Architecture Engineering and Building Technology B.Sc.

Annual Report
By-Law 2012

2019-2020

Annual Course Report
Academic year 2019-2020

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.**	51	100	**%**
2- No. of students completing the course:	**No.**		30.43	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall		3	8	16	18	51
Spring	1	4	7	27	7	55
Summer						
Sum	1	7	15	43	25	106
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 2020

Annual Course Report
Academic year 2019-2020

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.**	63	100	**%**
5- No. of students completing the course:	**No.**	61	94.74	**%**

6- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	2	3	9	44	2	63
Spring		1	2	20	4	27
Summer						
Sum	2	4	11	64	6	80
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	7	
• Research on residential buildings	1	6	-	7	7	7	
• Zoning (bubble diagram – matrix of function)	1	6	-	7	7	7	
• 3d modeling (masses + site)	1	6	-	7	7	7	
• Concept development till final approval	1	6	-	7	7	7	
• Drawing layout by using glass box +4 elevations	1	6	-	7	7	7	
• Mid-Term Exam	1	6	-	7	7	7	
• Drawing final layout (to scale)	1	6	-	7	7	7	
• Drawing Ground floor plan	1	6	-	7	7	7	

• Final plans	1	6	-	7	7	7	
• Final elevations	1	6	-	7	7	7	
• Drawing 2 sections	1	6	-	7	7	7	
• Final sections	1	6	-	7	7	7	
• Drawing final skis (pre-complete project)	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: 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 2020

Annual Course Report
Academic year 2019-2020

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. Khaled Hesham
6- Course coordinator: Dr. Khaled Hesham
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	104	100	**%**
2- No. of students completing the course:	**No.**	85	81.37	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	3	18	40	55	20	136
Spring						
Summer						
Sum	3	18	40	55	20	136
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		

Week	Topic	Lecture	Tutorial	Practical	Total	Actual		
						Fall	Spr.	Sum.
6	• Construction methods (new construction methods)2	2	0	0	2	2		
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. Khaled Hesham
Signature:
Date: September 2020

Annual Course Report
Academic year 2019-2020

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.**	87	100	**%**
2- No. of students completing the course:	**No.**	74	83.87	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	5	17	25	37	3	87
Spring						
Summer		3	1	5	1	14
Sum	5	20	26	42	4	101
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
• Drawing & Modifying Commands	2	3	2	7	7		7
• Drawing & Modifying Commands	2	3	2	7	7		7
• Layers Management	2	3	2	7	7		7
• Advanced Layers Management	2	3	2	7	7		7
• Revision	2	3	2	7	7		7
• Mid Term Exam	2	3	2	7	7		7
• Hatch Techniques & Blocks	2	3	2	7	7		7
• Dimensions, Text & Project Introduction	2	3	2	7	7		7
• Photo editing / Xref / Attributes / Design Centre / Tool Palettes	2	3	2	7	7		7
• Plotting & Paper Space	2	3	2	7	7		7

• Advanced Commands & Project Correction	2	3	2	7	7		7
• Revision & Makeup classes	2	3	2	7	7		7
• Project submission	2	3	2	7	7		7
• Practical Exam	2	3	2	7	7		7
Total hours	**30**	**45**	**30**	**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
Signature:
Date: September 2020

Annual Course Report
Academic year 2019-2020

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. Nermin Mater
6- Course coordinator: Dr. Nermin Mater
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	122	100	**%**
2- No. of students completing the course:	**No.**	110	77.03	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	13	27	37	25	12	122
Spring						
Summer						
Sum	13	27	37	25	12	122
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. Nermin Mater

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. Nermin Mater
Signature:
Date: September 2020

Annual Course Report
Academic year 2019-2020

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.**	130	100	**%**
2- No. of students completing the course:	**No.**	128	100	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	39	38	16	3	2	130
Spring	3	-	-	-	-	3
Summer	1	1	1			3
Sum	43	39	17	3	2	`36
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 2020

Annual Course Report
Academic year 2019-2020

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.**	121	100	**%**
2- No. of students completing the course:	**No.**	105	88.1	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	1	13	48	46	16	121
Spring	2	0.0	0.0	0.0	0.0	2
Summer	0.0	0.0	0.0	0.0	0.0	0.0
Sum	3	13	48	46	16	123
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 for academic year 2021 – 2022

Actions required	Completion date	Person responsible
None		

Course coordinator: Prof. Dr. Mona El-Basyoni
Signature:
Date: September 21

Annual Course Report
Academic year 2019-2020

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
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	49	100	**%**
2- No. of students completing the course:	**No.**	47	30.43	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	1	4	12	19	2	49
Spring				25	11	36
Summer			2	14	10	30
Sum	1	4	14	58	23	106
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	5
• Sequence of Building Construction.	2	3	-	5	5	5	5
• Construction Systems: Bearing walls.	2	3	-	5	5	5	5
• Construction Systems: Skeleton Construction.	2	3	-	5	5	5	5
• Foundations: Surface foundations.	2	3	-	5	5	5	5
• Foundations: Deep foundations.	2	3	-	5	5	5	5
• Mid Term Exam (M. T1).	2	3	-	5	5	5	5
• Brick walls: Types of brick & mortar	2	3	-	5	5	5	5
• Brick wall bonding: English Bond & Flemish Bond.	2	3	-	5	5	5	5
• Masonry walls: Classifications of stones – walling philosophy.	2	3	-	5	5	5	5

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

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
Signature:
Date: September 2020

Annual Course Report
Academic year 2019-2020

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.**	75	100	**%**
2- No. of students completing the course:	**No.**	64	76.47	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	3	17	15	14	2	51
Spring	1	4	3	52	11	75
Summer	2	3	4	10	-	19
Sum	6	24	22	76	13	144
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	7
• Analysis of program elements	1	6	-	7	7	7	7
• Research on the chosen project	1	6	-	7	7	7	7
• Zoning (bubble diagram , matrix of functions	1	6	-	7	7	7	7
• 3D modeling (masses , site) , skis	1	6	-	7	7	7	7
• Concept development , skis	1	6	-	7	7	7	7
• Mid Term Exam	1	6	-	7	7	7	7
• Final plans	1	6	-	7	7	7	7
• Final sections	1	6	-	7	7	7	7
• Final elevations	1	6	-	7	7	7	7

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

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 2020

Annual Course Report
Academic year 2019-2020

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. Hesham Yahia
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	130	100	**%**
2- No. of students completing the course:	**No.**	120	88.24	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall						
Spring	17	9	8	86	10	130
Summer						
Sum	17	9	8	86	10	130
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		2	
• The pharaonic Character and Features	2	-	-	2		2	
• The Architectural Buildings(Tombs)	2	-	-	2		2	
• The Architectural Buildings (Temples)	2	-	-	2		2	
• The Architectural Buildings(Temples)	2	-	-	2		2	
• The Hellenistic Architecture:	2	-	-	2		2	
• Mid Term Exam	2	-	-	2		2	
• Greek Architecture: Character and Features	2	-	-	2		2	

• The Greek Columns ,Temples, Buildings	2	-	-	2		2	
• The Roman Architecture: Features - Columns-temples	2	-	-	2		2	
• Buildings (theater-Amphitheater-….	2	-	-	2		2	
• Seminars	2	-	-	2		2	
• Researches Discussion	2	-	-	2		2	
• Researches Discussion	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:

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. Hesham Yahia
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. Hesham Yahia
Signature:
Date: September 2020

Annual Course Report
Academic year 2019-2020

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. Mohamed El Masry
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	152	100	**%**
2- No. of students completing the course:	**No.**	141	96.3	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	2	--	--	--	--	2
Spring	29	24	33	55	11	152
Summer						
Sum	31	24	33	55	11	154
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. Mohamed El Masry
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. Mohamed El Masry
Signature:
Date: September 2020

Annual Course Report
Academic year 2019-2020

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.**	96	100	**%**
2- No. of students completing the course:	**No.**	95	76.47	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	0	0	0	0		0
Spring	7	14	10	61	1	96
Summer			4	5	5	17
Sum	7	14	`4	63	6	113
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 2020

Annual Course Report
Academic year 2019-2020

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.**	75	100	**%**
5- No. of students completing the course:	**No.**	69	92.54	**%**

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	7	5	1	56	6	75
Summer	9	15	15	9	2	50
Sum	16	20	16	65	7	125
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 for academic year 2021 – 2022

Actions required	Completion date	Person responsible
None		

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

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 2019-2020

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.**	294	100 **%**
8-	**No. of students completing the course:**	**No.**	273	79.31 **%**

9- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	23	65	100	85	21	294
Spring	1	2	--	89	2	95
Summer						
Sum	**24**	**67**	**100**	**174**	**23**	**389**
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 2020

Annual Course Report
Academic year 2019-2020

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.**	395	100 %
11- No. of students completing the course:	**No.**	363	95.14 %

12- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	94	97	81	91	32	395
Spring		1	1	2		4
Summer						
Sum	94	98	82	93	32	399
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	2	
Main topics of human studies &Architecture	2			2	2	2	
Human needs & its impact on space& Arch.	2			2	2	2	
Islamic culture in Arch.	2			2	2	2	
Arch. values in Islamic city	2			2	2	2	
Arch. As build environment The role of the environment (green &smart) Arch	2			2	2	2	
Mid Term Exam							
Shaping the culture & behavior of a Society throughout history	2			2	2	2	
Shaping the culture & behavior of a Society throughout history	2			2	2	2	
Vernaculars & traditional arch	2			2	2	2	
Relation between man & environment	2			2	2	2	
1. Relation between man & environment Natural & informal arch. Nubian / siwa / etc.	2			2	2	2	
Informal arch	2			2	2	2	
Community participation	2			2	2	2	

Introduction, basic definitions and terminology	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:

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 2020

Annual Course Report
Academic year 2019-2020

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.**	287	100 %
14- No. of students completing the course:	**No.**	275	93.33 %

15- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	12	54	94	75	3	287
Spring		1	3	51	8	63
Summer						
Sum	12	55	97	126	11	350
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 2020

Annual Course Report
Academic year 2019-2020

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. Fatma Magdy
6- Course coordinator: Dr. Fatma Magdy
7- External evaluator: Non

B- Statistical Information

16- No. of students attending the course:	**No.**	375	100 %
17- No. of students completing the course:	**No.**	335	96.00 %

18- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	23	53	94	155	40	375
Spring						
Summer	1	1		1		3
Sum	**24**	**54**	**94**	**156**	**40**	**378**
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. Fatma Magdy
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. Fatma Magdy
Signature:
Date: September 2020

Annual Course Report
Academic year 2019-2020

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.**	320	100 %
20- No. of students completing the course:	**No.**	277	91.49 %

21- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	70	52	64	78	56	320
Spring		1	5	82	13	101
Summer	7	4	4	70	4	77
Sum	77	57	73	230	73	498
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	3
Design fundamentals for concrete structures.	2	1		3	3	3	3
Analysis and design of sections under bending moment	2	1		3	3	3	3
Load distribution	2	1		3	3	3	3
Details of beams' reinforcement	2	1		3	3	3	3
Solid slabs.	2	1		3	3	3	3
Mid-Term Exam				3	3	3	3
Stairs- Columns.	2	1		3	3	3	3
Special slabs.	2	1		3	3	3	3
Design fundamentals of steel structures.	2	1		3	3	3	3
Details for trusses.	2	1		3	3	3	3
Details for steel frames	2	1		3	3	3	3
Design of columns	2	1		3	3	3	3
Design o beams	2	1		3	3	3	3
Design of connections	2			3	3	3	3
Total hours	**30**	**45**	**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:

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 2020

Annual Course Report
Academic year 2019-2020

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.**	352	100 %
23- No. of students completing the course:	**No.**	318	94.38 %

24- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	54	75	88	75	34	352
Spring		2	1	81	8	92
Summer						
Sum	54	77	89	156	42	444
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 2020

ARC 326 History & Theory of Planning
Annual Course Report
Academic year 2019-2020

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.**	346	100 %
26- No. of students completing the course:	**No.**	322	93.58 %

27- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	55	95	112	60	24	346
Spring						
Summer	1	5	3	52	6	67
Sum	56	100	1115	112	30	413
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		2
Mesopotamia cities.	2			2	2		2
Ancient Egyptian civilization	2			2	2		2
Planning of Greek cities.	2			2	2		2
Planning of roman cities.	2			2	2		2
Analysis for the planning theories in that ear	2			2	2		2
Mid-Term							
Cities in the middle eras	2			2	2		2
Islamic cities	2			2	2		2
Islamic city (case studies)	2			2	2		2
The renaissance cities.	2			2	2		2
Applications for the model towns	2			2	2		2
Theories for city planning	2			2	2		2
The Contemporary Egyptian city and its problems-environmental problems-pollution-slum areas	2			2	2		2

Final revision – discussion for the second requirement report	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:

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 2020

Annual Course Report
Academic year 2019-2020

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.**	274	100 %
29- No. of students completing the course:	**No.**	261	89.19 %

30- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall			10	32	66	48
Spring				261	13	274
Summer	11	29	27	27	--	94
Sum	11	29	37	320	79	**416**
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 2020

Annual Course Report
Academic year 2019-2020

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. Sherif Salah
6- Course coordinator: Dr. Sherif Salah
7- External evaluator: Non

B- Statistical Information

31- No. of students attending the course:	**No.**	314	100	**%**
32- No. of students completing the course:	**No.**	306	76.74	**%**

33- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	9	18	15	26	9	77
Spring	44	83	127	32	8	314
Summer	1					1
Sum	**54**	**101**	**142**	**58**	**17**	**391**
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. Sherif Salah
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. Sherif Salah
Signature:
Date: September 2020

Annual Course Report
Academic year 2019-2020

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

34- No. of students attending the course:	**No.**	275	100 %
35- No. of students completing the course:	**No.**	273	100 %

36- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall		5	17	32	1	55
Spring				273	2	275
Summer	1	15	15	9	-	43
Sum	**1**	**20**	**32**	**314**	**3**	**373**
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	
Library project + site analysis	1	6		7	7	7	
Design criteria of library 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	1	6		7	7	7	
Drawing main sections	1	6		7	7	7	
Drawing elevations	1	6		7	7	7	
Formation development in elevations	1	6		7	7	7	
Drawing 3d perspectives or isometric	1	6		7	7	7	
Final site design Final preservation of project + jury	1	6		7	7	7	
Total hours	**14**	**84**	**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:

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 2020

Annual Course Report
Academic year 2019-2020

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

37- No. of students attending the course:	**No.**	299	100 **%**
38- No. of students completing the course:	**No.**	283	**%**

39- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall						
Spring		3	2	278	16	299
Summer				3		3
Sum		**3**	**2**	**281**	**16**	**302**
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	
Painting circle of (3)basic color (6 -12)	2	3		5		5	
color theory of Ostwald and coloring techniques	2	3		5		5	
color notation (Munsell theory) and coloring techniques	2	3		5		5	
Color value and Grey scale	2	3		5		5	
Intensity of color (chrome)	2	3		5		5	
Mid-Term Exam				5		5	
Cool & warm colors	2	3		5		5	
Research presentation & Discussion	2	3		5		5	
Combining & contrasting colors	2	3		5		5	
Harmony & disharmony of colors	2	3		5		5	
Introduction water colors naturally	2	3		5		5	
Drawing architectural water colors project and manual presentation	2	3		5		5	
water colors in presenting layout and plans	2	3		5		5	

water colors in presenting elevations	2	3		5		5	
Total hours	**28**	**42**	**0**	**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 2020

Annual Course Report
Academic year 2019-2020

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. Faten Salah
6- Course coordinator: Dr. Faten Salah
7- External evaluator: Non

B- Statistical Information

40- No. of students attending the course:	**No.**	373	100 %
41- No. of students completing the course:	**No.**	371	95.73 %

42- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall		8	14	30	14	66
Spring	13	4	6	373	2	373
Summer						
Sum	13	12	20	403	16	439
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. Faten Salah
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. Faten Salah
Signature:
Date: September 2020

Annual Course Report
Academic year 2019-2020

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

43- No. of students attending the course:	**No.**	337	100 %
44- No. of students completing the course:	**No.**	323	84.21 %

45- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall						
Spring	2	3	7	311	14	337
Summer	6	28	22	39	2	98
Sum	7	31	29	350	16	435
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
Climatic Elements affecting design process	2	1		3		3	3
Solar Radiation and its properties	2	1		3		3	3
Design of sun breakers	2	1		3		3	3
Heat and thermal behavior of the building	2	1		3		3	3
wind and air movement	2	1		3		3	3
Mid-Term Exam		1		3		3	3
basics of natural ventilation Heat performance of the building	2	1		3		3	3
Elements of human comfort	2	1					
Components of day lighting Day lighting design tools	2	1		3		3	3
Research presentation & Discussion	2	1		3		3	3
Introduction –Environment and its physical aspects – climatic regions and levels of studying	2	1		3		3	3

Climatic Elements affecting design process	2	1		3		3	3
Solar Radiation and its properties	2	1		3		3	3
Design of sun breakers heat and thermal behavior of the building	2	1		3		3	3
Total hours	**28**	**14**	**0**	**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 2020

Annual Course Report
Academic year 2019-2020

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

46- No. of students attending the course:	**No.**	355	100 %
47- No. of students completing the course:	**No.**	353	88.13 %

48- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall		1	1			2
Spring	2	14	5	321	2	355
Summer	2	3	1			6
Sum	**4**	**18**	**7**	**321**	**2**	**363**
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	62%
Lecturer	71%
Assistant	72%
Book	74%
Assessment	65%
Laboratory	33%

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 2020

Annual Course Report
Academic year 2019-2020

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. ESlam Hamdy
6- Course coordinator: Dr. Eslam Hamdy
7- External evaluator: Non

B- Statistical Information

49- No. of students attending the course:	**No.**	379	100 %
50- No. of students completing the course:	**No.**	376	100 %

51- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall						
Spring	7	2	4	363	3	379
Summer	86	32	7	2	1	128
Sum	**93**	**34**	**11**	**365**	**4**	**507**
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. ESlam Hamdy
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. ESlam Hamdy
Signature:
Date: September 2020

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 2019-2020

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 . Faten Salah

6- Course coordinator: Dr . Faten Salah

7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	316	100	%
2- No. of students completing the course:	**No.**	315	96.5	%

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	13	51	94	102	1	316
Spring				72	9	81
Summer						
Sum	13	51	94	174	10	397
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 . 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
(p) Non		

10- Action plan

Actions required	Completion date	Person responsible
13.		
14.		

Course coordinator: Dr . Faten Salah
Signature:
Date: September 2020

Annual Course Report
Academic year 2019-2020

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 . Shahinaz El Tayiaa
6- Course coordinator: Dr . Shahinaz El Tayiaa
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	317	100	**%**
2- No. of students completing the course:	**No.**	315	98.7	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	28	89	160	38	2	217
Spring			2	54	1	57
Summer						
Sum	28	89	162	92	3	274
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 . Shahinaz El Tayiaa
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 . Shahinaz El Tayiaa
Signature:
Date: September 2020

Annual Course Report
Academic year 2019-2020

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.**	333	100	**%**
2- No. of students completing the course:	**No.**	314	76.8	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	151	72	42	29	19	333
Spring	5	3	2	54	1	66
Summer	2	2	-	-	-	4
Sum	158	77	44	83	20	403
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 2020

Annual Course Report
Academic year 2019-2020

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.**	360	100	**%**
2- No. of students completing the course:	**No.**	342	95.2	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	109	111	74	49	17	360
Spring	0		0	0		0
Summer	3		1	0		4
Sum	112	111	75	49		364
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		4
• Nature of light. Nature of heat.	1	3		4	4		4
• Nature of vision. Thermal load on buildings.	1	3		4	4		4
• Measurement of lighting. U – values.	1	3		4	4		4
• Measurement of lighting. U – values.	1	3		4	4		4
• Measurement of lighting. Thermal load upon building envelope.	1	3		4	4		4
• Mid-Term Exam.	1	3		4	4		4
• Artificial lighting. Luminaries. Thermal load upon building envelope.	1	3		4	4		4
• Artificial Lighting costs. Heat gain \ loss in buildings.	1	3		4	4		4

• Natural lighting. Heat gain \ loss in buildings.	1	3		4	4		4
• Natural light sources. Heat gain \ loss in buildings.	1	3		4	4		4
• Daylight factors. Thermal insulation.	1	3		4	4		4
• Combined lighting. Thermal insulation.	1	3		4	4		4
• Principles of light. Principles of heat.	1	3		4	4		4
• Nature of light. Nature of heat.	1	3		4	4		4
Total hours	**15**	**45**		**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:

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 2020

Annual Course Report
Academic year 2019-2020

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

52- No. of students attending the course:	**No.**	331	100	**%**
53- No. of students completing the course:	**No.**	321	93.1	**%**

54- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	10	41	122	149	10	331
Spring				75	3	78
Summer						
Sum	10	41	122	224	13	409
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. 2021	Done

10- Action plan for academic year 2021 – 2022

Actions required	Completion date	Person responsible
None	Sept. 2022	None

Course coordinator: Dr. Azza Gamal
Signature:
Date: 21/8/2021

Annual Course Report
Academic year 2019-2020

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. Ahmed Nour
6- Course coordinator: Dr. Ahmed Nour
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	306	100 %
2- No. of students completing the course:	**No.**	299	96.6 %

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall		3	7	25	8	43
Spring				299	7	306
Summer				5	1	6
Sum				329	16	355
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		
• Research: relevant architectural data and similar projects either International or local projects.	1	6		7	7		
• Sketch 1 (Schematic / conceptual design)	1	6		7	7		
• Sketch 2 (focuses on designing and formulating project plans)	1	6		7	7		
• Sketch 3 (Design development for plans)	1	6		7	7		
• Sketch 4 (focuses on designing and formulating project elevations and main sections)	1	6		7	7		

• Mid-Term Exam				7	7		
• Sketch 5 - Semi final sketch (Design Development for Layout, plans, elevations, sections and 3d models)	1	6		7	7		
• Sketch 6 - Final sketch (Presenting Layout, plans, elevations, sections and 3d models for approval). Presentation and rendering sessions	1	6		7	7		
• Final Submission and Project Discussion	1	6		7	7		
• Introduction to 4th project (A type of a project with both function and structural implications)	1	6		7	7		
• Research: Data gathering, site analysis, climatic studies, zoning and analysis of similar projects	1	6		7	7		
• Sketch 1 (Schematic / conceptual design)	1	6		7	7		
• Sketch 2 (Design development for plans)	1	6		7	7		
• Sketch 3 (Presenting proposed layout, plans, elevations, sections and 3d models)	1	6		7	7		
Total hours	**30**	**90**		**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. Ahmed 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)	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. Ahmed Nour
Signature:
Date: September 2020

Annual Course Report
Academic year 2019-2020

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. Shahinaz El Tayaa
6- Course coordinator: Dr. Shahinaz El Tayaa
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	319	100	**%**
2- No. of students completing the course:	**No.**	315	99	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	6	9	12	4	1	32
Spring			1	314	4	319
Summer	1	4	10	36	2	66
Sum	9	13	23	354	7	417
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	4
• Site analysis studies (Revision on GIS)	1	3		4	4	4	4
• Site analysis studies	1	3		4	4	4	4
• Site analysis studies (following up the project)	1	3		4	4	4	4
• Following up the site analysis studies & evaluation	1	3		4	4	4	4
• Following up the site analysis studies & evaluation	1	3		4	4	4	4
• Mid-Term Exam	1	3		4	4	4	4
• Evaluating the site analysis studies	1	3		4	4	4	4

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

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. 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. Shahinaz El Tayaa
Signature:
Date: September 2020

Annual Course Report
Academic year 2019-2020

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.**	305	-	**%**
2- No. of students completing the course:	**No.**	398	-	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	2	3	3	2	-	12
Spring	1	5	4	288	7	305
Summer	26	40	33	39	1	161
Sum	29	48	40	329	8	478
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	2
• Caliph. Periods.	2			2	2	2	2
• Tulane's period.	2			2	2	2	2
• Building concepts in Islamic Arch.	2			2	2	2	2
• Fatimid caiphs' period.	2			2	2	2	2
• Fatimid caiphs' period. (Site Visit) / Ayyubids period.	2			2	2	2	2
• Mid-Term Exam	2			2	2	2	2
• Home in Islamic Arch.	2			2	2	2	2
• Mamluks (Bahri and Circassian) period.	2			2	2	2	2
• Mamluks (Bahri and Circassian) period.	2			2	2	2	2
• Mamluks (Bahri and Circassian) period.(Site Visit)	2			2	2	2	2
• Ottoman (Turks) period.	2			2	2	2	2

• Napolic Invasion (Mohamed Ali) period.	2			2	2	2	2
• Research	2			2	2	2	2
• Individual presentation.	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:

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 2020

Annual Course Report
Academic year 2019-2020

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.**	376	100	**%**
2- No. of students completing the course:	**No.**	373	100	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall			2	1		3
Spring		1	6	366	7	376
Summer				2		2
Sum		1	8	369	7	381
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	4	4
• Nature of sound. Sanitary installation in buildings.	1	3		4	4	4	4
• Sound levels. Sources of water. Water treatment.	1	3		4	4	4	4
• Attenuation of sound. Water supply in buildings.	1	3		4	4	4	4
• Nature of hearing. Water supply in buildings.	1	3		4	4	4	4
• Measurement of sound. Drainage systems.	1	3		4	4	4	4
• Mid-Term Exam.	1	3		4	4	4	4
• Noise control. Waste water treatment.	1	3		4	4	4	4

• Noise trnsfer. Under ground water tanks.	1	3		4	4	4	4
• Artifsound insulation. Fire fighting in buildings.	1	3		4	4	4	4
• Acoustic principles. Electricity installation in buildings.	1	3		4	4	4	4
• Reflection of sound. Fire alarm in buildings.	1	3		4	4	4	4
• Absorption of sound. Air control in buildings.	1	3		4	4	4	4
• Reverberation of sound. HVAC systems.	1	3		4	4	4	4
• Principles of sound. Principles of sanitary installations. Nature of sound. Sanitary installation in 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:

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
27.		
28.		

Course coordinator: Dr. Sayed Abdel- Khaleaa
Signature:
Date: September 2020

Annual Course Report
Academic year 2019-2020

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

55- No. of students attending the course: (according to Fall &spring semesters)	**No.**	316	100	**%**
56- No. of students completing the course: (according to Fall &spring semesters)	**No.**	313	97.2	**%**

57- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	1	1	2	23	3	28
Spring				313	3	316
Summer			4	3		7
Sum	1	1	6	339	6	351
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	
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	Introduction to shop drawings – semi project	2	4		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	6	0	
13	Revision	2	4		6	6	6	
14	Project final submission (on line)	2	4		6	6	0	
15	Mega quiz (on line)	2	4		6	0	0	
	Total hours	30	60		90	66	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 for academic year 2021 – 2022

Actions required	Completion date	Person responsible
Introducing some new topics in the scientific content, such as interactive interfaces and smart architecture	Oct. 2020	Dr.Azza Gamal

Course coordinator: Dr. Azza Gamal
Signature:
Date: 21/9/2020

Annual Course Report
Academic year 2019-2020
(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. Doaa Abd El Latif
6- Course coordinator: Dr. Doaa Abd El Latif
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.**	39	86.9	%

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	14	17	7	1	1	40
Spring						
Summer						
Sum	14	17	7	1	1	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: Dr. Doaa Abd El Latif
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**
29.		
30.		

Course coordinator: Dr. Doaa Abd El Latif
Signature:
Date: September 2020

Annual Course Report
Academic year 2019-2020
(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. Shahinaz El Tayaa
6- Course coordinator: Dr. Shahinaz El Tayaa
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	342	100	%
2- No. of students completing the course:	**No.**	340	99.5	%

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	76	164	79	21	2	342
Spring	-	-	-	8	-	8
Summer	-	3	3	4	-	10
Sum	76	167	82	33	2	360
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. 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
(y) Non		

10- Action plan

Actions required	Completion date	Person responsible
1.		
2.		

Course coordinator: Dr. Shahinaz El Tayaa
Signature:
Date: September 202

Annual Course Report
Academic year 2019-2020

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. Azza Gamal
6- Course coordinator: Dr. Azza Gamal
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.
• Meaning & purpose of modular coordination – An Introductionn	2			2	2		
• Measuring units & Measurement	2			2	2		
• modular coordination& Modules	2			2	2		
• Modules Types & its applications	2			2	2		
• Le Corbosier Module	2			2	2		
• Modular coordination & mass production	2			2	2		
• Mid-Term Exam	2			2	2		
• Application on Standardization process	2			2	2		
• Construction by Precast concrete units	2			2	2		
• Steel Construction	2			2	2		
• Timber Construction	2			2	2		

• Organization for Standardization & Quality control	2			2	2		
• ISO Standards	2			2	2		
• ISO Standards	2			2	2		
• Research Presentations	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:

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. Azza Gamal
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. Azza Gamal
Signature:
Date: September 2020

Annual Course Report
Academic year 2019-2020
(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. Moutaz Elbaz
6- Course coordinator: Dr. Moutaz Elbaz
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	395	100	**%**
2- No. of students completing the course:	**No.**	392	91.5	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	207	101	52	8	3	395
Spring		1	1	1		3
Summer	1	1	1			3
Sum	208	103	54	9	3	401
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	2	2
• Project management Knowledge Area 1	2			2	2	2	2
• Project management Knowledge Area 2	2			2	2	2	2
• Quiz 1	2			2	2	2	2
• Construction Project Planning	2			2	2	2	2
• Cost & resources management	2			2	2	2	2
• Mid term	2			2	2	2	2

• Project Planning Techniques 1	2			2	2	2	2
• Project Planning Techniques 2	2			2	2	2	2
• Project Planning Techniques 3	2			2	2	2	0
• Resources leveling and crashing	2			2	2	2	0
• Microsoft project introduction	2			2	2	0	0
• Microsoft project Practice	2			2	0	0	0
• Project Discussion	2			2	0	0	0
• Quiz 2 and open discussion	2			2	2	0	0
Total hours	**30**				**26**	**22**	**18**

- 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. Moutaz Elbaz
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
31. Preparing a new course book	To be determined in agreement with the architecture engineering and building Technology Dpt.	Dr. Moutaz Elbaz

Course coordinator: Dr. Moutaz Elbaz
Signature:
Date: August 2021

Annual Course Report

Academic year 2019-2020

(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.**	20	100 %
2- No. of students completing the course:	**No.**	19	99.5 %

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall		6	7	6	1	20
Spring						
Summer						
Sum		6	7	6	1	20
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 2020

Annual Course Report
Academic year 2019-2020
(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 2020

Annual Course Report

Academic year 2019-2020

(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. Mehad Omara
6- Course coordinator: Dr. Mehad Omara
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	96	- %
2- No. of students completing the course:	**No.**	96	- %

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	1		1	1		3
Spring	20	22	3	43		96
Summer						
Sum	21	22	4	44		99

C- Professional Information

1. Contents

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

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. Mehad Omara

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. Mehad Omara
Signature:
Date: September 2020

Annual Course Report
Academic year 2019-2020
(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. Aya Ezzat
6- Course coordinator: Dr. Aya Ezzat
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	366	100	**%**
2- No. of students completing the course:	**No.**	365	100	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	7	1	-	-	-	8
Spring	3	2	2	358	1	366
Summer	21	48	33	10	5	117
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. Aya Ezzat

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. Aya Ezzat
Signature:
Date: September 2020

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 2019-2020

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: Dr. Mohammed Thabat
6- Course coordinator: Dr. Mohammed Thabat
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	354	100	**%**
2- No. of students completing the course:	**No.**	353	99.7	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	60	124	119	40	1	354
Spring		1	3	37	5	46
Summer				1		1
Sum	60	125	122	78	6	401
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: 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
1. 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
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: Dr. Mohammed Thabat

Signature:
Date: September 2020

Annual Course Report
Academic year 2019-2020

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 . Shahinaz El Tayiaa
6- Course coordinator: Dr . Shahinaz El Tayiaa
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	323	100	%
2- No. of students completing the course:	**No.**	322	99.45	%

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	8	64	13	111	4	323
Spring		1	6	21	1	29
Summer	1	1	3	3		8
Sum	9	66	22	135	5	360
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 . Shahinaz El Tayiaa
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 . Shahinaz El Tayiaa
Signature:
Date: September 2020

Annual Course Report
Academic year 2019-2020

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 .Nahed Omran
6- Course coordinator: Dr .Nahed Omran -Dr . Gehad Naser.
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	281	100	**%**
2- No. of students completing the course:	**No.**	275	98	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	46	41	17	6	1	111
Spring	9	20	97	149	6	281
Summer	112	83	13	3	1	212
Sum	167	144	127	158	8	604
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 .Nahed Omran -Dr . Gehad Naser.
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. Nahed Omran

Signature:
Date: September 2020

Annual Course Report
Academic year 2019-2020

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
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	195	100 %
2- No. of students completing the course:	**No.**	194	99,68 %

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	13	25	18	30	6	92
Spring	31	65	47	51	1	195
Summer	1	1	1	4	1	8
Sum	45	91	66	85	8	295
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		
• Project Determination and Preparing software	1	3		4	4		
• . Layout Working Drawing studies	1	3		4	4		
• Plans (advanced working Drawings studies).	1	3		4	4		
• Advanced structure systems	1	3		4	4		
• (meshes – trusses – shell -cables-space structures)	1	3		4	4		
• Advanced Escalators , Stairs and Elevators designing and construction studies	1	3		4	4		

• Methods of choosing and applying advanced finishing materials using (green materials)	1	3		4	4		
• Special doors "revolving – sliding – electrical ....."& Windows (Curtain walls - aluminum glassing systems)	1	3		4	4		
• Sections (advanced working drawing studies) .	1	3		4	4		
• Advanced roofing and skylight systems	1	3		4	4		
• Theater and cinema design in plan and section	1	3		4	4		
• Sport and lecture halls (vision – sound – light – A. C.)	1	3		4	4		
• Elevations for complex and high-tech 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:

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 2020

Annual Course Report
Academic year 2019-2020

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. Said Abd Elkhalek
6- Course coordinator: Dr. Said Abd Elkhalek
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.**	374	99.5	%

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	65	165	105	39	1	375
Spring		3	6	14		23
Summer		1	2	1		4
Sum	65	169	113	54	1	402
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-Building Regulations	2			2	2	2	
• 3-Legislations& rules for Building	2			2	2	2	
• 4-Regulations for urban planning	2			2	2	2	
• 5-Legislations for urban planning	2			2	2	2	
• 6-Rules for urban planning	2			2	2	2	
• 7-Mid-term exam	2			2	2	2	
• 8-The architects' legal responsibilities	2			2	2	2	
• 9-The contractors' legal responsibilities.	2			2	2	2	

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

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 2020

Annual Course Report
Academic year 2019-2020

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: Dr . ingy shwkat
6- Course coordinator: Dr ingy shwkat
7- External evaluator: Non

B- Statistical Information

1- No. of students attending the course:	**No.**	364	100	%
2- No. of students completing the course:	**No.**	354	100	%

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	44	165	116	21		354
Spring		1	4	34	1	40
Summer		1	3	2		6
Sum	44	167	123	57	1	400
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: Dr . ingy shwkat
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: Dr . Ingy shwkat
Signature:
Date: September 2020

Annual Course Report
Academic year 2019-2020

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.**	302	100 %
2- No. of students completing the course:	**No.**	299	99 %

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	6	7	4	2		19
Spring	111	94	45	49	3	302
Summer	27	63	41	21	2	166
Sum	144	163	90	72	5	487
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
• 2- Urban Conservation of Heritage sites.	2			2	2	2	2
• 3- Issues and problems facing heritage sites	2			2	2	2	2
• 4-Concept of value in heritage conservation							
• 5- The role of international institutions.	2			2	2	2	2
• 6- A critical review of international restoration & conservation charters	2			2	2	2	2
• 7-Mid-Term Exam	2			2	2	2	2

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

10- Action plan

Actions required	Completion date	Person responsible
14. 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
15. 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 2020

Annual Course Report
Academic year 2019-2020

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.**	404	100	**%**
2- No. of students completing the course:	**No.**	391	96.7	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	66	116	114	95	13	404
Spring	1	6	5	56	8	76
Summer	1		3	1		5
Sum	68	122	122	152	21	485
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
(II) Non		

10- Action plan

Actions required	Completion date	Person responsible
16.		
17.		

Course coordinator: Dr. Hossam Moftah
Signature:
Date: September 2020

Annual Course Report
Academic year 2019-2020

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. Nevine Gado

6- Course coordinator: Dr. Nevine Gado
7- External evaluator: None

B- Statistical Information

4-	**No. of students attending the course:**	**No.**	237	100 **%**
5-	**No. of students completing the course:**	**No.**	230	97 **%**
6-	**Final Results**			

Semester/Grade	A	B	C	D	F	Total
Fall	31	50	78	71	7	237
Spring	1	1	8	15	1	26
Summer	6	19	37	142	6	213
Sum	38	70	123	228	14	476
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	

Week	Topic	Lecture	Tutorial	Practical	Total	Actual		
						Fall	Spr.	Sum.
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	
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

Week	Topic	Lecture	Tutorial	Practical	Total	Actual		
						Fall	Spr.	Sum.
Mid-Term Exam		10			10			
Total		100			100			

Members of examination committee: Dr. Nevine Gado
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
Book Update	Oct. 2020	

10- Action plan for academic year 2019 – 2020

Actions required	Completion date	Person responsible
None	Sept. 2021	Nevine Gado

Course coordinator: Dr. Nevine Gado
Signature: Dr. Nevine Gado
Date: September 25, 20

Annual Course Report
Academic year 2019-2020

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.**	46	100	**%**
2- No. of students completing the course:	**No.**	41	89	**%**

3- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall		5	12	24	5	46
Spring	5	11	10	20	1	47
Summer						
Sum	5	16	22	44	6	93
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	2	
Channels of Architectural Aesthetics	2			2	2	2	
Introduction (spatial-tension-intterlocking-harmony-gradtion-contrast)	2			2	2	2	
Formal approachinl (dominance - regetition balance)	2			2	2	2	
Values and order for Architectural Aesthetics	2			2	2	2	
Unity and continuity	2			2	2	2	
Mid d term Exam							

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

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
(mm) Non		

10- Action plan

Actions required	**Completion date**	**Person responsible**
18.		
19.		

Course coordinator: Dr. Amira Mostafa
Signature:
Date: September 2020

Annual Course Report
Academic year 2020-2021

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. Islam hamdy
7- External evaluator: None

B- Statistical Information

58- No. of students attending the course:	**No.**	378	100	**%**
59- No. of students completing the course:	**No.**	377	100	**%**

60- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall	15		1			16
Spring	259	45	17	56	1	378
Summer						
Sum	274	45	18	56	1	394
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. 2020	Done

10- Action plan for academic year 2019 – 2020

Actions required	Completion date	Person responsible
None		

Course coordinator: Dr. Islam Hamdy
Signature:
Date: September 2020

Annual Course Report
Academic year 2020-2021

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. Moataz Bellah

6- Course coordinator: Dr. Moataz Bellah

7- External evaluator: None

B- Statistical Information

61- No. of students attending the course:	**No.**	308	100	**%**
62- No. of students completing the course:	**No.**	305	99	**%**

63- Final Results

Semester/Grade	A	B	C	D	F	Total
Fall						
Spring	68	98	61	77	3	308
Summer	4	5	3	5	-	17
Sum	72	103	64	82	3	315
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. 2020	

10- Action plan for academic year 2019 – 2020

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

Course coordinator: Dr. El Moataz Bellah
Signature:
Date: September 2020