Architecture Engineering and Building Technology B.Sc.

Annual Report
By-Law 2012

2018-2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 211 Architectural Construction 1
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Sophomore -Level 2 - 3rd Semester
4- Credit hours

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

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: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	343	100	**%**
2- No. of students completing the course:	**No.**	328	95.6	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	46	102	99	81	15	343
Spring						
Summer						
Sum	46	102	99	81	15	343
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
• Introduction & Elements of Building.	2	3	-	5	5	5	
• Sequence of Building Construction.	2	3	-	5	5	5	
• Construction Systems: Bearing walls.	2	3	-	5	5	5	
• Construction Systems: Skeleton Construction.	2	3	-	5	5	5	
• Foundations: Surface foundations.	2	3	-	5	5	5	
• Foundations: Deep foundations.	2	3	-	5	5	5	
• Mid Term Exam (M. T1).	2	3	-	5	5	5	
• Brick walls: Types of brick & mortar	2	3	-	5	5	5	

• Brick wall bonding: English Bond & Flemish Bond.	2	3	-	5	5	5	
• Masonry walls: Classifications of stones – walling philosophy.	2	3	-	5	5	5	
• Masonry walls: Sills – Cornices – Copings.	2	3	-	5	5	5	
• Roof Structures: Linear structural elements – Surface resistant.	2	3	-	5	5	5	
• R.C. floors &steel floors: Sections and details.	2	3	-	5	5	5	
• Revison	2	3	-	5	5	5	
• Revison	2	3	-	5	5		
Total hours	**30**	**45**	**-**	**75**	**75**		

- 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	Professional and practical skills	Intellectual skills	General transferable skills
A3, A4, A24	B2,B5,B11, B12,B14, B22	C2, C3, C12, C14, C23,C24,C25	D1, D2, D3, D6, D7, D8

2- Teaching and learning methods:

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

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

3- Student assessment:

Method of assessment	Points	%
Written examination	40	40
Drawing sheets	40	40
Oral examination	5	5
Other assignments/class work	5	5
Mid-Term Exam	10	10
Total	100	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**

5- Administrative constraints (List any difficulties encountered)

Non

6- Student evaluation of the course:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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) Non		

10- Action plan

Actions required	Completion date	Person responsible
1.		
2.		

Course coordinator: Prof. Dr. Ibrahim gouda
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 221 Architectural Design 1
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Sophomore -Level 2 - 3rd Semester
4- Credit hours

Credit 3 hrs Lectures 1 hrs Tutorial 6 hrs Practical - hrs

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: Non

B- Statistical Information

4- No. of students attending the course:	**No.**	306	100	**%**
5- No. of students completing the course:	**No.**	304	99.3	**%**

6- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	9	66	140	89	2	306
Spring						
Summer						
Sum	9	66	140	89	2	306
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
• First Project : Dream House :Analysis of program elements	1	6	-	7	7		
• Research on residential buildings	1	6	-	7	7		
• Zoning (bubble diagram – matrix of function)	1	6	-	7	7		
• 3d modeling (masses + site)	1	6	-	7	7		
• Concept development till final approval	1	6	-	7	7		
• Drawing layout by using glass box +4 elevations	1	6	-	7	7		
• Mid-Term Exam	1	6	-	7	7		
• Drawing final layout (to scale)	1	6	-	7	7		
• Drawing Ground floor plan	1	6	-	7	7		

• Final plans	1	6	-	7	7		
• Final elevations	1	6	-	7	7		
• Drawing 2 sections	1	6	-	7	7		
• Final sections	1	6	-	7	7		
• Drawing final skis (pre-complete project)	1	6	-	7	7		
• Representing final project & Jury.	1	6	-	7	7		
Total hours	**15**	**90**	**-**	105	105		

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: This semester is only 13 weeks because of Covid-19
- If any topics were taught which are not specified, give reasons in detail: Non
- Achieved program intended learning outcomes, ILO's:

A4,A13,A14,A22 ,A24	B2,B3,B13	C3,C4,C13,C17	D3,D7

2- Teaching and learning methods:
Lectures: **Lecture, discussions,**
Class activity **Assessments**
Case Study: **Research**
Other assignments/homework: **Bi-weekly assignments and reports**

Classical lecturing using the white board and data show, General criticism & presentations
If teaching and learning methods were used other than those specified, give reasons: Non

3- Student assessment:

Method of assessment	Points	%
Written examination	40	40
Project	20	20
Practical/laboratory work	Non	0
Other assignments/class work	20	20
Mid-Term Exam	20	20
Total	100	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**

5- Administrative constraints (List any difficulties encountered)
Non

6- Student evaluation of the course:

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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) Non		

10- Action plan

Actions required	Completion date	Person responsible
1.		
2.		

Course coordinator: Prof.Dr. Ibrahim gouda
Signature:
Date: September 2019

Annual Course Report

Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 213 BUILDING TECHNOLOGY
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Sophomore -Level 2 - 3rd Semester
4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr Asamer Zakaria
6- Course coordinator: Dr. Asamer Zakaria
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	387	100	**%**
2- No. of students completing the course:	**No.**	370	95.6	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	31	77	138	124	17	387
Spring						
Summer						
Sum	31	77	138	124	17	387
Percentage						

C- Professional Information

1. Contents

Week	Topic	Lecture	Tutorial	Practical	Total	Actual		
						Fall	Spr.	Sum.
1	• Introduction to building Technology	2	0	0	2	2		
2	• Construction Equipment (classifications & types).	2	0	0	2	2		
3	• Construction Equipments(site,transportation&concrete equipments)	2	0	0	2	2		
4	• Construction methods (traditional methods)	2	0	0	2	2		
5	• Construction methods (new construction methods)1	2	0	0	2	2		
6	• Construction methods (new construction methods)2	2	0	0	2	2		

Week	Topic	Lecture	Tutorial	Practical	Total	Actual		
						Fall	Spr.	Sum.
7	• MT Exam	2	0	0	2	2		
8	• ·Construction methods (new construction methods)3	2	0	0	2	2		
9	Construction methods (new construction methods)4	2	0	0	2	2		
10	• · Future building technology &expected development in construction systems	2	0	0	2	2		
11	• Prefabricated buildings.	2	0	0	2	2		
12	• Modules of Prefabricated buildings.	2	0	0	2	2		
13	• Structural units of Prefabricated buildings	2	0	0	2	2		
14	• Prefabrication industry & construction future in Egypt	2	0	0	2	2		
15	• · Revision.	2	0	0	2	2		
	Total hours	**30**	**0**	**0**	**30**	**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:

A1, A5, A24	B4, B5, B13,B17,B23	C1, C2,C23 , C25	D1, D3, D4,D5,D6, D7

2- Teaching and learning methods:

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

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
Project	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: Dr. Khaled Hesham

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:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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) Non		

10- Action plan

Actions required	Completion date	Person responsible
3.		
4.		

Course coordinator: Dr. Asamer Zakaria
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 214 Computer Applications 1
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Sophomore -Level 2 - 3rd Semester
4- Credit hours

Credit 4 hrs Lectures 2 hrs Tutorial 3 hrs Practical 2 hrs

5- Names of lecturers contributing to the delivery of the course: Dr. Reham Mostafa
6- Course coordinator: Dr. Reham Mostafa
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	299	100	**%**
2- No. of students completing the course:	**No.**	293	97.9	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	41	103	109	40	6	299
Spring	19	23	26	22	4	92
Summer	26	38	14	2	1	81
Sum	86	164	149	64	11	472
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
• Introduction & Getting Started	2	3	2	7	7	7	7
• Drawing & Modifying Commands	2	3	2	7	7	7	7
• Drawing & Modifying Commands	2	3	2	7	7	7	7
• Layers Management	2	3	2	7	7	7	7
• Advanced Layers Management	2	3	2	7	7	7	7
• Revision	2	3	2	7	7	7	7
• Mid Term Exam	2	3	2	7	7	7	7
• Hatch Techniques & Blocks	2	3	2	7	7	7	7
• Dimensions, Text & Project Introduction	2	3	2	7	7	7	7
• Photo editing / Xref / Attributes / Design Centre / Tool Palettes	2	3	2	7	7	7	7
• Plotting & Paper Space	2	3	2	7	7		7

• Advanced Commands & Project Correction	2	3	2	7	7	7	7
• Revision & Makeup classes	2	3	2	7	7	7	7
• Project submission	2	3	2	7	7	7	7
• Practical Exam	2	3	2	7	7	7	7
Total hours	**30**	**45**	**30**	**105**	**105**	**105**	**105**

- 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:

A2, A4, A8, A14, A15,A21	B1, B2, B3, B13	C5, C12, C13, C14, C24	D1, D3, D6, D7

2- Teaching and learning methods:

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

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

3- Student assessment:

Method of assessment	Points	%
Written examination	40	40
Project	10	10
Practical/laboratory work	20	20
Other assignments/class work	20	20
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Dr. Reham 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)

Non

6- Student evaluation of the course:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	

Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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) Non		

10- Action plan

Actions required	Completion date	Person responsible
5.		
6.		

Course coordinator: Dr. Reham Mostafa – Dr. Marwa Abbas
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 220 Theories of Architecture - (1)
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Sophomore -Level 2 - 3rd Semester
4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr. Reem El-Hadad
6- Course coordinator: Dr. Reem El-Hadad
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	385	100	**%**
2- No. of students completing the course:	**No.**	33	92.1	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	57	82	116	130	33	385
Spring						
Summer						
Sum	57	82	116	130	33	385
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
• Introduction: about the relationship between architecture and theories of architecture.	2	-	-	2	2		
• Architectural definitions and constrains	2	-	-	2	2		
• Types and typologies of Buildings	2	-	-	2	2		
• Design Process :-Briefing -Analysis	2	-	-	2	2		
• Design Process: synthesis	2	-	-	2	2		
• Design Process: Design- Appraisal Evaluation.- Communications	2	-	-	2	2		
• Mid Term Exam	2	-	-	2	2		

• Architectural Spaces is the basic of design and forming:1:- Architectural Spaces	2	-	-	2	2		
• Architectural Spaces forming:2 :- Buildings and spaces elements	2	-	-	2	2		
• Architectural Spaces forming: :circulation, vertical, horizontal	2	-	-	2	2		
• Architectural Forming: Shape- Color- Texture	2	-	-	2	2		
• The Principles of Architectural Forming Process:-	2	-	-	2	2		
• Introduction about Architectural Theories: (Functionalism) , (Organism)	2	-	-	2	2		
• Researches Discussion	2	-	-	2	2		
• Researches Discussion	2	-	-	2	0		
Total hours	**30**	**-**	**-**	**30**	**28**		

- 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:

A1,A4,A11,A12,A14 ,A16 ,A18.A19, A23	B3,B9,B12,B20 ,	C1,C2,C13	D1,D2,D3,D7

2- Teaching and learning methods:

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

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
Project	10	10
Practical/laboratory work	Non	0
Other assignments/class work	10	10
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Dr. Reem El-Hadad

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:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(e) Book update	Oct. 2021	

10- Action plan

Actions required	**Completion date**	**Person responsible**
none		

Course coordinator: Dr. Reem El-Hadad
Signature:

September 2019 **Date:**

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 215 Properties & Resistance of Materials

2- Relevant program/s: Architecture Engineering and Building Technology

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

4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr. Adham El-Alfy

6- Course coordinator: Dr. Adham El-Alfy

7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	374	100	**%**
2- No. of students completing the course:	**No.**	370	98.9	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	219	96	42	13	4	374
Spring						
Summer	2	3	-	-	-	5
Sum	221	99	42	13	4	379
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours
• Types of structures. Types of loads and supports.	2	3	-
• Resultant of loads. Reactions.	2	3	-
• Simple and compound beams.	2	3	-
• Concentrated loads and moments.	2	3	-
• Equilibrium and stability in planner statically determined structures.	2	3	-
• Trussed beams.	2	3	-
• Mid Term Exam	2	3	-
• Internal forces definition / Simple frames, frames with link members, and closed frames..	2	3	-
• Internal forces in beams, frames, and arches.	2	3	-
• Trusses; definition, method of joints and method of sections.	2	3	-
• Stability conditions.	2	3	-
• Uniform and triangular loads.	2	3	-
• Normal stresses	2	3	-

• Shear stresses	2	3	-
• 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: Non
- If any topics were taught which are not specified, give reasons in detail: Non
- Achieved program intended learning outcomes, ILO's:

A1, A3, A4, A15	B3,B5,B6,B13,B17,B18	C2,C10,C15,C21,C22,C23	D1,D3,D5

2- Teaching and learning methods:

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

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
Project	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:	Dr. Adham El-Alfy
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:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(f) Non		

10- Action plan

Actions required	Completion date	Person responsible
7.		
8.		

Course coordinator: Dr. Adham El-Alfy
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: (ARC 223) Visual Training (1)
2- Program(s) on which this course is given:
Architecture Engineering and Building Technology Program
3- Year/Level of program: Third Semester (Level 2)
4- Credit hours
Credit: 2 hrs. **Lectures:** 1 hrs. **Tutorial:** 3 hrs. **Total** 4hrs
5- Names of lecturers contributing to the delivery of the course: Prof. Dr. Mona El-Basyoni

6- Course coordinator: Prof. Dr. Mona El-Basyoni
7- External evaluator: None

B- Statistical Information

1- No. of students attending the course:	**No.**	409	100	**%**
2- No. of students completing the course:	**No.**	347	84.8	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	34	40	101	172	62	409
Spring						
Summer						
Sum	34	40	101	172	62	409
Percentage						

C- Professional Information

1 – Course Teaching Hours

Week	Topic	Lecture	Tutorial	Practical	Total	Actual		
						Fall	Spr.	Sum.
1	Thickness of lines using pencil.	1	3	0	4	4		
2	Texture of different materials using pencil	1	3	0	4	4		

Week	Topic	Lecture	Tutorial	Practical	Total	Actual		
						Fall	Spr.	Sum.
3	Copying a drawing with different scale.	1	3	0	4	4		
4	Different techniques for sketching.	1	3	0	4	4		
5	Sketching 2D drawings/ Presentation for different architectural drawings.	1	3	0	4	4		
6	Techniques for sketching 3D drawings	1	3	0	4	4		
7	MT Exam	-	-	-	-	-		
8	Rules for freehand perspective.	1	3	0	4	4		
9	Techniques for sketching 3D drawings.	1	3	0	4	4		
10	Sketching 3D drawings from nature.	1	3	0	4	4		
11	Shade and shadows in 3D drawings	1	3	0	4	4		
12	Shade and shadows in 3D drawings	1	3	0	4	4		
	Total hours	**11**	**33**	**0**	**44**	**44**		

- **Topics taught as a percentage of the content specified:**
  90 %
- **Reasons in detail for not teaching any topic:**
  Corona pandemic, the term was reduced to 12 weeks
- **If any topics were taught which are not specified, give reasons in detail:**
  None
- **Achieved program intended learning outcomes, ILO's:**
  A13, A20, B4, B13, B14, C13, C17, C18, D1, D3, D8

2- Teaching and learning methods:

Lectures: Lecture, tutorials, General criticism & presentations
Class activity sketching
Case Study: Free architecture sketching
Other assignments/homework: Bi-weekly assignments

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

3- Student Assessment Methods

Method of assessment	Points	%
Written examination (drawing)	40	40
Quizzes	None	0
Practical/laboratory work	None	0
Mini Project	10	10
Periodical Sketches	20	20

Other assignments/class work	20	20
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Prof. Dr. Mona El-Basyoni
Role of external evaluator: None

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	-
Inadequate	-

List any inadequacies: None

5- Administrative constraints (List any difficulties encountered)

None

6- Student evaluation of the course:

Questionnaire Results

Course	0
Lecturer	0
Assistant	0
Book	0
Assessment	0
Laboratory	0

	List any criticisms	Response of course team
(a)	None	None

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	None	None

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.

- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.

  The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

9- Course enhancement:

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

Actions required	Planned Completion date	Accomplishment
None		

10- Action plan

Actions required	Completion date	Person responsible
None		

Course coordinator: Prof. Dr. Mona El-Basyoni
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 212 Architectural Construction 2
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Sophomore -Level 2 – 4th Semester
4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Prof. Dr. Ibrahim gouda
6- Course coordinator: Prof. Dr. Ibrahim gouda Dr. Indjy Shawkt
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	292	100	**%**
2- No. of students completing the course:	**No.**	282	96.9	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall						
Spring	15	66	105	124	10	292
Summer	3	15	8	7	1	34
Sum	18	81	113	131	11	326
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
• Introduction & Elements of Building.	2	3	-	5		5	5
• Sequence of Building Construction.	2	3	-	5		5	5
• Construction Systems: Bearing walls.	2	3	-	5		5	5
• Construction Systems: Skeleton Construction.	2	3	-	5		5	5
• Foundations: Surface foundations.	2	3	-	5		5	5
• Foundations: Deep foundations.	2	3	-	5		5	5
• Mid Term Exam (M. T1).	2	3	-	5		5	5
• Brick walls: Types of brick & mortar	2	3	-	5		5	5
• Brick wall bonding: English Bond & Flemish Bond.	2	3	-	5		5	5
• Masonry walls: Classifications of stones – walling philosophy.	2	3	-	5		5	5

• Masonry walls: Sills – Cornices – Copings.	2	3	-	5		5	5
• Roof Structures: Linear structural elements – Surface resistant.	2	3	-	5		5	5
• R.C. floors &steel floors: Sections and details.	2	3	-	5		5	5
• Revision	2	3	-	5		5	5
• Revision	2	3	-	5		5	5
Total hours	**30**	**45**	**-**	**75**		**75**	**75**

- 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:

A3, A4, A24	B2,B5,B11, B12, B14 , B22	C2, C3, C12, C14, C23, C24,C25	D1, D2, D3, D6, D7,D8

2- Teaching and learning methods:

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

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

3- Student assessment:

Method of assessment	Points	%
Written examination	40	40
Drawing sheets	40	40
Oral examination	5	5
Other assignments/class work	5	5
Mid-Term Exam	10	10
Total	100	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**

5- Administrative constraints (List any difficulties encountered)

Non

6- Student evaluation of the course:

Questionnaire Results

Course	
Lecturer	

Assistant	
Book	
Assessment	
Laboratory	

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(g) Non		

10- Action plan

Actions required	Completion date	Person responsible
9.		
10.		

Course coordinator: Prof. Dr. Ibrahim gouda- Dr. Indjy Shawkt
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 222 Architectural Design 2
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Sophomore -Level 2 – 4th Semester
4- Credit hours

Credit 3 hrs Lectures 1 hrs Tutorial 6 hrs Practical - hrs

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: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	303	100	**%**
2- No. of students completing the course:	**No.**	288	93.20	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall						
Spring	34	76	94	84	21	303
Summer	3	5	13	30	-	53
Sum	37	81	107	114	21	356
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
• Choosing one project from 5 general projects	1	6	-	7		7	7
• Analysis of program elements	1	6	-	7		7	7
• Research on the chosen project	1	6	-	7		7	7
• Zoning (bubble diagram , matrix of functions	1	6	-	7		7	7
• 3D modeling (masses , site) , skis	1	6	-	7		7	7
• Concept development , skis	1	6	-	7		7	7
• Mid Term Exam	1	6	-	7		7	7
• Final plans	1	6	-	7		7	7
• Final sections	1	6	-	7		7	7
• Final elevations	1	6	-	7		7	7

• 3D perspectives	1	6	-	7	7	7	7
• Development project till final approval	1	6	-	7		7	7
• Representing project by digital media or manual method	1	6	-	7		7	7
• Representing project by digital media or manual method	1	6	-	7		7	7
• Representing final project , jury	1	6	-	7		7	7
Total hours	**15**	**90**	**-**	105		105	105

- 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:

A4,A13,A14, A22, A24	b1 to b5 B2, B3, B13	C3, C4,C13,C17	D3, D7

2- Teaching and learning methods:

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

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

3- Student assessment:

Method of assessment	Points	%
Written examination	40	40
Project	20	20
Practical/laboratory work	Non	0
Other assignments/class work	20	20
Mid-Term Exam	20	20
Total	100	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**

5- Administrative constraints (List any difficulties encountered)

Non

6- Student evaluation of the course:

Questionnaire Results

Course	
Lecturer	
Assistant	

Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(h) Non		

10- Action plan

Actions required	**Completion date**	**Person responsible**
11.		
12.		

Course coordinator: Prof. Dr. Ibrahim gouda
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 241 History of Architecture(1)
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Sophomore -Level 2 – 4th Semester
4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr. Hesham Yahia
6- Course coordinator: Dr. Reem El-Hadad
7- External evaluator: Non

B- Statistical Information

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

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall						
Spring						
Summer						
Sum						
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
• Introduction : about history of architecture Prehistoric architecture: Ancient Egyptian	2	-	-	2			
• The pharaonic Character and Features	2	-	-	2			
• The Architectural Buildings(Tombs)	2	-	-	2			
• The Architectural Buildings (Temples)	2	-	-	2			
• The Architectural Buildings(Temples)	2	-	-	2			
• The Hellenistic Architecture:	2	-	-	2			
• Mid Term Exam	2	-	-	2			
• Greek Architecture: Character and Features	2	-	-	2			

• The Greek Columns ,Temples, Buildings	2	-	-	2			
• The Roman Architecture: Features - Columns-temples	2	-	-	2			
• Buildings (theater-Amphitheater-….	2	-	-	2			
• Seminars	2	-	-	2			
• Researches Discussion	2	-	-	2			
• Researches Discussion	2	-	-	2			
• Revision	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: Non
- If any topics were taught which are not specified, give reasons in detail: Non
- Achieved program intended learning outcomes, ILO's:

A17,A19	B4, B20,B21	C18,C21,C22	D1,D2,D3,D4

2- Teaching and learning methods:

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

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
Project	10	10
Practical/laboratory work	Non	0
Other assignments/class work	10	10
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Dr. Reem El-Hadad

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:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

	List any criticisms	Response of course team
(a)		
(b)		
	Comment	**Response of course team**
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(i) Non		

10- Action plan

Actions required	Completion date	Person responsible
1.		
2.		

Course coordinator: Dr. Reem El-Hadad
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 216 Surveying
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: - Sophomore -Level 2 – 4th Semester
4- Credit hours

Credit 2 hrs Lectures 1 hrs Tutorial 1 hrs Practical 2 hrs

5- Names of lecturers contributing to the delivery of the course: Dr. Mohamed El Masry
6- Course coordinator: Dr. Amira abd El-Aziz
7- External evaluator: Non

B- Statistical Information

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

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall						
Spring						
Summer						
Sum						
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours
• Definition of surveying.	1	1	2
• Types of measurements.	1	1	2
• Measurement errors.	1	1	2
• Linear measurements.	1	1	2
• Taping.	1	1	2
• Distance corrections.	1	1	2
• Mid-Term Exam	1	1	2
• Leveling./ Types of Levels.	1	1	2
• Profile and cross-sectional leveling.	1	1	2
• Area computations	1	1	2
• Angle measurements and Theodolites	1	1	2
• Traverse surveys and computations	1	1	2
• Contour Maps / Cut and Fill	1	1	2

• Topographic surveying	1	1	2
• 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: Non
- If any topics were taught which are not specified, give reasons in detail: Non
- Achieved program intended learning outcomes, ILO's:

A4, A8, A14, A24	B2, B9, B18, B22	C1, C6, C15,C16	D3, D5, D6

2- Teaching and learning methods:

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

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
Project	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. Amira abd El-Aziz

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:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		

(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(j) Non		

10- Action plan

Actions required	Completion date	Person responsible
1.		
2.		

Course coordinator: Dr. Amira abd El-Aziz
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 217 Theory of Structures
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Sophomore -Level 2 – 4th Semester
4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr. Tamer Seleem
6- Course coordinator: Dr. Tamer Seleem
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	451	100	**%**
2- No. of students completing the course:	**No.**	400	88.8	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	0	0	0	0		0
Spring	79	90	94	137	51	451
Summer	4	13	18	15	8	58
Sum	83	103	112	152	59	509
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours
• Types of structures. Types of loads and supports.	1	3	-
• Resultant of loads. Reactions.	1	3	-
• Simple and compound beams.	1	3	-
• Concentrated loads and moments.	1	3	-
• Equilibrium and stability in planner statically determined structures. s	1	3	-
• Trussed beams.	1	3	-
• Mid-Term Exam	1	3	-
• Simple frames, frames with link members, and closed frames.	1	3	-
• Internal forces in beams, frames, and arches. + Internal forces definition.	1	3	-
• Trusses; definition, method of joints and method of sections.	1	3	-
• Stability conditions.	1	3	-

• Uniform and triangular loads.	1	3	-
• Normal stresses	1	3	-
• Shear stresses	1	3	-
• 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: Non
- If any topics were taught which are not specified, give reasons in detail: Non
- Achieved program intended learning outcomes, ILO's:

A1,A4,A5,A8,A14	B2,B3,B4,B5,B11,B13	C1,C2,C3,C7, C24	D6,D7

2- Teaching and learning methods:

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

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
Project	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: Dr. Tamer Seleem
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:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments _____

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(k) Non		

10- Action plan

Actions required	Completion date	Person responsible
3.		
4.		

Course coordinator: Dr. Tamer Seleem
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: (ARC 218) Sciagraphy and Perspective

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

3- Year/Level of program: Fourth Semester (Level 2)

4- Credit hours

Credit: 3 hrs. **Lectures:** 2 hrs. **Tutorial:** 4 hrs. **Total** 6hrs

5- Names of lecturers contributing to the delivery of the course: Prof. Dr. Mona El-Basyoni

6- Course coordinator: Prof. Dr. Mona El-Basyoni

7- External evaluator: None

B- Statistical Information

4- No. of students attending the course:	**No.**	332	100	**%**
5- No. of students completing the course:	**No.**	319	96.00	**%**

6- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	0.0	0.0	0.0	0.0	0.0	0.0
Spring	135	82	63	39	13	332
Summer	33	14	13	11	1	70
Sum	168	96	76	50	14	402
Percentage						

C- Professional Information

1 – Course Teaching Hours

Week	Topic	Lecture	Tutorial	Practical	Total	Actual		
						Fall	Spr.	Sum.
1	Introduction to shades and shadows, Shade of points and lines.	2	4	0	6	-	6	6
2	Shades of plains and surfaces	2	4	0	6	-	6	6
3	Shades of plains and surfaces	2	4	0	6	-	6	6
4	Shades of circles	2	4	0	6	-	6	6
5	Shades and shadows of objects and masses (prisms)	2	4	0	6	-	6	6
6	Shades and shadows of objects and masses (cone and cylinder)	2	4	0	6	-	6	6
7	MT Exam	-	-	-	-	-		
8	Architectural applications	2	4	0	6	-	6	6
9	One vanishing point perspective	2	4	0	6	-	6	6
10	Interior perspective	2	4	0	6	-	6	6
11	Two vanishing points perspective	2	4	0	6	-	6	6
12	Applications on two vanishing points perspective	2	4	0	6	-	6	6
	Total hours	**22**	**44**	**0**	**66**	**-**	**66**	**66**

- **Topics taught as a percentage of the content specified:**
  90 %
- **Reasons in detail for not teaching any topic:**
  Corona pandemic, the term was reduced to 12 weeks
- **If any topics were taught which are not specified, give reasons in detail:**
  None
- **Achieved program intended learning outcomes, ILO's:**
  A4, A20, A13, B4, B14, C13, C18, C12, D3, D8

2- Teaching and learning methods:

Lectures: Lecture, tutorials, General criticism & presentations
Class activity sketching
Case Study: architectural sketching
Other assignments/homework: Bi-weekly assignments

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

3- Student Assessment Methods

Method of assessment	Points	%
Written examination (drawing)	40	40
Quizzes	None	0

Practical/laboratory work	None	0
Project	0	0
Periodical Sketches	30	30
Other assignments/class work	20	20
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Prof. Dr. Mona El-Basyoni
Role of external evaluator: None

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	-
Inadequate	-

List any inadequacies: None

5- Administrative constraints (List any difficulties encountered)

None

6- Student evaluation of the course:

Questionnaire Results

Course	0
Lecturer	0
Assistant	0
Book	0
Assessment	0
Laboratory	0

	List any criticisms	Response of course team
(a)	None	None

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	None	None

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form

- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.

  The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

9- Course enhancement:

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

Actions required	Planned Completion date	Accomplishment
None		

10- Action plan

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

Course coordinator: Prof. Dr. Mona El-Basyoni
Signature:
Date: September 20**19**

Second year Architecture
Level 3

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

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 311 Architectural Construction & Building Materials(1)
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Sophomore -Level 3 - 5th Semester
4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr. Magdy Tamam
6- Course coordinator: Dr. Magdy Tamam
7- External evaluator: Non

B- Statistical Information

7-	No. of students attending the course:	No.	428	100 %
8-	No. of students completing the course:	No.	394	92.00 %

9- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	32	99	131	80	34	428
Spring	6	8	18	19	1	52
Summer						
Sum	38	107	149	99	35	480
Percentage						100.0

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
Introduction & Revision (Symbols)	2	3		5	5	5	
Waterproofing – Heat, sound and Radiation Insulations (Methods -Types- Materials).	2	3		5	5	5	
Insulation Layers and Applying methods.	2	3		5	5	5	
Expansion, Settlement and Material Joints. (Floors-Roofs-Walls…) .	2	3		5	5	5	
Walls and Floors (Interior& Exterior) (Finishing Materials, Plaster, painting).	2	3		5	5	5	
Stairs (Design–Types-Specifications and Construction).	2	3		5	5	5	
Mid-Term Exam				5	5	5	
Reinforced Concrete Stairs (Details)- Handrail – Finishing Materials	2	3		5	5	5	
Wood (introduction–types–use in buildings)	2	3		5	5	5	
Wooden Work & Products Design and Drawing basics (Joist sizes - Joints- accessories).	2	3		5	5	5	
Wooden Doors (Interior& Exterior) (Frames, Stock and Hardware).	2	3		5	5	5	

Wooden doors Details (Solid Molded, Slat).	2	3		5	5	5	
Wood doors Details (Paneled, Flush doors).	2	3		5	5	5	
Wood doors Details (Doors Hardware Equipment).	2	3		5	5	5	
Revision: ……..Revision	2	3		5	5	5	
Total hours	**30**	**45**	**0**	**75**	**75**	**75**	

- 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:

A14, A15, A20, A21, A23, A24,A25	B14, B15, B17 ,B22,B23	C14, C15, C17, C22,C24 ,C23 , C25	D1, D2,D3, D6, D7, D8

2- Teaching and learning methods:

Lecture, presentations, discussions, tutorials, problem solving, self-learning, modeling and Laboratory Experiments

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

3- Student assessment:

Method of assessment	Points	%
Written examination	40	40
Oral examination	Non	0
Practical/laboratory work	Non	0
Other assignments/class work	50	50
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Dr. Magdy Tamam
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:

Questionnaire Results

Course	

Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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) Non		

10- Action plan

Actions required	Completion date	Person responsible
1.		
2.		

Course coordinator: Dr. Magdy Tamam
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 321 Architecture & Human Studies
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Sophomore -Level 3 - 5th Semester
4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr. Mohamed Thabat
6- Course coordinator: Dr. Mohamed Thabat
7- External evaluator: Non

B- Statistical Information

10- No. of students attending the course:	**No.**	446	100 %
11- No. of students completing the course:	**No.**	411	95.14 %

12- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	38	103	137	123	53	446
Spring						
Summer						
Sum	38	103	137	123	53	446
Percentage						100.0

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
Introduction, basic definitions and terminology	2			2	2		
Main topics of human studies &Architecture	2			2	2		
Human needs & its impact on space& Arch.	2			2	2		
Islamic culture in Arch.	2			2	2		
Arch. values in Islamic city	2			2	2		
Arch. As build environment The role of the environment (green &smart) Arch	2			2	2		
Mid Term Exam							
Shaping the culture & behavior of a Society throughout history	2			2	2		
Shaping the culture & behavior of a Society throughout history	2			2	2		
Vernaculars & traditional arch	2			2	2		
Relation between man & environment	2			2	2		
1. Relation between man & environment Natural & informal arch. Nubian / siwa / etc.	2			2	2		
Informal arch	2			2	2		
Community participation	2			2	2		

Introduction, basic definitions and terminology	2			2	2		
Total hours	**30**	**0**	**0**	**30**	**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:

A4,A5,A17,A24	B3,B4,B19	C6,C12,C21,C22, C25	D1,D3, D5,D6

2- Teaching and learning methods:

Lecture, presentations, discussions, tutorials, problem solving, self-learning, modeling and Laboratory Experiments

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: Dr. Mohamed Thabat
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:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team

(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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) Non		

10- Action plan

Actions required	Completion date	Person responsible
3.		
4.		

Course coordinator: Dr. Mohamed Thabat
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 322 Architectural Design 3
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Sophomore -Level 3 - 5th Semester
4- Credit hours

Credit 3 hrs Lectures 1 hrs Tutorial 6 hrs Practical - hrs

5- Names of lecturers contributing to the delivery of the course: Dr. Asamer Zakariea

6- Course coordinator: Dr. Asamer Zakariea
7- External evaluator: Non

B- Statistical Information

13- No. of students attending the course:	**No.**	447	100 **%**
14- No. of students completing the course:	**No.**	430	96.19 **%**

15- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	76	108	129	117	17	447
Spring		10	31	21	3	65
Summer						
Sum	76	118	160	138	20	512
Percentage						100.0

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
1st project : School	1	6		7	7	7	
School project + site analysis	1	6		7	7	7	
Design criteria of School buildings	1	6		7	7	7	
Bubble diagram + zoning of elements	1	6		7	7	7	
Site model	1	6		7	7	7	
Masses – model - Concept development	1	6		7	7	7	
Mid-Term Exam				7	7	7	
Drawing master plan	1	6		7	7	7	
Solving design – problems in plan	1	6		7	7	7	
Final plans + Final site design	1	6		7	7	7	
Drawing main sections + Main elevation	1	6		7	7	7	
Drawing main sections + Main elevation	1	6		7	7	7	
Final preservation of project + jury	1	6		7	7	7	
Total hours	**12**	**72**	**0**	105	**105**	**105**	

- 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:

A5, A13 ,A14,A17,A18, A21	B3, B4, B13, B14	C3, C6, C17	D3,D7

2- Teaching and learning methods:

Lecture, presentations, discussions, tutorials, problem solving, self-learning, modeling and Laboratory Experiments

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	Non	0
Other assignments/class work	50	50
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Dr. Asamer Zakariea
Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	
Inadequate	

List any inadequacies: Incomplete laboratory equipment, substituted by computer simulations

5- Administrative constraints (List any difficulties encountered)

Non

6- Student evaluation of the course:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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) Non		

10- Action plan

Actions required	Completion date	Person responsible
5. Improve wi fi in halls		academy
6. Support team work through additional small project		lecturer

Course coordinator: Dr. Asamer Zakariea
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 324 Design Methodology
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Sophomore -Level 3 - 5th Semester
4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr. Moatz BeAllah
6- Course coordinator: Dr. Moatz BeAllah
7- External evaluator: Non

B- Statistical Information

16- No. of students attending the course:	**No.**	458	100 %
17- No. of students completing the course:	**No.**	398	86.90 %

18- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	12	84	99	145	60	458
Spring						
Summer						
Sum	12	84	99	145	60	458
Percentage						100.0

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
Traditional methods of thinking	2			2	2		
Architectural problem & objectives	2			2	2		
Main Goals ,Secondary Goals	2			2	2		
Pyramid of Goals	2			2	2		
Architectural Invention process	2			2	2		
Phases of design process Tools of Architectural invention	2			2	2		
Mid Term Exam							
Methods of Architectural process Methods of Data Collection	2			2	2		
Architectural Design Process phases	2			2	2		
Examples of Different Building Design ,Goals , Zoning	2			2	2		
Different components forms ,shapes, in Architecture	2			2	2		
Different Architectural ,icons Ideas	2			2	2		
Explain Different Architectural examples ,concept ,idea	2			2	2		
Researches Presentation, revision	2			2	2		

Traditional methods of thinking	2			2	2		
Total hours	**30**	**0**	**0**	**30**	**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:

A4, A5,A8, A9, A11	B5, B7, B20	C3, C4, C8, C18,C12,C15,C20	D3, D5, D6, D7

2- Teaching and learning methods:

Lecture, presentations, discussions, tutorials, problem solving, self-learning, modeling and Laboratory Experiments

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: Dr. Moatz BeAllah
Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	
Inadequate	

List any inadequacies: Incomplete laboratory equipment, substituted by computer simulations

5- Administrative constraints (List any difficulties encountered)

Non

6- Student evaluation of the course:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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) Non		

10- Action plan

Actions required	Completion date	Person responsible
7.		
8.		

Course coordinator: Dr. Moatz BeAllah
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 314 Reinforced Concrete & Steel Structures
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Sophomore -Level 3 - 5th Semester
4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr. Ayman Ezzat
6- Course coordinator: Dr. Ayman Ezzat
7- External evaluator: Non

B- Statistical Information

19- No. of students attending the course:	**No.**	373	100 %
20- No. of students completing the course:	**No.**	311	83.40 %

21- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	58	85	68	97	62	373
Spring						
Summer	26	20	39	30	13	128
Sum	84	105	107	127	75	501
Percentage						100.0

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
Introduction to reinforced concrete.	2	1		3	3		3
Design fundamentals for concrete structures.	2	1		3	3		3
Analysis and design of sections under bending moment	2	1		3	3		3
Load distribution	2	1		3	3		3
Details of beams' reinforcement	2	1		3	3		3
Solid slabs.	2	1		3	3		3
Mid-Term Exam				3	3		3
Stairs- Columns.	2	1		3	3		3
Special slabs.	2	1		3	3		3
Design fundamentals of steel structures.	2	1		3	3		3
Details for trusses.	2	1		3	3		3
Details for steel frames	2	1		3	3		3
Design of columns	2	1		3	3		3
Design o beams	2	1		3	3		3
Design of connections	2			3	3		3
Total hours	**30**	**45**	**0**	**75**	**75**		**75**

- 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:

A4, A5,A6	B2, B3, B11,B24	C1, C3, C7, C24	D6, D7

2- Teaching and learning methods:

Lecture, presentations, discussions, tutorials, problem solving, self-learning, modeling and Laboratory Experiments

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: Dr. Ayman Ezzat
Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	
Inadequate	

List any inadequacies: Incomplete laboratory equipment, substituted by computer simulations

5- Administrative constraints (List any difficulties encountered)

Non

6- Student evaluation of the course:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(e) Non		

10- Action plan

Actions required	Completion date	Person responsible
9.		
10.		

Course coordinator: Dr. Ayman Ezzat
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 327 Theories of Architecture (2)
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Sophomore -Level 3 - 5th Semester
4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr. Marwa Abbas
6- Course coordinator: Dr. Marwa Abbas
7- External evaluator: Non

B- Statistical Information

22- No. of students attending the course:	**No.**	437	100 **%**
23- No. of students completing the course:	**No.**	395	90.4 **%**

24- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	44	105	125	121	42	437
Spring	10	15	21	11	6	61
Summer						
Sum	54	120	146	132	48	498
Percentage						100.0

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
building types	2			2	2	2	
Educational building	2			2	2	2	
Educational building	2			2	2	2	
office building	2			2	2	2	
hotels	2			2	2	2	
Commercial buildings	2			2	2	2	
Mid-Term Exam							
Restaurants	2			2	2	2	
Restaurants	2			2	2	2	
Theatres	2			2	2	2	
Theatres	2			2	2	2	
Museum	2			2	2	2	
Hospitals – parking	2			2	2	2	
architectural themes	2			2	2	2	
architectural themes	2			2	2	2	
Total hours	30	0	0	30	30	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:

A15,A17,A18,A19	B1,B2,B3,B4,B5,B6,B7,B8	C1,C2,C3	D1,D2,D3,D4,D5,D6,D7,D8,D9

2- Teaching and learning methods:

Lecture, presentations, discussions, tutorials, problem solving, self-learning, modeling and Laboratory Experiments

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: Dr. Marwa Abbas
Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	
Inadequate	

List any inadequacies: Incomplete laboratory equipment, substituted by computer simulations

5- Administrative constraints (List any difficulties encountered)

Non

6- Student evaluation of the course:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(f) Non		

10- Action plan

Actions required	Completion date	Person responsible
11.		
12.		

Course coordinator: Dr. Marwa Abbas
Signature:
Date: September 2019

ARC 326 History & Theory of Planning
Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 326 History & Theory of Planning
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Sophomore -Level 3 - 5th Semester
4- Credit hours

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

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: Non

B- Statistical Information

25- No. of students attending the course:	**No.**	472	100 **%**
26- No. of students completing the course:	**No.**	455	96.50 **%**

27- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	100	137	112	106	17	472
Spring						
Summer						
Sum	100	137	112	106	17	472
Percentage						100.0

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
The beginning of the city	2			2	2		
Mesopotamia cities.	2			2	2		
Ancient Egyptian civilization	2			2	2		
Planning of Greek cities.	2			2	2		
Planning of roman cities.	2			2	2		
Analysis for the planning theories in that ear	2			2	2		
Mid-Term							
Cities in the middle eras	2			2	2		
Islamic cities	2			2	2		
Islamic city (case studies)	2			2	2		
The renaissance cities.	2			2	2		
Applications for the model towns	2			2	2		
Theories for city planning	2			2	2		
The Contemporary Egyptian city and its problems-environmental problems-pollution-slum areas	2			2	2		

Final revision – discussion for the second requirement report	2			2	2		
Total hours	**30**	**0**	**0**	**30**	**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:

A16,A15,A17,A18	B2,B3,B18,B20,B21	C13,C21,C22	D1,D7,D8

2- Teaching and learning methods:

Lecture, presentations, discussions, Quizzes, problem solving, self-learning, modeling and Laboratory Experiments

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. Nahed Omran
Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	
Inadequate	

List any inadequacies: Incomplete laboratory equipment, substituted by computer simulations

5- Administrative constraints (List any difficulties encountered)

Non

6- Student evaluation of the course:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments _____

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(g) Non		

10- Action plan

Actions required	Completion date	Person responsible
1. Site visit to Old Islamic Cairo		
2. More time to open discussion		

Course coordinator: Prof. Dr. Nahed Omran
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 312 Architectural Construction & Building Materials(2)
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Sophomore -Level 3 - 5th Semester
4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr. Magdy Tamam
6- Course coordinator: Dr. Magdy Tamam
7- External evaluator: Non

B- Statistical Information

28- No. of students attending the course:	**No.**	272	100 **%**
29- No. of students completing the course:	**No.**	255	93.75 **%**

30- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	1	3	6	18	9	37
Spring	15	62	101	77	17	272
Summer	3	3	18	40	7	71
Sum	19	68	125	135	33	**380**
Percentage						100.0

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
Introduction & Revision	2	3		5	5	5	5
Steel works(types-sections-materials-usage)	2	3		5	5	5	5
Steel connections & welding	2	3		5	5	5	5
Steel columns – frames – beams – roofing – cladding	2	3		5	5	5	5
Steel stairs (Design – types – specifications & construction) and mechanical works	2	3		5	5	5	5
Steel doors & windows (intro – types – usage – joints – accessories – details – equipment)	2	3		5	5	5	5
Mid-Term Exam				5	5	5	5
Intro in working drawing projects , plans of project with check list & finishing tables	2	3		5	5	5	5
Sections of projects	2	3		5	5	5	5
Elevations of project with check list & finishing table	2	3		5	5	5	5

Layout (softscape – hardscape) with finishes table	2	3		5	5	5	5
Sanitary works & its drawing with symbols	2	3		5	5	5	5
Electrical works of its drawing with symbols	2	3		5	5	5	5
Mechanical works (elevations – sections)	2	3		5	5	5	5
Revision: ……..presentation	2	3		5	5	5	5
Total hours	**28**	**42**	**0**	**75**	**75**	**75**	**75**

- 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:

A14, A15, A20, A21, A23,A24	B13, B14, B15, B17 , B22	C15, C14, C18, C25 , C24	D1, D2,D3, D6, D7, D8

2- Teaching and learning methods:

Lecture, presentations, discussions, tutorials, problem solving, self-learning, modeling and Laboratory Experiments

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

3- Student assessment:

Method of assessment	Points	%
Written examination	40	40
Oral examination	Non	0
Practical/laboratory work	Non	0
Other assignments/class work	40	40
Mid-Term Exam	20	20
Total	100	100

Members of examination committee: Dr. Magdy Tamam
Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	
Inadequate	

List any inadequacies: Incomplete laboratory equipment, substituted by computer simulations

5- Administrative constraints (List any difficulties encountered)

Non

6- Student evaluation of the course:

Questionnaire Results

Course	

Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(h) Non		

10- Action plan

Actions required	Completion date	Person responsible
3.		
4.		

Course coordinator: Dr. Magdy Tamam
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 313 Computer Applications 2
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Sophomore -Level 3 - 5th Semester
4- Credit hours

Credit 4hrs Lectures 2 hrs Tutorial 2 hrs Practical 2 hrs

5- Names of lecturers contributing to the delivery of the course: Dr. Hosam Mohamed
6- Course coordinator: Dr. Hosam Mohamed Abd el Aziz
7- External evaluator: Non

B- Statistical Information

31- No. of students attending the course:	**No.**	353	100 **%**
32- No. of students completing the course:	**No.**	347	98.3 **%**

33- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	4	7	8	22	17	58
Spring	124	117	60	46	6	353
Summer						
Sum	128	**124**	**68**	**88**	**21**	**411**
Percentage						100.0

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
Introduction, basic definitions and terminology extruding & revolving objects	2	2	2	6	6	6	
Solid editing in autocad 3d, ucs	2	2	2	6	6	6	
3d operations, sweep & loft in autocad	2	2	2	6	6	6	
Cameras in autocad – modeling shapes .	2	2	2	6	6	6	
Introduction to 3dmax program interface	2	2	2	6	6	6	
Creating standard primitives objects in 3d max	2	2	2	6	6	6	
Creating compound objects				6	6	6	
Mid term exam	2	2	2	6	6	6	
Drawing 2d shapes in 3dmax	2	2	2	6	6	6	
Modifier list applications	2	2	2	6	6	6	
Modifier list applications	2	2	2	6	6	6	
Using lights , materials , cameras	2	2	2	6	6	6	
Using lights , materials , cameras	2	2	2	6	6	6	
Practical exam	2	2	2	6	6	6	
Revision	2	2	2	6	6	6	
Total hours	30	30	30	**90**	**90**	**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
- Achieved program intended learning outcomes, ILO's:

A1,A4, A13, A14, A20	B1, B4, B9, B13, B14, B15 ,B21	C14,C15,C17,C21	D1,D2, D3, D5,D6 D7, D8

2- Teaching and learning methods:

Lecture, presentations, discussions, tutorials, problem solving, self-learning, modeling and Laboratory Experiments

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: Dr. Hosam Mohamed Abd el Aziz
Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	
Inadequate	

List any inadequacies: Incomplete laboratory equipment, substituted by computer simulations

5- Administrative constraints (List any difficulties encountered)

Non

6- Student evaluation of the course:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		

(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(i) Non		

10- Action plan

Actions required	Completion date	Person responsible
5.		
6.		

Course coordinator: Dr. Hosam Mohamed Abd el Aziz
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 323 Architectural Design 4
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Sophomore -Level 3 - 5th Semester
4- Credit hours

Credit 3 hrs Lectures 1 hrs Tutorial 6 hrs Practical - hrs

5- Names of lecturers contributing to the delivery of the course: Dr. Asamer Zakariea

6- Course coordinator: Dr. Asamer Zakariea
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	277	100	**%**
2- No. of students completing the course:	**No.**	274	98.9	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	1	7	10	25	3	46
Spring	12	52	104	106	3	277
Summer	3	14	20	9	-	46
Sum	**16**	**73**	**134**	**140**	**6**	**369**
Percentage						100.0

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual Fall	Spr.	Sum.
1st project : School	1	6		7	7	7	7
Library project + site analysis	1	6		7	7	7	7
Design criteria of library buildings	1	6		7	7	7	7
Bubble diagram + zoning of elements	1	6		7	7	7	7
Site model	1	6		7	7	7	7
Masses – model - Concept development	1	6		7	7	7	7
Mid-Term Exam				7	7	7	7
Drawing master plan	1	6		7	7	7	7
Solving design – problems in plan	1	6		7	7	7	7
Final plans	1	6		7	7	7	7
Drawing main sections	1	6		7	7	7	7
Drawing elevations	1	6		7	7	7	7
Formation development in elevations	1	6		7	7	7	7
Drawing 3d perspectives or isometric	1	6		7	7	7	7
Final site design Final preservation of project + jury	1	6		7	7	7	7
Total hours	**14**	**84**	**0**	**105**	**105**	**105**	**105**

- 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
A5, A13,A14,A17,A18, A21	B3, B4, B13, B14	C3, C6, C17	D3,D7

2- Teaching and learning methods:

Lecture, presentations, discussions, tutorials, problem solving, self-learning, modeling and Laboratory Experiments

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

3- Student assessment:

Method of assessment	Points	%
Written examination	40	40
Oral examination	Non	0
Practical/laboratory work	Non	0
Other assignments/class work	50	50
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Dr. Asamer Zakariea
Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	
Inadequate	

List any inadequacies: Incomplete laboratory equipment, substituted by computer simulations

5- Administrative constraints (List any difficulties encountered)

Non

6- Student evaluation of the course:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(j) Non		

10- Action plan

Actions required	Completion date	Person responsible
7.		
8.		

Course coordinator: Dr. Asamer Zakariea
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 328 Visual Training(2)
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Sophomore -Level 3 - 5th Semester
4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr. Amira Mostafa
6- Course coordinator: Dr. Amira Mostafa
7- External evaluator: Non

B- Statistical Information

4-	**No. of students attending the course:**	**No.**	294	100 **%**
5-	**No. of students completing the course:**	**No.**	287	98.6 **%**

6- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall						
Spring	53	84	88	62	7	295
Summer	9	18	14	4	2	46
Sum						
Percentage						100.0

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
Introduction of color as phenomena, color symbol, properties, and psychology of color effect	2	3		5		5	5
Painting circle of (3)basic color (6 -12)	2	3		5		5	5
color theory of Ostwald and coloring techniques	2	3		5		5	5
color notation (Munsell theory) and coloring techniques	2	3		5		5	5
Color value and Grey scale	2	3		5		5	5
Intensity of color (chrome)	2	3		5		5	5
Mid-Term Exam				5		5	5
Cool & warm colors	2	3		5		5	5
Research presentation & Discussion	2	3		5		5	5
Combining & contrasting colors	2	3		5		5	5
Harmony & disharmony of colors	2	3		5		5	5
Introduction water colors naturally	2	3		5		5	5
Drawing architectural water colors project and manual presentation	2	3		5		5	5
water colors in presenting layout and plans	2	3		5		5	5

water colors in presenting elevations	2	3		5		5	5
Total hours	**28**	**42**	**0**	**75**		**75**	**75**

- 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:

A1, A19, A13	B13, B14, B16	C13, C14	D1, D2, D3, D6, D7

2- Teaching and learning methods:

Lecture, presentations, discussions, tutorials, problem solving, self-learning, modeling and Laboratory Experiments

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

3- Student assessment:

Method of assessment	Points	%
Written examination	40	40
Oral examination	Non	0
Practical/laboratory work	Non	0
Other assignments/class work	50	50
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Dr. Amira Mostafa
Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	
Inadequate	

List any inadequacies: Incomplete laboratory equipment, substituted by computer simulations

5- Administrative constraints (List any difficulties encountered)

Non

6- Student evaluation of the course:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments _____

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(k) Non		

10- Action plan

Actions required	Completion date	Person responsible
9.		
10.		

Course coordinator: Dr. Amira Mostafa
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 341 History of Architecture (2)
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Sophomore -Level 3 - 5th Semester
4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr. Reham Momtaz
6- Course coordinator: Dr. Reham Momtaz
7- External evaluator: Non

B- Statistical Information

7- No. of students attending the course:	**No.**	330	100 %
8- No. of students completing the course:	**No.**	274	83 %

9- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	1	1	1	49	45	105
Spring	10	59	86	119	56	330
Summer						
Sum	11	60	87	168	101	435
Percentage						100.0

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
General introduction for the course	2			2	2	2	
Christian age	2			2	2	2	
Christian age	2			2	2	2	
Coptic architecture	2			2	2	2	
Byzantine architecture	2			2	2	2	
Byzantine architecture	2			2	2	2	
Mid-Term Exam							
Romanesque architecture	2			2	2	2	
Gothic style in France	2			2	2	2	
Gothic style in Italy	2			2	2	2	
Gothic style in Europe	2			2	2	2	
Digital Presentation of the Final Researches: (Jury) : Staff's Criticism / Evaluation for each Student	2			2	2	2	
Digital Presentation of the Final Researches: (Jury) : Staff's Criticism / Evaluation for each Student	2			2	2	2	

General introduction for the course	2			2	2	2	
Christian age	2			2	2	2	
Total hours	**30**	**0**	**0**				

- 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:

A12,A19	B7,B13,B14,B20,B21	C12,C13.C18	D2,D3,D4,D5,D9

2- Teaching and learning methods:

Lecture, presentations, discussions, tutorials, problem solving, self-learning, modeling and Laboratory Experiments

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: Dr. Reham Momtaz
Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	
Inadequate	

List any inadequacies: Incomplete laboratory equipment, substituted by computer simulations

5- Administrative constraints (List any difficulties encountered)

Non

6- Student evaluation of the course:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(I) Non		

10- Action plan

Actions required	Completion date	Person responsible
11.		
12.		

Course coordinator: Dr. Reham Momtaz
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 310 Environment Control
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Sophomore -Level 3 - 5th Semester
4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr. Heba Mahrous
6- Course coordinator: Dr. Heba Mahrous
7- External evaluator: Non

B- Statistical Information

10- No. of students attending the course:	**No.**	311	100 **%**
11- No. of students completing the course:	**No.**	301	97 **%**

12- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall		2			1	3
Spring	108	82	80	31	10	311
Summer	11	15	18	9	--	52
Sum	**119**	**98**	**98**	**40**	**11**	**366**
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
Introduction –Environment and its physical aspects – climatic regions and levels of studying	2	1		3	3	3	3
Climatic Elements affecting design process	2	1		3	3	3	3
Solar Radiation and its properties	2	1		3	3	3	3
Design of sun breakers	2	1		3	3	3	3
Heat and thermal behavior of the building	2	1		3	3	3	3
wind and air movement	2	1		3	3	3	3
Mid-Term Exam		1		3	3	3	3
basics of natural ventilation Heat performance of the building	2	1		3	3	3	3
Elements of human comfort	2	1					
Components of day lighting Day lighting design tools	2	1		3	3	3	3
Research presentation & Discussion	2	1		3	3	3	3
Introduction –Environment and its physical aspects – climatic regions and levels of studying	2	1		3	3	3	3

Climatic Elements affecting design process	2	1		3	3	3	3
Solar Radiation and its properties	2	1		3	3	3	3
Design of sun breakers heat and thermal behavior of the building	2	1		3	3	3	3
Total hours	**28**	**14**	**0**	**42**	**42**	**42**	**42**

- 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:

A5, A8, A12,A24	B2, B3, B13, B15, B17	C1, C2, C11, C17, C19,C25	D1, D2,D3, D4,D5,D6, D7, D8

2- Teaching and learning methods:

Lecture, presentations, discussions, tutorials, problem solving, self-learning, modeling and Laboratory Experiments

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: Dr. Heba Mahrous
Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	
Inadequate	

List any inadequacies: Incomplete laboratory equipment, substituted by computer simulations

5- Administrative constraints (List any difficulties encountered)

Non

6- Student evaluation of the course:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	

Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(m) Non		

10- Action plan

Actions required	Completion date	Person responsible
13. Improve wi fi connection to improve the connection with students in lecture time		Academy
14. Asking head of table arrangement to increase the time of tutorial		Academy

Course coordinator: Dr. Heba Mahrous
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 315 Foundations
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Sophomore -Level 3 - 5th Semester
4- Credit hours

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

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: Non

B- Statistical Information

13- No. of students attending the course:	**No.**	335	100 **%**
14- No. of students completing the course:	**No.**	344	99.71 **%**

15- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall						
Spring	228	92	22	2	1	335
Summer	1		1			2
Sum	**229**	**92**	**23**	**2**	**1**	**337**
Percentage						100.0

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours
Introduction to Soil Mechanics	2		
Soil Exploration	2		
Soil classification	2		
Physical properties of soil	2		
Mechanical properties	2		
Active soil pressure	2		
Mid-Term Exam			
Bearing Capacity of the types of soil Compaction of soil	2		
Foundation introduction	2		
Design of isolated square footing	2		
Design of isolated rectangular footing	2		
Design of combined footing	2		
Design of raft foundation	2		
Deep foundation	2		
Deep foundation	2		
Total hours	**28**	**0**	**0**

- 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:

A3, A4 A5 A9, A15	B2, B5, B6, B22,	C2,C12, C13, C14	D6

2- Teaching and learning methods:

Lecture, presentations, discussions, tutorials, problem solving, self-learning, modeling and Laboratory Experiments

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. Adham Elalfy
Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	
Inadequate	

List any inadequacies: Incomplete laboratory equipment, substituted by computer simulations

5- Administrative constraints (List any difficulties encountered)

Non

6- Student evaluation of the course:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team

(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(n) Non		

10- Action plan

Actions required	Completion date	Person responsible
15.		
16.		

Course coordinator: Prof. Dr. Adham Elalfy
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 330 Construction Equipment
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Sophomore -Level 3 - 5th Semester
4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr. Hytham Mohamed
6- Course coordinator: Dr. Hytham Mohamed
7- External evaluator: Non

B- Statistical Information

16- No. of students attending the course:	**No.**	377	100 **%**
17- No. of students completing the course:	**No.**	375	99.4 **%**

18- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall						
Spring	294	50	22	9	2	377
Summer	4					4
Sum	**298**	50	22	9	2	**381**
Percentage						100.0

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
Introduction to construction Equipment	2			2		2	2
Construction equipment in site	2			2		2	2
Cost analysis(The productivity of the equipment)	2			2		2	2
Wrenches wood used in the construction work	2			2		2	2
Different techniques optimizing equipment for best production	2			2		2	2
Site Planning and preparation for a construction equipment (1).	2			2		2	2
Site Planning and preparation for a construction equipment (2).	2			2		2	2
Determining Equipment Costs	2			2		2	2
Time Schedule	2			2		2	2
Calculating Equipment Costs	2			2		2	2
Energy consumed in the construction of buildings	2			2		2	2
Elements of the energy consumption in the construction phase of the building	2			2		2	2

Factors affecting the energy consumption at the stage of construction of the building	2			2		2	2
Program for construction equipment.	2			2		2	2
Complete construction project	2			2		2	2
Total hours	**30**	**0**	**0**	**30**		**30**	**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:

A14 ,A15 ,A16,A24	B2,B3,B9,B20,B22,B23	C11.C12,C15,C23	D1,D3,D6,D7

2- Teaching and learning methods:

Lecture, presentations, discussions, tutorials, problem solving, self-learning, modeling and Laboratory Experiments

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: Dr. Hytham Mohamed
Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	
Inadequate	

List any inadequacies: Incomplete laboratory equipment, substituted by computer simulations

5- Administrative constraints (List any difficulties encountered)

Non

6- Student evaluation of the course:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	

Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(o) Non		

10- Action plan

Actions required	Completion date	Person responsible
17.		
18.		

Course coordinator: Dr. Hytham Mohamed
Signature:
Date: September 2019

Senior 1,
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 43*	Elective course of Applied Engineering
12	ARC 43*	Elective course of Applied Engineering
13	ARC 45*	Elective course of Basic Humanitarian
14	ARC 45*	Elective course of Basic Humanitarian

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 421 Architectural Design 5

2- Relevant program/s: Architecture Engineering and Building Technology

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

4- Credit hours

Credit 3 hrs Lectures 1 hrs Tutorial 6 hrs Practical - hrs

5- Names of lecturers contributing to the delivery of the course: Dr . Moatz Beallah

6- Course coordinator: Dr . Moatz Beallah

7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	352	100	%
2- No. of students completing the course:	**No.**	320	96.5	%

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	2	20	93	205	32	353
Spring	3	13	30	29	1	74
Summer						
Sum	5	33	123	234	33	427
Percentage						100

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
• Introduction to the design 1st project (A type of a project with a complex and multipurpose functions and spaces)	1	6		7	7	7	
• Research: relevant architectural data and similar projects either International or local projects.	1	6		7	7	7	
• Research: Data gathering, site analysis, climatic studies, zoning and analysis of similar projects	1	6		7	7	7	
• Sketch 1 (Schematic / conceptual design)	1	6		7	7	7	
• Sketch 2 (focuses on designing and formulating project plans)	1	6		7	7	7	

• Sketch 3 (Design development for plans) + Sketch 4 (focuses on designing and formulating project elevations)	1	6		7	7	7	
• Mid-Term Exam	1	6		7	7	7	
• Sketch 5 (focuses on preparing project sections)		6		7	7	7	
• Semi final sketch (Design Development for Layout, plans, elevations, sections and 3d models)	1	6		7	7	7	
• Final sketch (Presenting Layout, plans, elevations, sections and 3d models for approval). Presentation and rendering sessions		6		7	7	7	
• Final Submission and Project Discussion	1	6		7	7	7	
• Introduction to 2nd project(A type of a building of symbolic and structural implications)	1	6		7	7	7	
• Sketch 1 (Schematic / conceptual design)	1	6		7	7	7	
• Sketch 2 (Presenting proposed layout, plans, elevations, sections and 3d models) Final Submission and Project Discussion	1	6		7	7	7	
• Introduction to the design 1st 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		7	7	7	
Total hours	**15**	**90**		**105**	**105**	**105**	

- 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:

A4,A11,A13,A23	B3,B4,B13,B14,B16,B17,B19,B20	C4. C13. C15 . C17. C18 . C19 . C20 . C21	D1,D3,D6,D7

2- Teaching and learning methods:

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

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

3- Student assessment: _____

Method of assessment	Points	%
Written examination	40	40
Project	24	24
Practical/laboratory work	Non	0
Other assignments/class work	26	26
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Dr . Moatz Beallah
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:
Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(p) Non		

10- Action plan

Actions required	Completion date	Person responsible
13.		
14.		

Course coordinator: Dr . Moatz Beallah
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 423 Housing & City Planning 1

2- Relevant program/s: Architecture Engineering and Building Technology

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

4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr Mohamed Mostafa

6- Course coordinator: Dr . Mohamed Mostafa

7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	385	100	**%**
2- No. of students completing the course:	**No.**	375	97.4	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	5	70	175	125	10	385
Spring		1	8	27	4	40
Summer						
Sum	5	71	183	152	14	425
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
• Planning definition , elements & level	1	3		4	4	4	
• Thinking methodology	1	3		4	4	4	
• Thinking methodology	1	3		4	4	4	
• Site analysis studies	1	3		4	4	4	
• Site analysis studies (GIS Application)	1	3		4	4	4	
• Following up the project (GIS Application)	1	3		4	4	4	
• Mid-Term Exam	1	3		4	4	4	
• Following up the project (GIS Application)	1	3		4	4	4	
• Evaluating site analysis studies	1	3		4	4	4	

• Simian on neighbor hoods (Introducing neighbor hoods)	1	3		4	4	4	
• Following up the alternatives + Evaluation	1	3		4	4	4	
• Following up the alternatives + Evaluation	1	3		4	4	4	
• Evaluating alternatives	1	3		4	4	4	
• Semi final presentation (Following up the project)	1	3		4	0	0	
• Final Presentation	1	3		4	0	0	
Total hours	**15**	**30**		**60**	**50**	**50**	

- 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:

A11,A16,A17,A19	B10,B11	C6,C20	D2,D3,D5

2- Teaching and learning methods:

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

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

3- Student assessment:

Method of assessment	Points	%
Written examination	40	40
Project	20	20
Practical/laboratory work	Non	0
Other assignments/class work	30	30
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Dr . Mohamed 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)

Non

6- Student evaluation of the course:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(q) Non		

10- Action plan

Actions required	Completion date	Person responsible
15.		
16.		

Course coordinator: Dr . Mohamed Mostafa

Signature:

Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 425 Theories of Architecture and Arts (3)

2- Relevant program/s: Architecture Engineering and Building Technology BSc Program

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

4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr . Faten Salah

6- Course coordinator: Dr . Faten Salah

7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	410	100	**%**
2- No. of students completing the course:	**No.**	404	98.3	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	184	126	68	26	6	410
Spring	2	8	14	23	2	49
Summer						
Sum	186	134	82	29	8	459
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
• 1.General introduction for the course	2			2	2	2	
• 2.Architectural characteristics of Renaissance Era Analyzing projects of Architects.	2			2	2	2	
• 3.Architectural characteristics of Renaissance Era Analyzing projects of Architects.	2			2	2	2	
• 4.Architectural characteristics of BAROQUE, Analyzing projects of Architects	2			2	2	2	
• 5.Architectural characteristics of The Age of Enlightenment	2			2	2	2	

• 6.Social, technical and urban transformation in19th century The influences of the industrial revolution on art and architecture in 19th century	2			2	2	2	
• 7.Mid term exam	2			2	2	2	
• 8.Architectural trends and schools in 19thcentury	2			2	2	2	
• 9.Architectural trends and schools in 19thcentury	2			2	2	2	
• 10.Architectural trends and schools in 19thcentury	2			2	2	2	
• 11.The impact of new materials on architecture	2			2	2	2	
• 12.Architecture of steel and reinforced concrete in19th century	2			2	2	2	
• 13.Architecture of steel and reinforced concrete in19th century	2			2	2	2	
14.Digital Presentation of the Final Researches: • (Jury) : *Staff's Criticism / Evaluation for each Student*	2			2	2	2	
• **Final Revision**	2			2	2	2	
Total hours	**30**			**30**	**30**	**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:

A4 ,A13,A19,A21,A24	B3,B12 ,B14,B21	C13,C17,C18,C19	D3,D4,D5,D9

2- Teaching and learning methods:

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

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
Researches	20	20
Practical/laboratory work	Non	0
Other assignments/class work	Non	0
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Dr . Faten Salah

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:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(r) Non		

10- Action plan

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

17.		
18.		

Course coordinator: Dr . Faten Salah
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC410 Technical Installation in Buildings1
2- Relevant program/s: Architecture Engineering and Building Technology BSc Program
3- Year/Level of program: Senior 1,Level 4, 7th Semester
4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr. Sayed Abdel- Khaleaa
6- Course coordinator: Dr. Sayed Abdel- Khaleaa
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	413	100	**%**
2- No. of students completing the course:	**No.**	407	99.26	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	33	173	126	72	3	413
Spring						
Summer						
Sum	33	173	126	72	3	413
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
• Principles of light. Principles of heat.	1	3		4	4		
• Nature of light. Nature of heat.	1	3		4	4		
• Nature of vision. Thermal load on buildings.	1	3		4	4		
• Measurement of lighting. U – values.	1	3		4	4		
• Measurement of lighting. U – values.	1	3		4	4		
• Measurement of lighting. Thermal load upon building envelope.	1	3		4	4		
• Mid-Term Exam.	1	3		4	4		
• Artificial lighting. Luminaries. Thermal load upon building envelope.	1	3		4	4		
• Artificial Lighting costs. Heat gain \ loss in buildings.	1	3		4	4		

• Natural lighting. Heat gain \ loss in buildings.	1	3		4	4		
• Natural light sources. Heat gain \ loss in buildings.	1	3		4	4		
• Daylight factors. Thermal insulation.	1	3		4	4		
• Combined lighting. Thermal insulation.	1	3		4	4		
• Principles of light. Principles of heat.	1	3		4	4		
• Nature of light. Nature of heat.	1	3		4	4		
Total hours	**15**	**45**		**60**	**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
- Achieved program intended learning outcomes, ILO's:

A1, A4, A5,A6 ,A11,A12,A14 ,A24	B2, B3, B4,B5, B7,B11,B24	C1, C12,C15, C19,C22 ,C23,C25	D6

2- Teaching and learning methods:

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

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
Researches	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: Dr. Sayed Abdel- Khaleaa
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:

Questionnaire Results

Course	

Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(s) Non		

10- Action plan

Actions required	Completion date	Person responsible
19.		
20.		

Course coordinator: Dr. Sayed Abdel- Khaleaa
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC412 Working drawing and Construction Methods 1

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

3- Year/Level of program: Level 3

4- Credit hours

Credit: 3 hrs. **Lectures:** 2 hrs. **Tutorial:** 4 hrs. **Total** 6hrs

5- Names of lecturers contributing to the delivery of the course: Dr. Azza Gamal

6- Course coordinator: Dr. Azza Gamal , Dr. Shimaa Hassan

7- External evaluator: None

B- Statistical Information

19- No. of students attending the course:	**No.**	367	100	**%**
20- No. of students completing the course:	**No.**	353	96.1	**%**

21- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	36	80	110	127	14	367
Spring		1	15	25	6	47
Summer						
Sum	36	81	125	152	20	414
Percentage						

C- Professional Information

1 – Course Teaching Hours

Week	Topic	Lecture	Tutorial	Practical	Total	Actual		
						Fall	Spr.	Sum.
1	Introduction to Working Drawing and construction methods	2	4	0	6	6	6	
2	Concrete Structure Systems	2	4	0	6	6	6	

3	Floor plans working drawings (Ground Floor)	2	4	0	6	6	6	
4	Typical floor plans	2	4	0	6	6	6	
5	Basement plans	2	4	0	6	6	6	
6	Site plan (Layout)	2	4	0	6	6	6	
7	**Med Term Exam**	2	4	0	6	6	6	
8	Sections	2	4	0	6	6	6	
9	Elevations	2	4	0	6	6	6	
10	Concrete Stairs Plans	2	4	0	6	6	6	
11	Concrete Stairs Sections	2	4	0	6	6	6	
12	Project submission and discussion.	2	4	0	6	6	6	
13	Revision	2	4	0	6	0	0	
14		2	4	0	6	0	0	
15		2	4	0	6	0	0	
	Total hours	**30**	**28**	**0**	**58**	**72**	**72**	

- **Topics taught as a percentage of the content specified:**
  More than 95%
- **Reasons in detail for not teaching any topic:**
  This semester is only 13 weeks because of Covid-19
- **If any topics were taught which are not specified, give reasons in detail:**
  None
- **Achieved program intended learning outcomes, ILO's:**
  A1,A2,A3,A4,A5,A6,A7,A8,A9,A10,B1,B2,B3,B4,B5,C1,C2,C3,C4,C5,D1,D2,D3

2- Teaching and learning methods:

Lectures: Lecture, discussions, tutorials,

Class activity Exercises; discussions
Case Study: Selected Project
Other assignments/homework: -weekly assignments

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

3- Student Assessment Methods

Method of assessment	Points	%
Written examination	40	40
Quizzes	10	10
Practical/laboratory work	-	0
Project	20	20
Periodical Sketches	-	

Other assignments/class work	20	20
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Dr. Azza Gamal , Dr. Shimaa Hassan , Dr. Moataz Elbaz
Role of external evaluator: None

4- Facilities and teaching materials:

Totally adequate	
Adequate to some extent	Yes
Inadequate	

List any inadequacies:

5- Administrative constraints (List any difficulties encountered)

None

6- Student evaluation of the course:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

	List any criticisms	Response of course team
(a)	None	None

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	None	None

8- Written Exam Evaluation

The results of the course are normally distributed with mean at and with standard deviation . 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
Book Update	Oct. 2020	Done

10- Action plan

Actions required	Completion date	Person responsible

Course coordinator: Dr. Azza Gamal
Signature:
Date: 21/8/2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 422 Architectural Design 6
2- Relevant program/s: Architecture Engineering and Building Technology BSc Program
3- Year/Level of program: Senior 1,Level 4, 7th Semester
4- Credit hours

Credit 3 hrs Lectures 1 hrs Tutorial 6 hrs Practical - hrs

5- Names of lecturers contributing to the delivery of the course: Dr. Emad Ibrahim
6- Course coordinator: Dr. Emad Ibrahim
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	295	100	**%**
2- No. of students completing the course:	**No.**	289	97.96	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	14	59	124	93	6	295
Spring						
Summer	3	23	26	10	-	63
Sum	17	82	150	103	6	358
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
• Introduction to 3rd project (A Multi-story Residential and commercial Building)	1	6		7	7		7
• Research: relevant architectural data and similar projects either International or local projects.	1	6		7	7		7
• Sketch 1 (Schematic / conceptual design)	1	6		7	7		7
• Sketch 2 (focuses on designing and formulating project plans)	1	6		7	7		7
• Sketch 3 (Design development for plans)	1	6		7	7		7
• Sketch 4 (focuses on designing and formulating project elevations and main sections)	1	6		7	7		7

• Mid-Term Exam							
• Sketch 5 - Semi final sketch (Design Development for Layout, plans, elevations, sections and 3d models)	1	6		7	7		7
• Sketch 6 - Final sketch (Presenting Layout, plans, elevations, sections and 3d models for approval). Presentation and rendering sessions	1	6		7	7		7
• Final Submission and Project Discussion	1	6		7	7		7
• Introduction to 4th project (A type of a project with both function and structural implications)	1	6		7	7		7
• Research: Data gathering, site analysis, climatic studies, zoning and analysis of similar projects	1	6		7	7		7
• Sketch 1 (Schematic / conceptual design)	1	6		7	7		7
• Sketch 2 (Design development for plans)	1	6		7	7		7
• Sketch 3 (Presenting proposed layout, plans, elevations, sections and 3d models)	1	6		7	7		7
Total hours	**30**	**90**		**105**	**105**		**105**

- 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:

A4,A11,A13,A14,A17,A23	B3,B4,B13,B14,B16,B17,B19,B20	C4,C13,C15,C17,C18,C19,C20,C21	D1,D3,D6,D7

2- Teaching and learning methods:

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

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

3- Student assessment:

Method of assessment	Points	%
Written examination	40	40
Project	20	20
Practical/laboratory work	Non	0
Other assignments/class work	30	30
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Dr. Emad Ibrahim
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:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(t) Non		

10- Action plan

Actions required	Completion date	Person responsible
21.		
22.		

Course coordinator: Dr. Emad Ibrahim
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 424 Housing & City Planning 2
2- Relevant program/s: Architecture Engineering and Building Technology BSc Program
3- Year/Level of program: Senior 1, Level 4, 7th Semester
4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr. Mohamed Mostafa – Dr. Shahinaz El Tayaa
6- Course coordinator: Dr. Mohamed Mostafa – Dr. Shahinaz El Tayaa
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	348	100 %
2- No. of students completing the course:	**No.**	340	99 %

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall						
Spring	11	56	153	120	8	348
Summer	--	3	10	14	2	29
Sum	11	59	163	134	10	377
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
• Planning elements & introducing the project	1	3		4		4	4
• Site analysis studies (Revision on GIS)	1	3		4		4	4
• Site analysis studies	1	3		4		4	4
• Site analysis studies (following up the project)	1	3		4		4	4
• Following up the site analysis studies & evaluation	1	3		4		4	4
• Following up the site analysis studies & evaluation	1	3		4		4	4
• Mid-Term Exam	1	3		4		4	4
• Evaluating the site analysis studies	1	3		4		4	4

• Solving strategies (following up the alternatives)	1	3		4		4	4
• Solving strategies (following up the alternatives)	1	3		4		4	4
• Solving strategies (following up the alternatives)	1	3		4		4	4
• Evaluating alternatives	1	3		4		4	4
• Evaluating alternatives	1	3		4		4	4
• Semi-final presentation (following up the project)	1	3		4		0	0
• Final presentation	1	3		4		0	0
Total hours	**15**	**45**		**60**		**50**	**50**

- 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:

A16,A17,A19, A22	B10,B11,B12,B13	C5,C6,C21	D2,D3,D5

2- Teaching and learning methods:

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

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

3- Student assessment:

Method of assessment	Points	%
Written examination	40	40
Project	30	30
Practical/laboratory work	Non	0
Other assignments/class work	20	20
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Dr. Mohamed Mostafa – Dr. Shahinaz El Tayaa

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:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(u) Non		

10- Action plan

Actions required	Completion date	Person responsible
23.		
24.		

Course coordinator: Dr. Mohamed Mostafa – Dr. Shahinaz El Tayaa
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 440 History of Architecture and Arts (3)
2- Relevant program/s: Architecture Engineering and Building Technology BSc Program
3- Year/Level of program: Senior 1,Level 4, 8th Semester
4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr. Mona El.Basyoni
6- Course coordinator: Dr. Mona El.Basyoni -Dr . Faten Salah
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	374	100 %
2- No. of students completing the course:	**No.**	364	97.8 %

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall						
Spring	79	125	92	68	10	374
Summer	25	10	5	1	-	41
Sum	104	135	97	69	10	415
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
• Urban traditions in the Islamic world.	2			2		2	2
• Caliph. Periods.	2			2		2	2
• Tulane's period.	2			2		2	2
• Building concepts in Islamic Arch.	2			2		2	2
• Fatimid caiphs' period.	2			2		2	2
• Fatimid caiphs' period. (Site Visit) / Ayyubids period.	2			2		2	2
• Mid-Term Exam	2			2		2	2
• Home in Islamic Arch.	2			2		2	2
• Mamluks (Bahri and Circassian) period.	2			2		2	2
• Mamluks (Bahri and Circassian) period.	2			2		2	2
• Mamluks (Bahri and Circassian) period.(Site Visit)	2			2		2	2
• Ottoman (Turks) period.	2			2		2	2

• Napolic Invasion (Mohamed Ali) period.	2			2		2	2
• Research	2			2		2	2
• Individual presentation.	2			2		2	2
Total hours	**30**			**30**		**30**	**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:

A18,A 19	B4,B13,B 20,B21	C 20, C 21,C22	D1,D3,D 4, D8

2- Teaching and learning methods:

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

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
Researches	20	20
Practical/laboratory work	Non	0
Other assignments/class work	Non	0
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Dr. Mona El.Basyoni -Dr . Faten Salah

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:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(v) Non		

Actions required	**Completion date**	**Person responsible**
25.		
26.		

Course coordinator: Dr. Mona El.Basyoni
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC411 Technical Installation in Buildings 2
2- Relevant program/s: Architecture Engineering and Building Technology BSc Program
3- Year/Level of program: Senior 1,Level 4, 8th Semester
4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr. Sayed Abdel- Khaleaa
6- Course coordinator: Dr. Sayed Abdel- Khaleaa
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	397	100	**%**
2- No. of students completing the course:	**No.**	386	97.12	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall						
Spring	22	75	151	138	12	397
Summer						
Sum	22	75	151	138	12	397
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
• Principles of sound. Principles of sanitary installations.	1	3		4		4	
• Nature of sound. Sanitary installation in buildings.	1	3		4		4	
• Sound levels. Sources of water. Water treatment.	1	3		4		4	
• Attenuation of sound. Water supply in buildings.	1	3		4		4	
• Nature of hearing. Water supply in buildings.	1	3		4		4	
• Measurement of sound. Drainage systems.	1	3		4		4	
• Mid-Term Exam.	1	3		4		4	
• Noise control. Waste water treatment.	1	3		4		4	

• Noise trnsfer. Under ground water tanks.	1	3		4		4	
• Artifsound insulation. Fire fighting in buildings.	1	3		4		4	
• Acoustic principles. Electricity installation in buildings.	1	3		4		4	
• Reflection of sound. Fire alarm in buildings.	1	3		4		4	
• Absorption of sound. Air control in buildings.	1	3		4		4	
• Reverberation of sound. HVAC systems.	1	3		4		4	
• Principles of sound. Principles of sanitary installations. Nature of sound. Sanitary installation in buildings.	1	3		4		4	
Total hours	**15**	**45**		**60**		**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
- Achieved program intended learning outcomes, ILO's:

A1, A4, A5, A6 ,A11 ,A12 ,A14 ,A24	B2, B3, B4,B5,B7,B11, B24	C1 , C12, C15,C19,C22,C23,,C25	D6

2- Teaching and learning methods:

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

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
Researches	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: Dr. Sayed Abdel- Khaleaa

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:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(w) Non		

10- Action plan

Actions required	Completion date	Person responsible
1.		
2.		

Course coordinator: Dr. Sayed Abdel- Khaleaa
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC413 Working drawing and Construction Methods 2

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

3- Year/Level of program: Level 3

4- Credit hours

Credit: 3 hrs. **Lectures:** 2 hrs. **Tutorial:** 4 hrs. **Total** 6hrs

5- Names of lecturers contributing to the delivery of the course: Dr. Azza Gamal Haggag

6- Course coordinator: Dr. Azza Gamal , Dr. Shimaa Hassan

7- External evaluator: None

B- Statistical Information

34- No. of students attending the course: (according to Fall &spring semesters)	**No.**	316	100	**%**
35- No. of students completing the course: (according to Fall &spring semesters)	**No.**	314	99.7	**%**

36- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall						
Spring	51	97	115	51	2	316
Summer	-	6	17	28	0	51
Sum	51	103	132	79	2	367
Percentage						100.0

C- Professional Information

1 – Course Teaching Hours

Week	Topic	Lecture	Tutorial	Practical	Total	Actual		
						Fall	Spr.	Sum.
1	Introduction to the course and preparing previous	2	4		6		6	6

	projects to include updated details of the course							
2	Roof Gardens	2	4		6		6	6
3	False ceiling & partitions	2	4		6		6	6
4	Wet area plans and section elevations	2	4		6		6	6
5	Wet area sanitary and water supply work	2	4		6		6	6
6	Introduction to shop drawings – semi project	2	4		6		6	6
7	M.T. Exam	2	4		6		6	6
8	Raised Floors	2	4		6		6	6
9	Wall cladding materials	2	4		6		6	6
10	Curtain walls	2	4		6		6	6
11	Steel stairs	2	4		6		6	6
12	Research presentation	2	4		6		0	0
13	Revision	2	4		6		6	6
14	Project final submission (on line)	2	4		6		0	0
15	Mega quiz (on line)	2	4		6		0	0
	Total hours	30	60		90		72	72

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

  More than 85%

- **Reasons in detail for not teaching any topic:**

  At the first semester, students were very weak in comprehension, which caused many topics to be repeated, The second semester was only 13 weeks because of Covid-19

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

  None

- **Achieved program intended learning outcomes, ILO's:**

A4, A8,A13, A14, A15, A21,A24, B3, B4, B17 ,B22,B24,B25, C4, C10, C14, C15,C18,C23, D2, D3, D6, D7

2- Teaching and learning methods:

Lectures: Lecture, discussions, tutorials,
Class activity Exercises; discussions
Case Study: Selected Project
Other assignments/homework: weekly assignments

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

3- Student Assessment Methods

Method of assessment	Points	%
Written examination	40	40

Quizzes	10	10
Practical/laboratory work	-	0
Project	20	20
Periodical Sketches	-	
Other assignments/class work	20	20
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Dr. Azza Gamal , Dr. Shimaa Hassan , Dr. Moataz Elbaz
Role of external evaluator: None

4- Facilities and teaching materials:

Totally adequate	
Adequate to some extent	Yes
Inadequate	
List any inadequacies	- Weak Internet connections - Uncomfortable online lectures halls

5- Administrative constraints (List any difficulties encountered)
None

6- Student evaluation of the course:

Questionnaire Results

Course	Adequate according to time schedule
Lecturer	Helpful
Assistant	Some are supportive and helpful, while others are strict regarding grades
Book	No Need
Assessment	Adequate and fair - in the interest of the student
Laboratory	----------

	List any criticisms	Response of course team
(a)	Sometimes the number of term weeks is reduced, which does not allow enough revisions for the year's work grades before final exams	None - out of control

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	None	None

8- Written Exam Evaluation

The exam level is particularly convenient according the percentage of success. Low success percentage in question 2 may be attribute to problem of the majority of students thinking about details and fine sketches. 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
Book	Not completed because- applicable to previous experience in the ARC 412 course - students rely on online recorded lectures and pdf. handouts only	Cancelled

10- Action plan

Actions required	Completion date	Person responsible
Introducing some new topics in the scientific content, such as interactive interfaces and smart architecture	Oct. 2019	Dr.Azza Gamal

Course coordinator: Dr. Azza Gamal
Signature:
Date: 21/9/2019

Annual Course Report
Academic year 2018-2019
(Applied Engineering and Design Elective Course)

A- Basic Information

1- Course Code & Title: ARC 430 Housing in Developing Countries-B
2- Relevant program/s: Architecture Engineering and Building Technology BSc Program
3- Year/Level of program: Senior 1,Level 4, 7th Semester
4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr. Mohamed Mostafa , Dr.Rasha Shaban

6- Course coordinator: Dr. Mohamed Mostafa , Dr.Rasha Shaban
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	40	100	**%**
2- No. of students completing the course:	**No.**	32	86.9	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall		2	6	24	8	40
Spring						
Summer						
Sum		2	6	24	8	40
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
• User's participation US. Policy of centralization	2			2	2		
• John Turners US rod burgess	2			2	2		
• Users participation in dueling	2			2	2		
• Cases of users participation outside Egypt	2			2	2		
• Main elements in dwelling process	2			2	2		
• Turner's Concepts and his main issues	2			2	2		
• Mid-Term Exam	2			2	2		
• Recent dwelling approach in Egypt	2			2	2		
• Recent dwelling approach in Egypt	2			2	2		

• Quantitative proprieties of dwelling sectors	2			2	2		
• Quantitative proprieties of dwelling sectors	2			2	2		
• Quantitative proprieties of dwelling sectors	2			2	2		
• Quantitative proprieties of dwelling sectors	2			2	2		
• Dwelling Levels	2			2	2		
• Dwelling Levels	2			2	2		
Total hours	**30**			**30**	**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:

A9,A16,A22,A24	B2,B4,B12	C15,C16	D2,D6,D8,D9

2- Teaching and learning methods:

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

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
Researches	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: Mohamed Mostafa , Dr.Rasha Shaban
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:

Questionnaire Results

Course	

Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(x) Non		

10- Action plan

Actions required	Completion date	Person responsible
3.		
4.		

Course coordinator: Dr. Mohamed Mostafa , Dr.Rasha Shaban
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019
(Humanitarian Elective Courses)

A- Basic Information

1- Course Code & Title: ARC 432 Design, Environmental planning and power
2- Relevant program/s: Architecture Engineering and Building Technology BSc Program
3- Year/Level of program: Senior 1,Level 4,
4- Credit hours

Credit 2 hrs Lectures 2 hrs Tutorial hrs Practical - hrs

5- Names of lecturers contributing to the delivery of the course: Dr. Dr. Sherif Elsaid
6- Course coordinator: Dr. Dr. Sherif Elsaid

7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	375	100	**%**
2- No. of students completing the course:	**No.**	333	88.8	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	48	61	93	131	33	375
Spring						
Summer						
Sum	48	61	93	131	33	375
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
• Environmental fields and its level	2			2	2		
• Environmental fields and its level	2			2	2		
• climatic zone in Egypt Integrated Environmental design	2			2	2		
• climatic zone in Egypt Integrated Environmental design	2			2	2		
• definition of saving Energy comfort degrees and human needs	2			2	2		
• definition of saving Energy comfort degrees and human needs	2			2	2		
• Mid-Term Exam	2			2	2		

• Ecological system saving from natural condition: sand movement – Beaches/ Ecological system saving from natural condition: sand movement – Beaches	2			2	2		
• Floods – facing Air earth pollution	2			2	2		
• Environmental effects, forms and site Design	2			2	2		
• Daylight needs – Aerodynamics Architecture	2			2	2		
• ventilation Design and protection from wind	2			2	2		
• renewed energy – solar energy and its efficiency	2			2	2		
• renewed energy – solar energy and its efficiency.	2			2	2		
• Revision	2			2	2		
Total hours	**30**			**30**	**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:

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

2- Teaching and learning methods:

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

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
Researches	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: Dr. Dr. Sherif Elsaid
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:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(y) Non		

10- Action plan

Actions required	Completion date	Person responsible
1.		
2.		

Course coordinator: Dr. Dr. Sherif Elsaid

Signature:

Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 434 Modular Coordination
2- Relevant program/s: Architecture Engineering and Building Technology BSc Program
3- Year/Level of program: Senior 1,Level 4,
4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr. Mohamed Karim
6- Course coordinator: Dr. Mohamed Karim
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	294	100	**%**
2- No. of students completing the course:	**No.**	291	98.8	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	187	72	19	13	3	294
Spring	9	13	15	18	2	57
Summer						
Sum	196	85	34	31	5	351
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
• Meaning & purpose of modular coordination – An Introductionn	2			2	2	2	
• Measuring units & Measurement	2			2	2	2	
• modular coordination& Modules	2			2	2	2	
• Modules Types & its applications	2			2	2	2	
• Le Corbosier Module	2			2	2	2	
• Modular coordination & mass production	2			2	2	2	
• Mid-Term Exam	2			2	2	2	
• Application on Standardization process	2			2	2	2	
• Construction by Precast concrete units	2			2	2	2	
• Steel Construction	2			2	2	2	
• Timber Construction	2			2	2	2	

• Organization for Standardization & Quality control	2			2	2	2	
• ISO Standards	2			2	2	2	
• ISO Standards	2			2	2	2	
• Research Presentations	2			2	2	2	
Total hours	**30**			**30**	**30**	**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:

A1,A6,A8	B1,B2,B9	C1,C5,C10	D6

2- Teaching and learning methods:

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

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
Researches	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: Dr. Mohamed Karim
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:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(z) Non		

10- Action plan

Actions required	Completion date	Person responsible
3.		
4.		

Course coordinator: Dr. Mohamed Karim
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019
(Humanitarian Elective Courses)

A- Basic Information

1- Course Code & Title: ARC 450 Project Management
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Level 4
4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr. Amira Abd ElAziz
6- Course coordinator: Dr. Amira Abd ElAziz
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	373	100	%
2- No. of students completing the course:	**No.**	353	94.5	%

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	147	78	79	49	20	373
Spring						
Summer						
Sum	147	78	79	49	20	373
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
• Project management history and definitions	2			2	2		
• Project management Knowledge Area 1	2			2	2		
• Project management Knowledge Area 2	2			2	2		
• Quiz 1	2			2	2		
• Construction Project Planning	2			2	2		
• Cost & resources management	2			2	2		
• Mid term	2			2	2		

• Project Planning Techniques 1	2			2	2		
• Project Planning Techniques 2	2			2	2		
• Project Planning Techniques 3	2			2	2		
• Resources leveling and crashing	2			2	2		
• Microsoft project introduction	2			2	2		
• Microsoft project Practice	2			2	0		
• Project Discussion	2			2	0		
• Quiz 2 and open discussion	2			2	2		
Total hours	**30**				**26**		

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: 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
A3, A6, A25	B3, B17	C2, C3	D6, D9

2- Teaching and learning methods:

Classical lecturing using the white board and data show, General criticism & presentations in addition to Online lectures using the Academy's platform and licensed softwares

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
Researches	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: Dr. Amira Abd ElAziz
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:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)	The course book is not useful	A new book prepared considering the new content

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(aa) Non		

10- Action plan

Actions required	Completion date	Person responsible
5. Preparing a new course book	To be determined in agreement with the architecture engineering and building Technology Dpt.	Dr. Moutaz Elbaz

Course coordinator: Dr. Mou Amira Abd ElAziz
Signature:
Date: August 2019

Annual Course Report
Academic year 2018-2019
(Humanitarian Elective Courses)

A- Basic Information

1- Course Code & Title: ARC 451 Architecture , Civilization and Heritage
2- Relevant program/s: Architecture Engineering and Building Technology BSc Program
3- Year/Level of program: Senior 1,Level 4
4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr. Nahed Omran
6- Course coordinator: Dr. Nahed Omran
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	115	100	**%**
2- No. of students completing the course:	**No.**	1	99.5	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	51	36	18	9	1	115
Spring						
Summer						
Sum	51	36	18	9	1	115
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
• Culture and Architecture. (General definitions, terms, and characteristics of culture and Architecture)	2			2	2		
• Heritage and Architecture (Definitions, Classification of Heritage, World Heritage sites)	2			2	2		
• Paradigms and the three world views (Organismic, Mechnismic and Systemic world views and its relation to Architecture)	2			2	2		
• The Interrelation between culture and Architecture (General theories, concepts and examples)	2			2	2		

• Architecture as cultural expression - Features and characteristics (A detailed discussion of the multi-components of culture and its impacts on the architectural patterns)	2			2	2		
1. 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			2	2		
• Mid-Term Exam	2			2	2		
• The role of participation and community involvement in Architectural and Urban Design (Local Case studies)	2			2	2		
• A brief discussion of the Anthropology as a tool of understanding local and indigenous cultures and its application to Architecture	2			2	2		
• Regionalism of architecture and architectural expression	2			2	2		
• Architectural and Urban Heritage (A review of Values)	2			2	2		
• Urban and Architectural Conservation (A review of interventions)	2			2	2		
• Local and international case studies of urban and Architectural projects corresponding to the cultural dimension of the societies.	2			2	2		
• Site Visit	2			2	2		
• Research project presentation and discussion	2			2	2		
Total hours	**30**			**30**	**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:

A5, A9, A11, A17	B18,B19, B21	C19, C21,C22	D3, D6, D9

2- Teaching and learning methods:

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

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
Researches	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: Dr. Nahed Omran
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:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)	They need site visit to some historical building	we can arrange after Covid-19
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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		

10- Action plan

Actions required	Completion date	Person responsible
1. site visit to some historical building	بعد فترة الكرونا	أستاذ المادة
2.		

Course coordinator: Dr. Nahed Omran
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019
(Humanitarian Elective Courses)

A- Basic Information

1- Course Code & Title: ARC 452 ADVANCED STUDIES IN INTERIOR DESIGN
2- Relevant program/s: Architecture Engineering and Building Technology BSc Program
3- Year/Level of program: Senior 1,Level 4
4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr. Marwa Basyony
6- Course coordinator: Dr. Marwa Basyony
7- External evaluator: Non

B- Statistical Information

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

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	0.0	0.0	0.0	0.0	0.0	0.0
Spring	0.0	0.0	0.0	0.0	0.0	0.0
Summer	0.0	0.0	0.0	0.0	0.0	0.0
Sum	0.0	0.0	0.0	0.0	0.0	0.0
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual Fall	Spr.	Sum.
• Introduction	2			2			
• Interior Design process	2			2			
• Elements of Interior Design	2			2			
• Principles of Interior Design	2			2			
• Colors in Interiors (Research)	2			2			
• Introduction to Finishing's	2			2			
• Mid term Exam	2			2			
• Flooring Finishings	2			2			
• Walls & Ceiling finishes	2			2			
• Finishing materials & (Project Introduction)	2			2			
• Styles of Furniture	2			2			

• Furniture Accessories (1) & (Proj. Study)	2			2			
• Furniture Accessories (2)	2			2			
• Furniture Accessories (3) & (Proj. Semifinal)	2			2			
• Project Final.	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: Non
- If any topics were taught which are not specified, give reasons in detail: Non
- Achieved program intended learning outcomes, ILO's:

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

2- Teaching and learning methods:

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

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
Researches	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: Dr. Marwa Basyony
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:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	

Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(bb) Non		

10- Action plan

Actions required	Completion date	Person responsible
3.		
4.		

Course coordinator: Dr. Marwa Basyony
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019
(Humanitarian Elective Courses)

A- Basic Information

1- Course Code & Title: ARC 431 Urban Renewal
2- Relevant program/s: Architecture Engineering and Building Technology BSc Program
3- Year/Level of program: Senior 1,Level 4
4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr.
6- Course coordinator: Dr.
7- External evaluator: Non

B- Statistical Information

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

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall						
Spring						
Summer						
Sum						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
• General introduction on renovation	2			2			
• Ismailia projects	2			2			
• Ismailia projects	2			2			
• Projects analysis	2			2			
• Helwan project	2			2			
• Projects analysis	2			2			
• Mid-Term Exam	2			2			
• Asyout projects	2			2			
• syout projects	2			2			
• Projects analysis	2			2			
• Researches	2			2			
• Researches	2			2			
• Difference between projects	2			2			
• General introduction on renovation	2			2			

• Ismailia projects	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: Non
- If any topics were taught which are not specified, give reasons in detail: Non
- Achieved program intended learning outcomes, ILO's:

A7,A16	B10,B11,B20	C1,C8	D6,D7

2- Teaching and learning methods:

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

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
Researches	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: Dr.

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:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(cc) Non		

10- Action plan

Actions required	Completion date	Person responsible
5.		
6.		

Course coordinator: Dr.
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019
(Humanitarian Elective Courses)

A- Basic Information

1- Course Code & Title: ARC 435 Building Economy
2- Relevant program/s: Architecture Engineering and Building Technology BSc Program
3- Year/Level of program: Senior 1,Level 4
4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr.
6- Course coordinator: Dr.
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**		100 %
2- No. of students completing the course:	**No.**		100 %

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall						
Spring						
Summer						
Sum						
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
• Introduction to Construction Economy	2			2	2		
• Economic principles	2			2	2		
• Economic Idologies about building technology	2			2	2		
• Properties of the construction sector	2			2	2		
• Demand in building sector	2			2	2		
• Supply in building sector	2			2	2		
• Mid-Term Exam	2			2	2		
• Related industries to construction technology	2			2	2		
• Resources	2			2	2		
• Construction Costs	2			2	2		

• Housing funds	2			2	2		
• Housing Planning	2			2	2		
• Feasibility studies	2			2	2		
• Depreciation	2			2	2		
• SWOT analysis in construction sector	2			2	2		
• Applications	2			2	2		
Total hours	**30**			**30**	**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:

A2,A5. A6, A14,A15	B2, B9, B16, B22	C2, C15,	D3, D8

2- Teaching and learning methods:

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

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
Researches	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: Dr.

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:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	

Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(dd) Non		

10- Action plan

Actions required	Completion date	Person responsible
7.		
8.		

Course coordinator: Dr.
Signature:
Date: September 2019

Senior 2
Fourth year Architecture
Level 5

S	Course	
	Code	**Title**
1	ARC 521	Architectural Design 7
2	ARC 522	City Planning
3	ARC 540	History and theories of Architecture (4)
4	ARC 511	Working Drawing & Construction Documents
5	ARC 513	Quantities Computing & Contracting Methods
6	ARC 512	Building Regulations & Professional Practice
7	ARC 560	Project
8	ARC 523	Urban Design
9	ARC 53*	Elective course of Applied Engineering
10	ARC 53*	Elective course of Applied Engineering
11	ARC 53*	Elective course of Applied Engineering
12	ARC 53*	Elective course of Applied Engineering
13	ARC 55*	Humanitarian Subjects (Elective Courses)
13	ARC 55*	Humanitarian Subjects (Elective Courses)

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Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 521 Architectural Design 7

2- Relevant program/s: Architecture Engineering and Building Technology

3- Year/Level of program: Level 5

4- Credit hours

Credit 3 hrs Lectures 1 hrs Tutorial 6 hrs Practical - hrs

5- Names of lecturers contributing to the delivery of the course: Prof. Dr. Reham Momtaz, Dr. Mohammed Thabat

6- Course coordinator: Prof. Dr. Reham Momtaz, Dr. Mohammed Thabat

7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	358	100	%
2- No. of students completing the course:	**No.**	355	99.7	%

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	64	100	115	76	3	358
Spring	5	9	10	6	1	31
Summer						
Sum	69	109	125	82	4	389
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
Introduction : Multi purpose hall project	1	6		7	7	7	
Site analysis and research	1	6		7	7	7	
Final research submission	1	6		7	7	7	
Layout proposal Design concept	1	6		7	7	7	
Master plan (zoning – organization)	1	6		7	7	7	
Floor plans For volition	1	6		7	7	7	
Mid-Term Exam	1	6		7	7	7	
Level Study (sections) Floor plans design development		6		7	7	7	
Elevations design Floor plans (final)	1	6		7	7	7	
3D Perspective or isometric / mass study		6		7	7	7	
interiors - details and presentation	1	6		7	7	7	

sections & Elevations	1	6		7	7	7	
Development and final Plans sections & Elevations	1	6		7	7	7	
Sections- Elevations Final sketch submission	1	6		7	7	7	
3D Models Final project submission	1	6		7	7	7	
Total hours	**15**	**90**		**105**	**105**	**105**	

- 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:

A13, A14,A20,A21	B4, B14, B16, B20,B21	C4, C13, C18, C19,C22	D2, D3, D7, D9

2- Teaching and learning methods:

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

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

3- Student assessment:

Method of assessment	Points	%
Written examination	40	40
Project	24	24
Practical/laboratory work	Non	0
Other assignments/class work	26	26
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Prof. Dr. Reham Momtaz
Dr. Mohammed Thabat

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:

Questionnaire Results

Course	

Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(ee) Non		

10- Action plan

Actions required	Completion date	Person responsible
Four projects have to be identified through a clear program and given design determinants	1st & 8th week of the 1st and 2nd semester subsequently	Course coordinator
A clear arrangement of student groups has to be identified and declared to all the students from the beginning. Each group is likely to have a different design determinants and problem than the	1st week of the semester	Senior teaching assistant

other, and will be directed by one of the teaching assistants. Arranging a year exhibition for students work in order to induce a self learning process and competition among the students 1.	10th week of the 2nd semester -	Teaching assistants -
2. A clear arrangement of student groups has to be identified and declared to all the students from the beginning. Each group is likely to have a different design determinants and problem than the other, and will be directed by one of the teaching assistants.	1st week of the semester	Senior teaching assistant
3. Arranging a year exhibition for students work in order to induce a self learning process and competition among the students	10th week of the 2nd semester -	Teaching assistants

Course coordinator: Prof. Dr. Reham Momtaz Dr. Mohammed Thabat

Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 522 City Planning
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Senior 2 ,Level 5 , 9th semester
4- Credit hours

Credit 3 hrs Lectures 1 hrs Tutorial 4 hrs Practical - hrs

5- Names of lecturers contributing to the delivery of the course: Dr . Rasha Shaban
6- Course coordinator: Dr . Rasha Shaban
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	380	100	%
2- No. of students completing the course:	**No.**	376	99.5	%

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	13	25	97	140	4	376
Spring	1	4	6	13	4	28
Summer	5	23	17	3	-	48
Sum	17	52	119	156	4	452
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
• Planning regions in Egypt	1	5		6	4	4	4
• Planning regions in Egypt	1	5		6	4	4	4
• Planning regions in Egypt	1	5		6	4	4	4
• Historians and development approaches	1	5		6	4	4	4
• Historians and development approaches	1	5		6	4	4	4
• Natural resources in Egypt	1	5		6	4	4	4
• Mid-Term Exam	1	5		6	4	4	4
• Sustainable development	1	5		6	4	4	4
• Sustainable development	1	5		6	4	4	4
• Getting maps for menout city	1	5		6	4	4	4

• Getting maps for menout city	1	5		6	4	4	4
• Getting maps for menout city	1	5		6	4	4	4
• Getting maps for menout city	1	5		6	4	4	4
• Report about el sadat city	1	5		6	0	0	0
• Report about el sadat city	1	5		6	0	0	0
• Planning regions in Egypt	1	5					
Total hours	**15**	**75**		**90**	**50**	**50**	**50**

- 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:

A11, A16, A17, A19	B10, B11,B14, B19	C6, C20	D1,D2, D3, D5

2- Teaching and learning methods:

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

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

3- Student assessment:

Method of assessment	Points	%
Written examination	40	40
Project	Non	-
Practical/laboratory work	30	30
Other assignments/class work	20	20
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Dr . Rasha Shaban
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:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	

Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(ff) Non		

10- Action plan

Actions required	**Completion date**	**Person responsible**
4.		
5.		

Course coordinator: Dr . Rasha Shaban
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: (ARC 540) History & Theory of Architecture (4)
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Level 5
4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr Reham Momtaz.
6- Course coordinator: Dr Reham Momtaz.
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	201	100	**%**
2- No. of students completing the course:	**No.**	197	88.57	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	33	44	33	13	1	123
Spring	78	61	45	13	4	201
Summer	2	3			2	7
Sum	113	108	78	26	7	331
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
General introduction for the course	2			2	2	2	2
Mechanical analogy :Futurism- De stijl- Constructivism –Expressionism	2			2	2	2	2
Architecture of Modernism Analyzing characteristics of: International Style / SIAM Group /Organic Architecture / Functions	2			2	2	2	2
Analyzing landmark projects of the Pioneer: Frank Lloyd Write / Le Corbusier, Analyzing landmark projects of the Pioneers Mies van der Rohe / Walter Gropius	2			2	2	2	2
Architecture of Late Modernism Analyzing characteristics of:Expressionism / Brutalism	2			2	2	2	2

Analyzing projects of American Architects: Paul Rudolph / Lois Khan / Alvar Alto Continue- Architecture of Late Modernism:	2			2	2	2	2
Mid -term 2	2			2	2	2	2
Metabolism / Archigram Analyzing projects of the Japanese Architects:KenzoTange / KishoKurokawa	2			2	2	2	2
Continue- Architecture of Late Modernism: Trend of Hi-Tech Architecture, Analyzing landmark projects of Architects: Richard Rogers / Renzo Piano /Norman Foster / Nicolas Grimshow.	2			2	2	2	2
Architecture of Post Modernism :Neo Classicism / Historicism / Revivalism /Metaphors , Analyzing projects of the American Architects: Robert Venturi / Philip Johnson /Charles Moore/ Michael Graves	2			2	2	2	2
Continue- Architecture of Post Modernism:	2			2	2	2	2
Trend of Deconstruction Architecture	2			2	2	2	2
Analyzing landmark projects of Architect: Daniel Libeskind	2			2	2	2	2
Continue- Architecture of Post Modernism:Trend of Deconstruction Architecture Analyzing landmark projects of Architect: Frank O' Gehry / ZahaHadid / Bernard Tshumi	2			2	2	2	2
Continue- Architecture of Deconstruction , Analyzing landmark projects of Architects: Peter Eisenman Maya Lynn /Coop Himmilblau	2			2	2	2	2
Total hours	**30**			**30**	**30**	**30**	**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:

A1, A3, A4, A7, A8, A19, A11, A17,A24	B4, B5, B14, B19	C1, C2, C4, C12	D1, D2, D3, D4, D5, D7

2- Teaching and learning methods:

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

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

Researches	20	20
Practical/laboratory work	Non	0
Other assignments/class work	Non	0
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Dr Reham Momtaz..
Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	-
Inadequate	-

List any inadequacies: **Non**

5- Administrative constraints (List any difficulties encountered)
Non

6- Student evaluation of the course:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)	It is recommended to give us the complete drawings of all chosen projects given in the course to be able to study them more easily and not to make more efforts to search for them through internet sites.	This problem had been solved by presenting the complete drawings of all the given projects in presentation of each lecture. In addition, The course team give some projects (not mentioned in the course book) to let the students search for them on purpose to be good excavators for the certain data

7- Comments from external evaluator(s):

	Comment	Response of course team

(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(gg) Non		

10- Action plan

Actions required	Completion date	Person responsible
6.		
7.		

Course coordinator: Dr. Dr Reham Momtaz.

Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 511 Working Drawing & Construction Documents
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Level 5
4- Credit hours

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

5- Names of lecturers contributing to the delivery of the course: Dr. Magdy Tamam
6- Course coordinator: Dr. Magdy Tamam– Dr. Amr Moatasm
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	180	100	%
2- No. of students completing the course:	**No.**	179	99,8	%

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	15	9	16	30	10	80
Spring	13	62	66	38	1	180
Summer	15	59	61	28	--	163
Sum	43	130	143	96	11	423
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
• Revision and Working drawings importance	1	3		4	4	4	4
• Project Determination and Preparing software	1	3		4	4	4	4
• . Layout Working Drawing studies	1	3		4	4	4	4
• Plans (advanced working Drawings studies).	1	3		4	4	4	4
• Advanced structure systems	1	3		4	4	4	4
• (meshes – trusses – shell -cables-space structures)	1	3		4	4	4	4
• Advanced Escalators , Stairs and Elevators designing and construction studies	1	3		4	4	4	4

• Methods of choosing and applying advanced finishing materials using (green materials)	1	3		4	4	4	4
• Special doors "revolving – sliding – electrical ....."& Windows (Curtain walls - aluminum glassing systems)	1	3		4	4	4	4
• Sections (advanced working drawing studies) .	1	3		4	4	4	4
• Advanced roofing and skylight systems	1	3		4	4	4	4
• Theater and cinema design in plan and section	1	3		4	4	4	4
• Sport and lecture halls (vision – sound – light – A. C.)	1	3		4	4	4	4
• Elevations for complex and high-tech buildings	1	3		4	4	4	4
• **Total hours**	15	45		60	60	60	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
- Achieved program intended learning outcomes, ILO's:

A3, A5, A6, A11, A12, A15, A20, A21, A23,A24	B9, B12, B13, B14, B15, B16, B20,B22,B23,B24	C1, C2, C10, C12, C14, C15,C23,C24,C25	D1, D2, D3, D6, D7, D8

2- Teaching and learning methods:

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

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

3- Student assessment:

Method of assessment	Points	%
Written examination	40	40
Project	30	30
Practical/laboratory work	Non	0
Other assignments/class work	20	20
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Dr. Shahinaz El Tayaa
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:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(hh) Non		

10- Action plan

Actions required	Completion date	Person responsible
8.		
9.		

Course coordinator: Dr. Magdy Tamam
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 512 Building Regulations & Professional Practice
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Level 5
4- Credit hours

Credit 2 hrs Lectures 2 hrs Tutorial hrs Practical - hrs

5- Names of lecturers contributing to the delivery of the course: Dr. Saiyd Abd Elkhalek
6- Course coordinator: Dr. Sayid Abd Elkhalek
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	325	100	%
2- No. of students completing the course:	**No.**	310	96.9	%

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	29	89	115	82	10	325
Spring		6	14	8	-	28
Summer	2	2	3	1		8
Sum	31	97	132	91	10	361
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
• 1-Introduction on the professional and legal responsibilities of the architect	2			2	2	2	2
• 2-Building Regulations	2			2	2	2	2
• 3-Legislations& rules for Building	2			2	2	2	2
• 4-Regulations for urban planning	2			2	2	2	2
• 5-Legislations for urban planning	2			2	2	2	2
• 6-Rules for urban planning	2			2	2	2	2
• 7-Mid-term exam	2			2	2	2	2
• 8-The architects' legal responsibilities	2			2	2	2	2
• 9-The contractors' legal responsibilities.	2			2	2	2	2

• 10-Responsibility for design and construction	2			2	2	2	2
• 11-Relation Between the owners , the architect and the contractor	2			2	2	2	2
• 12-Principles of professional practice - Scope of work	2			2	2	2	2
• 13-Principles of professional practice - Fees – Tenders	2			2	2	2	2
• 14-Contracts between owners and architect and contractor	2			2	2	2	2
• 15-Conclusion on the course	2			2	2	2	2
Total hours	**30**			**30**	**30**	**30**	**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:

A7, A16, A25	B12, B20	C1, C8	D6, D7

2- Teaching and learning methods:

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

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
Project	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: Dr. Said Abd Elkhalek
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:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(ii) Non		

10- Action plan

Actions required	Completion date	Person responsible
10.		
11.		

Course coordinator: Dr. Said Abd Elkhalek
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 523 Urban Design
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Level 5
4- Credit hours

Credit 4 hrs Lectures 2 hrs Tutorial - 4 hrs Practical - hrs

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: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	359	100	%
2- No. of students completing the course:	**No.**	359	100	%

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	39	103	167	48	-	359
Spring	5	8	11	2		26
Summer		4				4
Sum	44	115	178	50		399
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
• Introduction to Urban design	1	5		6	6	6	
• Introduction to project, Site analysis	1	5		6	6	6	
• Site analysis, zoning, introduction to research	1	5		6	6	6	
• Research presentation, conceptual designs, Site analysis	1	5		6	6	6	
• Layout alternatives	1	5		6	6	6	
• Layout alternatives	1	5		6	6	6	
• MT Exam	1	5		6	6	6	
• Layout, elevation	1	5		6	6	6	
• Layout, elevation	1	5		6	6	6	
• Layout, elevation, section	1	5		6	6	6	

• Layout, elevation, section, details	1	5		6	6	6	
• Layout, elevation, section, details, Maquette	1	5		6	6	6	
• Layout, elevation, section, details, Maquette	1	5		6	6	6	
• Semi-final	1	5		6	6	6	
• Revision, Exam Preparation & Makeup Class	1	5		6	6	6	
Total hours	**15**	**75**		**90**	**90**	**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
- Achieved program intended learning outcomes, ILO's:

A9, A16,A19	B10, B20	C13,C18,C19,C22,	D1, D5

2- Teaching and learning methods:

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

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

3- Student assessment:

Method of assessment	Points	%
Written examination	40	40
Researches	20	20
Practical/laboratory work	30	30
Other assignments/class work	Non	0
Mid-Term Exam	10	10
Total	100	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: **Non**

5- Administrative constraints (List any difficulties encountered)

Non

6- Student evaluation of the course:

Questionnaire Results

Course	
Lecturer	

Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	None	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(jj) None		

10- Action plan

Actions required	Completion date	Person responsible
12. None		
13.		

Course coordinator: Prof. Dr. Walaa Nour
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 530: Urban and Environmental Conservation
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Level 4
4- Credit hours

Credit 2 hrs Lectures 2 hrs Tutorial hrs Practical - hrs

5- Names of lecturers contributing to the delivery of the course: Dr. Asamer Zakaria
6- Course coordinator: Dr. Asamer Zakaria
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	308	100	**%**
2- No. of students completing the course:	**No.**	308	100	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall						
Spring	66	133	76	33	--	308
Summer	4	4	7	2	-	17
Sum	70	137	83	35		325
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
• 1- Introduction to the field of urban and environmental conservation. (General definitions, terms, fundamentals and theories)	2			2		2	2
• 2- Urban Conservation of Heritage sites.	2			2		2	2
• 3- Issues and problems facing heritage sites	2			2		2	2
• 4-Concept of value in heritage conservation							
• 5- The role of international institutions.	2			2		2	2
• 6- A critical review of international restoration & conservation charters	2			2		2	2
• 7-Mid-Term Exam	2			2		2	2

• 8- Cultural Heritage and Local Economic Development	2			2		2	2
• 9- The role of participation and community involvement in Conservation	2			2		2	2
• 10- urban revitalization of historic areas	2			2		2	2
11- Rehabilitation of historic buildings	2			2		2	2
12- Conservation economics and the debate between cultural and economic values	2			2		2	2
13- The significance of public intervention in heritage	2			2		2	2
14- Local and international case studies of urban conservation	2			2		2	2
15- Research project presentation &revision	2			2		2	2
Total hours	**30**			**30**		**30**	**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:

A1, A11, A16,A17,A18,A19,A21	B18,B19, B21,	C17, C21,C22	D1, D5,D7

2- Teaching and learning methods:

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

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
Project	Non	0
Practical/laboratory work	Non	0
Other assignments/class work	15	15
Mid-Term Exam	25	25
Total	100	100

Members of examination committee:

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:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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		

10- Action plan

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

make the student capable of applying the lectures in reality.		

Course coordinator: Dr. Asamer Zakaria
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 532 Computer in Architecture
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Level 5
4- Credit hours

Credit 2 hrs Lectures 1 hrs Tutorial3 hrs Practical - hrs

5- Names of lecturers contributing to the delivery of the course: Dr. Hossam Moftah
6- Course coordinator: Dr. Hossam Moftah
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	299	100	%
2- No. of students completing the course:	**No.**	289	96.7	%

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	94	89	61	45	10	299
Spring	12	35	31	25	6	109
Summer	1	5	2			8
Sum	107	129	94	70	16	416
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
• Introduction to Advanced computer systems, start-up a REVIT drawing file and using assisting Commands	1	3		4	4	4	4
• Level and Grid command, Sketch mode, Wall types (How to Create Basic walls).	1	3		4	4	4	4
• Wall types (How to Create Stacked and curtain walls) Create floors, Selection methods, and Modifying commands.	1	3		4	4	4	4
• Model revision, Modeling commands (doors, windows) and adding components, and create a camera.	1	3		4	4	4	4
• Project phase 1 submission.	1	3		4	4	4	4

• Modeling commands (Ceiling, Columns, Roof, Stairs).	1	3		4	4	4	4
• Assessment (Mid Term)	1	3		4	4	4	4
• Modeling commands (Railing, Ramp).	1	3		4	4	4	4
• in-place family (create cornice using sweep command) and Massing	1	3		4	4	4	4
• Project phase 2 submission.	1	3		4	4	4	4
• Plotting (sheet preparation), annotation commands (Dimension, details, text), and schedule of quantities.	1	3		4	4	4	4
• Practical Exam	1	3		4	4	4	4
• Project submission	1	3		4	4	4	4
• Final revision, Exam preparation & Makeup Class	1	3		4	4	4	4
• Final revision, Exam preparation & Makeup Class	1	3		4	4	4	4
Total hours	**15**	**45**		**60**	**60**	**60**	**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
- Achieved program intended learning outcomes, ILO's:

A13, A19, A20	B1, B4, B13,B19	C5, C12, C13, C14	D1, D3, D6, D7

2- Teaching and learning methods:

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

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
Project	Non	0
Practical/laboratory work	Non	0
Other assignments/class work	20	30
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Dr. Hossam Moftah

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:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(kk) Non		

10- Action plan

Actions required	Completion date	Person responsible
3.		
4.		

Course coordinator: Dr. Hossam Moftah
Signature:
Date: September 2019

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 533 Modern System Building Materials

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

3- Year/Level of program Senior 2, Level 5

4- Credit hours

Credit: 2 hrs. **Lectures:** 2 hrs. **Tutorial:** -hrs. **Total** 2hrs

5- Names of lecturers contributing to the delivery of the course: Dr. Amira Gouhar

6- Course coordinator: Dr. Amira Gouhar

7- External evaluator: None

B- Statistical Information

4-	**No. of students attending the course:**	**No.**	329	100 **%**
5-	**No. of students completing the course:**	**No.**	328	99.7 **%**

6- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	14	70	176	68	1	329
Spring	3	9	10	5		27
Summer	--	1	24	113	21	159
Sum	17	80	210	186	22	515
Percentage						

C- Professional Information

1 – Course Teaching Hours

Week	Topic	Lecture	Tutorial	Practical	Total	Actual		
						Fall	Spr.	Sum.
1	General review of Building Systems and course goals	2	0	0	2	2	2	
2	The role of structure in architecture/ Skeleton system/Wall Systems	2	0	0	2	2	2	
3	Skeleton system	2	0	0	2	2	2	
4	Mechanization of Skeleton Construction	2	0	0	2	2	2	
5	Prefabricated construction methods	2	0	0	2	2	2	
6	Capsules Units	2	0	0	2	2	2	

Week	Topic	Lecture	Tutorial	Practical	Total	Actual		
						Fall	Spr.	Sum.
7	Assessment (Mid-Term)	2	0	0	2	2	2	
8	Shell and Folded Structure	2	0	0	2	2	2	
9	Modern Systems	2	0	0	2	2	2	
10	Dynamic Building	2	0	0	2	2	2	
11	Kinetic/Dynamic Façades	2	0	0	2	2	2	
12	Kinetic/Dynamic Façades	2	0	0	2	2	2	
13	Pneumatic Systems	2	0	0	2	2	2	
14	Pneumatic Systems	2	0	0	2	2	2	
15	Final project	2	0	0	2	2	2	
	Total hours	**30**	**0**	**0**	**28**	**30**	**30**	

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

  More than 95 %

- **Reasons in detail for not teaching any topic:**

  None

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

  None

- **Achieved program intended learning outcomes, ILO's:**

  A8, A12, A14, A24, A25, B5, B17, B23 C8, C14, C25, D6

2- Teaching and learning methods:

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

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

3- Student Assessment Methods

Method of assessment	Points	%
Written examination	70	70
Quizzes	10	10
Practical/laboratory work	-	0
Project	-	0
Periodical Sketches	-	
Other assignments/class work	10	10
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Dr. Amira Gouhar
Role of external evaluator: None

4- Facilities and teaching materials:

Totally adequate	
Adequate to some extent	Yes
Inadequate	

List any inadequacies:

5- Administrative constraints (List any difficulties encountered)

None

6- Student evaluation of the course:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

	List any criticisms	Response of course team
(a)	None	None

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	None	None

8- Written Exam Evaluation

The results of the course are normally distributed with mean at 63% 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 completed and give reasons for any non-completion:

Actions required	Planned Completion date	Accomplishment

10- Action plan for academic year 2018– 2019

Actions required	Completion date	Person responsible

Course coordinator: Dr. Amira Gouhar
Signature: Dr. Amira Gouhar
Date: September 25, 19

Annual Course Report
Academic year 2018-2019

A- Basic Information

1- Course Code & Title: ARC 551: Elective Course (Aesthetics & Formation)
2- Relevant program/s: Architecture Engineering and Building Technology
3- Year/Level of program: Level 5
4- Credit hours

Credit 2 hrs Lectures 2 hrs Tutorial hrs Practical - hrs

5- Names of lecturers contributing to the delivery of the course: Dr. Amira Mostafa
6- Course coordinator: Dr. Amira Mostafa
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	20	100	**%**
2- No. of students completing the course:	**No.**	20	100	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall						
Spring	1	--	6	13		20
Summer						
Sum	1	--	6	13		20
Percentage						

C- Professional Information

1. Contents

Topic	Lecture hours	Tutorial hours	Practical hours	Total	Actual		
					Fall	Spr.	Sum.
Sources of Architectural Aesthetics	2			2		2	
Channels of Architectural Aesthetics	2			2		2	
Introduction (spatial-tension-intterlocking-harmony-gradtion-contrast)	2			2		2	
Formal approachinl (dominance - regetition balance)	2			2		2	
Values and order for Architectural Aesthetics	2			2		2	
Unity and continuity	2			2		2	
Mid d term Exam							

Repose-scale- rhythm-proportions	2			2		2	
Theories geometric form	2			2		2	
Organic morphology-sculpturesque form	2			2		2	
The principles of the Aesthetics of composition in Architectural and art	2			2		2	
Relations between art and Architectural	2			2		2	
Intellectual of historical Architectural and technological	2			2		2	
Research for Architectural Aesthetics project	2			2		2	
Research evaluation	2			2		2	
Total hours	**30**			**30**		**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:

A13,A14,A16,A19	B4,B5,B13,B18	C3,C9,C13	D1,D2,D3,D7,D8

2- Teaching and learning methods:

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

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

3- Student assessment:

Method of assessment	Points	%
Written examination	40	70
Researches	5	5
Practical	25	25
Other assignments/class work	20	20
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Dr. Amira Mostafa
Role of external evaluator: Non

4- Facilities and teaching materials:

Totally adequate	Yes
Adequate to some extent	-
Inadequate	-

List any inadequacies: **Non**

5- Administrative constraints (List any difficulties encountered)

Non

6- Student evaluation of the course:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

Comments

	List any criticisms	Response of course team
(a)		
(b)		

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	Non	

8- Written Exam Evaluation

- The exam header agrees with the MAM standard form
- The written exam covers 69% of the course ILO's in a balanced form.
- The exam considers the course aims listed in the course specification.
- The exam level is acceptable, considering the percentage of success.
- The exam addresses the fundamentals of the automatic control.
- The too low level of points of question 4 imposes the need to revise the teaching and learning methods of the ILO's covered by quest 4 together with the relevant lab work.

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
(II) Non		

10- Action plan

Actions required	Completion date	Person responsible
5.		
6.		

Course coordinator: Dr. Amira Mostafa
Signature:
Date: September 2019

Annual Course Report
Academic year 2019-2021

A- Basic Information

1- Course Code & Title: ARC 531:Advanced Building Economics
2- Program(s) on which this course is given:
Architecture Engineering and Building Technology
3- Year/Level of program: Senior 2 ,Level 5
4- Credit hours
Credit: 2 hrs. **Lectures:** 2 hrs. **Tutorial:** **Total**
5- Names of lecturers contributing to the delivery of the course: Dr. Mohamed Gobara

6- Course coordinator: Dr. Mohamed Gobara
7- External evaluator: None

B- Statistical Information

37- No. of students attending the course:	**No.**		100	**%**
38- No. of students completing the course:	**No.**		100	**%**

39- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall						
Spring						
Summer						
Sum						
Percentage						

C- Professional Information

1 – Course Teaching Hours

Week	Topic	Lecture	Tutorial	Practical	Total	Actual		
						Fall	Spr.	Sum.
1	1-Introduction to Construction Economy	2			2	2	2	
2	2-Economic principles	2			2	2	2	

3	3-Economic Idologies about building technology	2			2	2	2	
4	4-Properties of the construction sector	2			2	2	2	
5	5-Demand in building sector	2			2	2	2	
6	6-Supply in building sector	2			2	2	2	
7	7-Mid-term Exam	2			2	2	2	
8	8-Related industries to construction technology	2			2	2	2	
9	9-Resources	2			2	2	2	
10	10-Construction Costs	2			2	2	2	
11	11-Housing funds	2			2	2	2	
12	12-Housing Planning	2			2	2	2	
13	13-Feasibility studies	2			2	2	2	
14	14-Depreciation	2			2	2	2	
15	15-SWOT analysis in construction sector Applications	2			2	2	2	
	Total hours	**30**			**30**	**30**	**30**	

- **Topics taught as a percentage of the content specified:**
  More than 86 %
- **Reasons in detail for not teaching any topic:**
  This semester is only 13 weeks because of Covid-19
- **If any topics were taught which are not specified, give reasons in detail:**
  None
- **Achieved program intended learning outcomes, ILO's:**
  A4, A6, A14, A24 ,A25 , B16, B22 , B23 , C2, C16, D3, D8

2- Teaching and learning methods:

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

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

3- Student Assessment Methods

Method of assessment	Points	%
Written examination	70	70
Quizzes	-	-
Practical/laboratory work	-	-
Project	-	-
Periodical Sketches	-	-
Other assignments/class work	20	20

Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Dr. Mohamed Gobara
Role of external evaluator: None

4- Facilities and teaching materials:

Blackboard / whiteboard / OHP.	
Reference, & periodical / library visit & research paper reporting.	
Catalogue of material.	
National statistics & economic parameters and data.	

List any inadequacies:

5- Administrative constraints (List any difficulties encountered)

None

6- Student evaluation of the course:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	
Laboratory	

	List any criticisms	Response of course team
(a)	None	None

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	None	None

8- Written Exam Evaluation

The results of the course are normally distributed with mean at 63% 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 completed and give reasons for any non-completion:

Actions required	Planned Completion date	Accomplishment
Book Update	Oct. 2021	Done

10- Action plan for academic year 2019– 2020

Actions required	Completion date	Person responsible
None	Sept. 2019	

Course coordinator: Dr. Mohamed Gobara
Signature:
Date: September 2019

Annual Course Report
Academic year 2019-2021

A- Basic Information

1- Course Code & Title: ARC552: Architecture Criticism

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

Architecture Engineering and Building Technology

3- Year/Level of program: Senior 2 ,Level 5

4- Credit hours

Credit: 2 hrs. **Lectures:** 2 hrs. **Tutorial:** **Total**

5- Names of lecturers contributing to the delivery of the course: Dr El Moataz Bellah

6- Course coordinator: Dr. El Moataz Bellah

7- External evaluator: None

B- Statistical Information

40- No. of students attending the course:	**No.**	255	100	**%**
41- No. of students completing the course:	**No.**	250	87.17	**%**

42- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall						
Spring	42	73	74	61	5	255
Summer		2	3	2		7
Sum	42	75	77	63	5	262
Percentage						

C- Professional Information

1 – Course Teaching Hours

Week	Topic	Lecture	Tutorial	Practical	Total	Actual		
						Fall	Spr.	Sum.
1	1-Architectural criticism concepts and tools and trends	2					2	2

2	2-Modes of schools and trends of Architectural criticism and its product	2					2	2
3	3-Iimportant thinkers and support positive evaluated skills and description by writing and visual analysis	2					2	2
4	4-Concepts and definitions	2					2	2
5	5-Criticism and evaluation	2					2	2
6	6-Architectural criticism History- schools and trends of criticism Architectural criticism operation Description and Documentations and positive record	2					2	2
7	7-Mid term Exam	2					2	2
8	8-Description and analysis	2					2	2
9	9-Assumptions and positive Documentation	2					2	2
10	10-Assumptions and criteria and principles of evaluations	2					2	2
11	11-Results, values and Personality and community criteria	2					2	2
12	12-Architectural competitions	2					2	2
13	13-Results of Architects and grand projects	2					2	2
14	14-Models and applications – and case study.	2					2	2
15	15-Revision	2					2	2
	Total hours	**30**					**30**	**30**

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

More than 86 %

- **Reasons in detail for not teaching any topic:**

This semester is only 13 weeks because of Covid-19

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

None

- **Achieved program intended learning outcomes, ILO's:**

A9, A11,A16, A17, B18 ,B19 , B20, B21 , C18, C20 ,C21,C22 , D3, D6, D9

2- Teaching and learning methods:

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

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

3- Student Assessment Methods

Method of assessment	Points	%
Written examination	70	70
Quizzes	-	-
Practical/laboratory work	5	5
Project	-	-
Periodical Sketches	-	-
Other assignments/class work	15	15
Mid-Term Exam	10	10
Total	100	100

Members of examination committee: Dr. El Moataz Bellah
Role of external evaluator: None

4- Facilities and teaching materials:

Data Show	
Projection screen	

List any inadequacies:

5- Administrative constraints (List any difficulties encountered)

None

6- Student evaluation of the course:

Questionnaire Results

Course	
Lecturer	
Assistant	
Book	
Assessment	

Laboratory	

	List any criticisms	Response of course team
(a)	None	None

7- Comments from external evaluator(s):

	Comment	Response of course team
(a)	None	None

8- Written Exam Evaluation

The results of the course are normally distributed with mean at 63% 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 completed and give reasons for any non-completion:

Actions required	Planned Completion date	Accomplishment
Book Update	Oct. 2019	

10- Action plan

Actions required	Completion date	Person responsible
None	Sept. 2019	None

Course coordinator: Dr. El Moataz Bellah
Signature:
Date: September 2019