Mid-Term Exam.	1	3	
8. Noise control. Waste water treatment.	1	3	
9. Noise transfer. Under ground water tanks.	1	3	
10. Artifound insulation. Fire fighting in buildings.	1	3	
11. Acoustic principles. Electricity installation in buildings.	1	3	
12. Reflection of sound. Fire alarm in buildings.	1	3	
13. Absorption of sound. Air control in buildings.	1	3	
14. Reverberation of sound. HVAC systems.	1	3	
15. Principles of sound. Principles of sanitary installations. Nature of sound. Sanitary installation in buildings.	1	3	
Total hours	15	45	

Topics taught as a percentage of the content specified:

>90 % 70-90 % <70%

Reasons in detail for not teaching any topic Non

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

2- Teaching and learning methods:

Lectures:

Practical training/ laboratory:

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:

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="20 %"/>
Mid-Term Exam	<input type="text" value="10 %"/>
Total	100 %

Members of examination committee Dr Sayed Abdel Khaleaa

Role of external evaluator Non

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

- (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

Review the targeted learning outcomes Increase the exercises
Review professional and practical skills

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
Non		

Course coordinator: Dr Sayed Abdel Khaleaa

Signature:

Date: November 2016

ARC 423: Housing & City Planning 1
Annual Course Report
Academic Year 2015-2016

A- Basic Information

1- Title and code: ARC 423: Housing & City Planning 1

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

3- Year/Level of program: Senior 1, Level 4, 7th Semester

4- Unit hours

Credit Hours: 2 Lectures: 1 Tutorial/Exercise: 3 Practical: -

Pre-requisite: ARC 326

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

Dr. Mohamed Mostafa

B- Statistical Information

No. of students attending the course (FALL): No. %

Result:

	No.	%
Passed	270	97.9
Failed	6	2.1

Grading of successful students

Grade	Student No.	%
A	3	1.09
A-	19	6.90
B+	28	10.18
B	41	14.90
C+	41	14.90
C	49	17.81
D+	47	17.09
D	25	9.05
D-	17	6.18
F	6	2.18

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Practical hours
1. Planning definition , elements & level	1	3	
2. Thinking methodology	1	3	
3. Thinking methodology	1	3	
4. Site analysis studies	1	3	
5. Site analysis studies (GIS Application)	1	3	
6. Following up the project(GIS Application)	1	3	
7. Mid-Term Exam	1	3	
8. Following up the project(GIS Application)	1	3	
9. Evaluating site analysis studies	1	3	
10. Simian on neighbor hoods (Introducing neighbor hoods)	1	3	
11. Following up the alternatives + Evaluation	1	3	
12. Following up the alternatives + Evaluation	1	3	
13. Evaluating alternatives	1	3	
14. Semi final presentation (Following up the project)	1	3	
15. Final Presentation	1	3	
16. Planning definition , elements & level	1	3	

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: exercises, , quizzes, Discussions, computer applications

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 examination	<input type="text" value="40%"/>
Project	<input type="text" value="30%"/>
Practical/laboratory work	<input type="text" value="---%"/>
Assignments/class work	<input type="text" value="20%"/>
Mid-Term Exam	<input type="text" value="10%"/>
Total	100 %

Members of examination committee

Dr. Mohamed Mostafa – Dr. Marwa Adel

Role of external evaluator

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

Non

7- Comments from external evaluator(s):

Response of course team

Review the target learning outcomes

The learning outcome have been resived and practical skills have been updated.

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. Mohamed Mostafa

Signature:

Date: November 2016

ARC 424: Housing & City Planning 2
Annual Course Report
Academic Year 2015-2016

A- Basic Information

1- Title and code: ARC 424: Housing & City Planning 2

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

3- Year/Level of program: Senior 1, Level 4, 8th Semester

4- Unit hours

Credit Hours: 2

Lectures: 1

Tutorial/Exercise: 3

Practical: -

Pre-requisite: ARC 423

Names of lecturers contributing to the delivery of the course

Dr. Mohamed Mostafa – Dr. Marwa Adel

B- Statistical Information

No. of students attending the course (spring): No. %

Result:

	No.	%
Passed	292	96.7
Failed	10	3.31

Grading of successful students

Grade	Student No.	%
A+	3	0.99
A	11	3.64
A-	30	9.93
B+	22	7.28
B	48	2.64
C+	31	10.26
C	41	13.57
D+	39	12.91
D	31	10.26
D-	36	11.92

F	10	3.31
---	----	------

No. of students attending the course (SUMMER): No. 12 %100

Result:

	No.	%
Passed	12	100
Failed	0	0

Grading of successful students

Grade	Student No.	%
C	4	33.33
D+	2	16.66
D	5	41.66
D-	1	8.33

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Practical hours
1. Planning elements & introducing the project	1	3	
2. Site analysis studies (Revision on GIS)	1	3	
3. Site analysis studies	1	3	
4. Site analysis studies (following up the project)	1	3	
5. Following up the site analysis studies & evaluation	1	3	
6. Following up the site analysis studies & evaluation	1	3	
7. Mid-Term Exam	1	3	
8. Evaluating the site analysis studies	1	3	
9. Solving strategies (following up the alternatives)	1	3	
10. Solving strategies (following up the alternatives)	1	3	
11. Solving strategies (following up the alternatives)	1	3	
12. Evaluating alternatives	1	3	

13. Evaluating alternatives	1	3	
14. Semi-final presentation (following up the project)	1	3	
15. Final presentation	1	3	
Total hours	15	30	

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: exercises, , quizzes, Discussions, computer applications

Researches:

Other assignments/homework:

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

Non

3- Student assessment:

Method of assessment	Percentage of total
Final examination	<input type="text" value="40%"/>
Project	<input type="text" value="30-%"/>
Practical/laboratory work	<input type="text" value="---%"/>
Assignments/class work	<input type="text" value="20%"/>

Mid-Term Exam	<input type="text" value="10%"/>
Total	100 %

Members of examination committee

Dr. Mohamed Mostafa – Dr. Marwa Adel

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

non

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

Review the target learning outcomes The learning outcome have been revised and practical skills have been updated.
Updated references

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

Course coordinator: Dr. Marwa Adel

Signature:

Date: November 2016

ARC 430 Housing in Developing Countries

(Applied Engineering and Design Elective Course)

Annual Course Report

Academic Year 2015-2016

A- Basic Information

- 1- Title and code: ARC 430 Housing in Developing Countries –B
- 2- Program(s) on which this course is given: Architecture Engineering and Building Technology Department
- 3- Year/Level of program: Senior 1, Level 4
- 4- Unit hours

Credit Hours: 2 Lectures: 2 Tutorial/Exercise:- Practical: -

Pre-requisite: ARC 321

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

Dr. Mohamed Mostafa , Dr.Rasha Shaban

B- Statistical Information

No. of students attending the course (FALL): No. 105 % 100

Result:

	No.	%
Passed	105	95.2
Failed	5	4.7

Grading of successful students

Grade	Student No.	%
A+	1	0.95
A	3	2.85
A-	11	10.47
B+	13	12.38
B	21	20.0
C+	13	12.38
C	14	13.33
D+	9	8.57
D	10	9.52

D-	5	4.76
F	5	4.76

C- Professional Information

1 – Course teaching

Topics taught as a percentage of the content specified:

3 – Contents

Topic	Lecture hours	Tutorial hours	Practical hours
1. User's participation US. Policy of centralization	2		
2. John Turners US rod burgess	2		
3. Users participation in dwelling	2		
4. Cases of users participation outside Egypt	2		
5. Main elements in dwelling process	2		
6. Turner's Concepts and his main issues	2		
7. Mid-Term Exam	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		

>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 examination	<input type="text" value="-70-%"/>
Project	<input type="text" value="10%"/>
Practical/laboratory work	<input type="text" value="%"/>
Assignments/class work	<input type="text" value="-10-%"/>
Mid-Term Exam	<input type="text" value="-10-%"/>
Total	100 %

Members of examination committee Dr. Marwa Adel

Role of external evaluator

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.

2.

7- Comments from external evaluator(s):

Response of course team

Review the targeted learning outcomes The learning outcomes have been resived

Updated References

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. Review the Professional and the Practical skills

Course coordinator: . Dr. Mohamed Mostafa , Dr.Rasha Shaban

Signature: . Dr. Mohamed Mostafa , Dr.Rasha Shaban

ARC 450:Project Management(Humanitarian Elective Courses)

Annual Course Report

Academic Year 2015-2016

A- Basic Information

1- Title and code : ARC 450:Project Management(Humanitarian Elective Courses)

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

3- Year/Level of program: Senior 1,Level 4

4- Unit hours

Credit Hours:2

Lectures:2

Tutorial:

Pre-requisite:-

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

Dr. Amira Abd ElAziz,

Course coordinator Dr. Amira Abd ElAziz,

External evaluator

B- Statistical Information

No. of students attending the course (FALL): No. 35 % 100

Result:

	No.	%
Passed	27	77.2
Failed	8	22.8

Grading of successful students

Grade	Student No.	%
A-	4	11.4
B+	3	8.5
B	4	11.4
C+	5	14.2
C	2	5.7
D+	4	11.4
D	5	14.2
F	8	22.8

C- Professional Information

1 – Course teaching

Topic	Lecture hours	Tutorial hours	Practical hours
• Introduction to construction industry	2		
• Bid study	2		
• Unbalanced bids	2		
• Project case study (tender project).	2		
• Project planning.	2		
• Project planning..	2		
• Project planning..	2		
• Project planning..	2		
• Project planning..	2		
• Time reduction.	2		
• Time management.	2		
• Financial management.	2		
• Financial management.	2		
• Resource management	2		
• Resource management	2		
Total hours	30		

Topics taught as a percentage of the content specified:

>90 % 70-90 %

<70%

Reasons in detail for not teaching any topic

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

Members of examination committee Dr. Amira Abd ElAziz,

Role of external evaluator

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. More assistened teatcure

7- Comments from external evaluator(s):

Response of course team

Review the target learning outcomes

Review the target learning outcomes

skills have been updated

skills have been updated.

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 : Non

Completion date

Person responsible

Course coordinator: Dr. Amira Abd ElAziz,

Signature:

Date: fall 2016

ARC 451 Architecture , Civilization and Heritage

(Humanitarian Elective Courses)

Annual Course Report

Academic Year 2015-2016

A- Basic Information

1- Title and code: ARC 451 Architecture , Civilization and Heritage (Humanitarian Elective Courses)

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

3- Year/Level of program: Senior 1,Level 4

4- Unit hours

Credit Hours: 2

Lectures: 2

Tutorial/Exercise-

Practical: -

Pre-requisite: ARC 321

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

Dr. Nahed Omran

B- Statistical Information

No. of students attending the course (FALL): No. 17 % 100

Result:

	No.	%
Passed	15	88.235
Failed	2	11.765

Grading of successful students

Grade	Student No.	%
A+	1	5.88
A-	3	17.647
B+	3	17.647
B	4	23.529
C+	3	17.647
D	1	5.882
F	2	11.765

C- Professional Information

1 – Course teaching

Topics taught as a percentage of the content specified:

Topic	Lecture hours	Tutorial hours	Practical hours
1. Culture and Architecture. (General definitions, terms, and characteristics of culture and Architecture)	2		
2. Heritage and Architecture (Definitions, Classification of Heritage, World Heritage sites)	2		
3. Paradigms and the three world views (Organismic, Mechanistic and Systemic world views and its relation to Architecture)	2		
4. The Interrelation between culture and Architecture (General theories, concepts and examples)	2		
5. Architecture as cultural expression - Features and characteristics (A detailed discussion of the multi-components of culture and its impacts on the architectural patterns)	2		
6. Social interaction and urban environment – perception , environment image and behavior patterns. The role of the architect towards the local culture of the place. (community design, participatory design approaches)	2		
7. Mid-Term Exam	2		
8. The role of participation and community involvement in Architectural and Urban Design (Local Case studies)	2		
9. A brief discussion of the Anthropology as a tool of understanding local and indigenous cultures and its application to Architecture	2		
10. Regionalism of architecture and architectural expression	2		
11. Architectural and Urban Heritage (A review of Values)	2		
12. Urban and Architectural Conservation (A review of interventions)	2		
13. Local and international case studies of urban and Architectural projects corresponding to the cultural dimension of the societies.	2		
14. Site Visit	2		
15. Research project presentation and discussion	2		
Total hours	30		

>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: exercises, , quizzes,

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 examination	<input type="text" value="70%"/>
Project	<input type="text" value="10%"/>
Practical/laboratory work	<input type="text" value="%"/>
Assignments/class work	<input type="text" value="10-%"/>
Mid-Term Exam	<input type="text" value="10-%"/>
Total	100 %

Members of examination committee Dr. haitham samir

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 hours of lectures

7- Comments from external evaluator(s):

Response of course team

Review the targeted learning outcomes

The learning outcomes have been resived

Updated References

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. Increase the Practical skills

Course coordinator: Dr. haitham samir

Signature: Dr. Nahed Omran

Date: January 2016