

# Architecture Engineering and Building Technology B.Sc.

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## Annual Report By-Law 2012

2020-2021

## Annual Course Report Academic year 2020-2021

### 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.      

|    |     |   |
|----|-----|---|
| 25 | 100 | % |
|----|-----|---|

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

|   |       |   |
|---|-------|---|
| 7 | 30.43 | % |
|---|-------|---|

  
 3- Final Results

| Semester/Grade | A | B | C  | D | F  | Total |
|----------------|---|---|----|---|----|-------|
| Fall           | 0 | 0 | 2  | 5 | 16 | 23    |
| Spring         | 0 | 2 | 8  | 3 | 2  | 15    |
| Summer         | 0 | 0 | 0  | 0 |    | 0     |
| Sum            | 0 | 2 | 10 | 8 |    | 38    |
| 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      |      |      |
| • Sequence of Building Construction.                             | 2             | 3              | -               | 5     | 5      |      |      |
| • Construction Systems: Bearing walls.                           | 2             | 3              | -               | 5     | 5      |      |      |
| • Construction Systems: Skeleton Construction.                   | 2             | 3              | -               | 5     | 5      |      |      |
| • Foundations: Surface foundations.                              | 2             | 3              | -               | 5     | 5      |      |      |
| • Foundations: Deep foundations.                                 | 2             | 3              | -               | 5     | 5      |      |      |
| • Mid Term Exam (M. T1).                                         | 2             | 3              | -               | 5     | 5      |      |      |
| • Brick walls: Types of brick & mortar                           | 2             | 3              | -               | 5     | 5      |      |      |
| • Brick wall bonding: English Bond & Flemish Bond.               | 2             | 3              | -               | 5     | 5      |      |      |
| • Masonry walls: Classifications of stones – walling philosophy. | 2             | 3              | -               | 5     | 5      |      |      |

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

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: Non
- If any topics were taught which are not specified, give reasons in detail: Non
- 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 2021

## Annual Course Report Academic year 2020-2021

### 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.      

|    |     |   |
|----|-----|---|
| 19 | 100 | % |
|----|-----|---|

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

|    |       |   |
|----|-------|---|
| 18 | 94.74 | % |
|----|-------|---|

  
 6- Final Results

| Semester/Grade | A | B | C  | D  | F | Total |
|----------------|---|---|----|----|---|-------|
| Fall           | 0 | 2 | 10 | 6  | 1 | 19    |
| Spring         | 2 | 2 | 1  | 4  | 3 | 12    |
| Summer         | 0 | 0 | 0  | 0  |   | 0     |
| Sum            | 2 | 4 | 11 | 10 |   | 31    |
| 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          |  |
| <b>Total hours</b>                            | <b>15</b> | <b>90</b> | <b>-</b> | <b>105</b> | <b>105</b> | <b>105</b> |  |

- 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 2021

## Annual Course Report Academic year 2020-2021

### 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   | % |
| No. | 85  | 81.37 | % |
- 2- No. of students completing the course: 

|     |    |       |   |
|-----|----|-------|---|
| No. | 85 | 81.37 | % |
|-----|----|-------|---|
- 3- Final Results

| Semester/Grade | A | B  | C  | D  | F  | Total |
|----------------|---|----|----|----|----|-------|
| Fall           | 4 | 11 | 29 | 41 | 19 | 104   |
| Spring         | 0 |    | 0  | 0  |    | 0     |
| Summer         | 0 |    | 0  | 0  |    | 0     |
| Sum            | 4 | 11 | 29 | 41 |    | 104   |
| Percentage     |   |    |    |    |    |       |

### C- Professional Information

#### 1. Contents

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



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

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: 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 2021

## Annual Course Report Academic year 2020-2021

### 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. | 31 | 100 | % |
|-----|----|-----|---|
- 2- No. of students completing the course: 

|     |    |       |   |
|-----|----|-------|---|
| No. | 26 | 83.87 | % |
|-----|----|-------|---|
- 3- Final Results

| Semester/Grade | A | B | C | D  | F | Total |
|----------------|---|---|---|----|---|-------|
| Fall           | 4 | 7 | 9 | 11 |   | 31    |
| Spring         | 0 |   | 0 | 0  |   | 0     |
| Summer         | 3 | 2 | 0 | 0  |   | 0     |
| Sum            | 7 | 9 | 9 | 11 |   | 36    |
| 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          |  |
| <b>Total hours</b>                       | <b>30</b> | <b>45</b> | <b>30</b> | <b>105</b> | <b>105</b> | <b>105</b> |  |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: Non
- If any topics were taught which are not specified, give reasons in detail: Non
- 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 2021

## Annual Course Report Academic year 2020-2021

### 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.      

|    |     |   |
|----|-----|---|
| 74 | 100 | % |
|----|-----|---|

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

|    |       |   |
|----|-------|---|
| 57 | 77.03 | % |
|----|-------|---|

  
 3- Final Results

| Semester/Grade | A | B  | C  | D  | F  | Total |
|----------------|---|----|----|----|----|-------|
| Fall           | 1 | 11 | 17 | 28 | 17 | 74    |
| Spring         | 0 |    | 0  | 0  |    | 0     |
| Summer         | 0 |    | 0  | 0  |    | 0     |
| Sum            | 1 | 11 | 17 | 28 |    | 74    |
| 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         |  |  |
| <b>Total hours</b>                                                                 | <b>30</b> | <b>-</b> | <b>-</b> | <b>30</b> | <b>28</b> |  |  |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: Non
- If any topics were taught which are not specified, give reasons in detail: Non
- 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 2021



## Annual Course Report Academic year 2020-2021

### 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 – 3<sup>rd</sup> 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. | 41 | 100 | % |
|-----|----|-----|---|

2- No. of students completing the course:

|     |    |     |   |
|-----|----|-----|---|
| No. | 41 | 100 | % |
|-----|----|-----|---|

3- Final Results

| Semester/Grade | A  | B  | C  | D | F | Total |
|----------------|----|----|----|---|---|-------|
| Fall           | 16 | 14 | 10 | 1 |   | 41    |
| Spring         | 4  | 1  | 1  | 0 |   | 6     |
| Summer         | 0  | 0  | 0  | 0 |   | 0     |
| Sum            | 20 | 15 | 11 | 1 |   | 47    |
| 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         | -        |
| <b>Total hours</b>  | <b>30</b> | <b>45</b> | <b>-</b> |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: Non
- If any topics were taught which are not specified, give reasons in detail: Non
- 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 2021

## Annual Course Report Academic year 2020-2021

### 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. | 59 | 100  | % |
| 2- No. of students completing the course: | No. | 52 | 88.1 | % |
| 3- Final Results                          |     |    |      |   |

| Semester/Grade | A     | B     | C     | D     | F     | Total |
|----------------|-------|-------|-------|-------|-------|-------|
| Fall           | 11.86 | 13.59 | 49.14 | 13.55 | 11.86 | 100   |
| 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            | 11.86 | 13.55 | 49.14 | 13.55 | 11.86 | 100   |
| Percentage     | 11.86 | 13.55 | 49.14 | 13.55 | 11.86 | 100   |

### 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         |      |      |
|      | <b>Total hours</b>                                                        | <b>11</b> | <b>33</b> | <b>0</b>  | <b>44</b> | <b>44</b> |      |      |

- **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:

|                                    |                                                       |
|------------------------------------|-------------------------------------------------------|
| <b>Lectures:</b>                   | Lecture, tutorials, General criticism & presentations |
| <b>Class activity</b>              | sketching                                             |
| <b>Case Study:</b>                 | Free architecture sketching                           |
| <b>Other assignments/homework:</b> | 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 reason 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 2020-2021

### 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 – 4<sup>th</sup> 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.      

|    |     |   |
|----|-----|---|
| 23 | 100 | % |
|----|-----|---|

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

|   |       |   |
|---|-------|---|
| 7 | 30.43 | % |
|---|-------|---|

  
 3- Final Results

| Semester/Grade | A | B | C  | D  | F  | Total |
|----------------|---|---|----|----|----|-------|
| Fall           | 1 | 0 | 2  | 4  | 16 | 23    |
| Spring         | 2 | 2 | 6  | 5  | 5  | 20    |
| Summer         | 0 | 0 | 2  | 7  | 5  | 14    |
| Sum            | 3 | 2 | 10 | 25 | 21 | 61    |
| 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      |      |      |
| • Sequence of Building Construction.                             | 2             | 3              | -               | 5     | 5      |      |      |
| • Construction Systems: Bearing walls.                           | 2             | 3              | -               | 5     | 5      |      |      |
| • Construction Systems: Skeleton Construction.                   | 2             | 3              | -               | 5     | 5      |      |      |
| • Foundations: Surface foundations.                              | 2             | 3              | -               | 5     | 5      |      |      |
| • Foundations: Deep foundations.                                 | 2             | 3              | -               | 5     | 5      |      |      |
| • Mid Term Exam (M. T1).                                         | 2             | 3              | -               | 5     | 5      |      |      |
| • Brick walls: Types of brick & mortar                           | 2             | 3              | -               | 5     | 5      |      |      |
| • Brick wall bonding: English Bond & Flemish Bond.               | 2             | 3              | -               | 5     | 5      |      |      |
| • Masonry walls: Classifications of stones – walling philosophy. | 2             | 3              | -               | 5     | 5      |      |      |



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

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: Non
- If any topics were taught which are not specified, give reasons in detail: Non
- 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 2021

## Annual Course Report Academic year 2020-2021

### 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 – 4<sup>th</sup> 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. 

|    |     |   |
|----|-----|---|
| 17 | 100 | % |
|----|-----|---|
- 2- No. of students completing the course: No. 

|    |       |   |
|----|-------|---|
| 13 | 76.47 | % |
|----|-------|---|
- 3- Final Results

| Semester/Grade | A | B | C  | D  | F  | Total |
|----------------|---|---|----|----|----|-------|
| Fall           | 0 | 2 | 5  | 6  | 4  | 17    |
| Spring         | 0 | 2 | 7  | 4  | 7  | 20    |
| Summer         | 2 | 5 | 6  | 10 |    | 14    |
| Sum            | 2 | 9 | 18 | 20 | 11 | 51    |
| Percentage     |   |   |    |    |    |       |

### C- Professional Information

#### 1. Contents

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

|                                                          |           |           |          |            |            |            |  |
|----------------------------------------------------------|-----------|-----------|----------|------------|------------|------------|--|
| • Development project till final approval                | 1         | 6         | -        | 7          | 7          | 7          |  |
| • Representing project by digital media or manual method | 1         | 6         | -        | 7          | 7          | 7          |  |
| • Representing project by digital media or manual method | 1         | 6         | -        | 7          | 7          | 7          |  |
| • Representing final project , jury                      | 1         | 6         | -        | 7          | 7          | 7          |  |
| <b>Total hours</b>                                       | <b>15</b> | <b>90</b> | <b>-</b> | <b>105</b> | <b>105</b> | <b>105</b> |  |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: Non
- If any topics were taught which are not specified, give reasons in detail: Non
- 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 2021

## Annual Course Report Academic year 2020-2021

### 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 – 4<sup>th</sup> 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. | 51 | 100 | % |
|-----|----|-----|---|
- 2- No. of students completing the course: 

|     |    |       |   |
|-----|----|-------|---|
| No. | 45 | 88.24 | % |
|-----|----|-------|---|
- 3- Final Results

| Semester/Grade | A | B | C  | D | F | Total |
|----------------|---|---|----|---|---|-------|
| Fall           |   |   | 1  |   |   | 1     |
| Spring         | 5 | 5 | 15 |   | 6 | 31    |
| Summer         | 1 | 2 | 0  | 0 |   | 3     |
| Sum            | 6 | 7 | 16 | 0 |   | 35    |
| Percentage     |   |   |    |   |   |       |

### C- Professional Information

#### 1. Contents

| Topic                                                                                                   | Lecture hours | Tutorial hours | Practical hours | Total | Actual |      |      |
|---------------------------------------------------------------------------------------------------------|---------------|----------------|-----------------|-------|--------|------|------|
|                                                                                                         |               |                |                 |       | Fall   | Spr. | Sum. |
| • Introduction : about history of architecture <u>Prehistoric</u> architecture: <u>Ancient Egyptian</u> | 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      |      |      |
| • <u>The Hellenistic Architecture</u> :                                                                 | 2             | -              | -               | 2     | 2      |      |      |
| • Mid Term Exam                                                                                         | 2             | -              | -               | 2     | 2      |      |      |
| • <u>Greek Architecture</u> : Character and Features                                                    | 2             | -              | -               | 2     | 2      |      |      |

|                                                              |           |          |          |           |           |  |  |
|--------------------------------------------------------------|-----------|----------|----------|-----------|-----------|--|--|
| • The Greek Columns ,Temples, Buildings                      | 2         | -        | -        | 2         | 2         |  |  |
| • <u>The Roman Architecture</u> : 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         |  |  |
| <b>Total hours</b>                                           | <b>30</b> | <b>-</b> | <b>-</b> | <b>30</b> | <b>30</b> |  |  |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: 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 2021



## Annual Course Report Academic year 2020-2021

### 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 – 4<sup>th</sup> 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. | 54 | 100 | % |
|-----|----|-----|---|
- 2- No. of students completing the course: 

|     |    |      |   |
|-----|----|------|---|
| No. | 52 | 96.3 | % |
|-----|----|------|---|
- 3- Final Results

| Semester/Grade | A  | B  | C  | D | F | Total |
|----------------|----|----|----|---|---|-------|
| Fall           | 0  | 0  | 0  | 0 |   | 0     |
| Spring         | 16 | 17 | 13 | 6 | 2 | 54    |
| Summer         | 0  | 0  | 0  | 0 |   | 0     |
| Sum            | 16 | 17 | 13 | 6 |   | 54    |
| 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         |
| <b>Total hours</b> | <b>15</b> | <b>15</b> | <b>30</b> |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: 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 2021

## Annual Course Report Academic year 2020-2021

### 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 – 4<sup>th</sup> 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.      

|    |     |   |
|----|-----|---|
| 34 | 100 | % |
|----|-----|---|

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

|    |       |   |
|----|-------|---|
| 26 | 76.47 | % |
|----|-------|---|

  
 3- Final Results

| Semester/Grade | A | B | C | D  | F | Total |
|----------------|---|---|---|----|---|-------|
| Fall           | 0 | 0 | 0 | 0  |   | 0     |
| Spring         | 5 | 6 | 3 | 12 | 8 | 34    |
| Summer         | 0 |   | 0 | 0  |   | 0     |
| Sum            | 5 | 6 | 3 | 12 |   | 34    |
| 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.      | 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                | -        |
| <b>Total hours</b>                                                               | <b>15</b>           | <b>45</b>        | <b>-</b> |
| • Topics taught as a percentage of the content specified:                        | >90 %               | 70-90 %          | <70%     |
| • Reasons in detail for not teaching any topic: Non                              |                     |                  |          |
| • If any topics were taught which are not specified, give reasons in detail: Non |                     |                  |          |
| • 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 2021

## Annual Course Report Academic year 2020-2021

### 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. 

|    |     |   |
|----|-----|---|
| 67 | 100 | % |
|----|-----|---|
- 5- **No. of students completing the course:** No. 

|    |       |   |
|----|-------|---|
| 62 | 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         | 31   | 11   | 12  | 8   | 5   | 67    |
| Summer         | 20.0 | 15.0 | 4   | 2   | 1.0 | 42.0  |
| Sum            | 51   | 26   | 16  | 10  | 6   | 109   |
| Percentage     |      |      |     |     |     | 100   |

### 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    | -    |

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

- **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:

|                                    |                                                       |
|------------------------------------|-------------------------------------------------------|
| <b>Lectures:</b>                   | Lecture, tutorials, General criticism & presentations |
| <b>Class activity</b>              | sketching                                             |
| <b>Case Study:</b>                 | architectural sketching                               |
| <b>Other assignments/homework:</b> | 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 reason 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

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 2020-2021

### 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. | 58 | 100   | % |
| 8- No. of students completing the course: | No. | 46 | 79.31 | % |

9- Final Results

| Semester/Grade | A | B | C  | D  | F  | Total |
|----------------|---|---|----|----|----|-------|
| Fall           | 0 | 1 | 1  | 22 | 22 | 46    |
| Spring         | 4 | 4 | 9  | 3  | 13 | 33    |
| Summer         |   |   | 1  |    |    | 1     |
| Sum            | 4 | 5 | 11 | 25 | 35 | 80    |
| 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     |        |      |      |
| Waterproofing – Heat, sound and Radiation Insulations (Methods -Types- Materials).    | 2             | 3              |                 | 5     |        |      |      |
| Insulation Layers and Applying methods.                                               | 2             | 3              |                 | 5     |        |      |      |
| Expansion, Settlement and Material Joints. (Floors-Roofs-Walls...) .                  | 2             | 3              |                 | 5     |        |      |      |
| Walls and Floors ( Interior& Exterior) (Finishing Materials, Plaster, painting).      | 2             | 3              |                 | 5     |        |      |      |
| Stairs (Design–Types-Specifications and Construction).                                | 2             | 3              |                 | 5     |        |      |      |
| Mid-Term Exam                                                                         |               |                |                 | 5     |        |      |      |
| Reinforced Concrete Stairs (Details)- Handrail – Finishing Materials                  | 2             | 3              |                 | 5     |        |      |      |
| Wood ( introduction–types–use in buildings)                                           | 2             | 3              |                 | 5     |        |      |      |
| Wooden Work & Products Design and Drawing basics (Joist sizes - Joints- accessories). | 2             | 3              |                 | 5     |        |      |      |
| Wooden Doors ( Interior& Exterior) (Frames, Stock and Hardware).                      | 2             | 3              |                 | 5     |        |      |      |

|                                                |           |           |          |           |  |  |
|------------------------------------------------|-----------|-----------|----------|-----------|--|--|
| Wooden doors Details (Solid Molded, Slat ).    | 2         | 3         |          | 5         |  |  |
| Wood doors Details (Paneled, Flush doors).     | 2         | 3         |          | 5         |  |  |
| Wood doors Details (Doors Hardware Equipment). | 2         | 3         |          | 5         |  |  |
| Revision: .....Revision                        | 2         | 3         |          | 5         |  |  |
| <b>Total hours</b>                             | <b>30</b> | <b>45</b> | <b>0</b> | <b>75</b> |  |  |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: **Non**
- If any topics were taught which are not specified, give reasons in detail: **Non**
- 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        | <b>Yes</b> |
| 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 2021

## Annual Course Report Academic year 2020-2021

### 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. | 144 | 100   | % |
| 11- No. of students completing the course: | No. | 137 | 95.14 | % |

#### 12- Final Results

| Semester/Grade | A  | B  | C  | D  | F | Total |
|----------------|----|----|----|----|---|-------|
| Fall           | 45 | 28 | 43 | 14 | 7 | 137   |
| Spring         | 4  |    | 4  | 1  | 1 | 10    |
| Summer         | 3  | 1  |    |    |   | 4     |
| Sum            | 52 | 29 | 47 | 15 | 8 | 151   |
| Percentage     |    |    |    |    |   | 100.0 |

### C- Professional Information

#### 1. Contents

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

| Total hours                                                                                                                                                                                                                                                                                                                                        |           | 30                 | 0            | 0 | 30 | 30 |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------|--------------|---|----|----|--|--|
| <ul style="list-style-type: none"> <li>Topics taught as a percentage of the content specified: &gt;90 % 70-90 % &lt;70%</li> <li>Reasons in detail for not teaching any topic: Non</li> <li>If any topics were taught which are not specified, give reasons in detail: Non</li> <li>Achieved program intended learning outcomes, ILO's:</li> </ul> |           |                    |              |   |    |    |  |  |
| 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 2021

## Annual Course Report Academic year 2020-2021

### 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. | 75 | 100   | % |
| 14- No. of students completing the course: | No. | 70 | 93.33 | % |

#### 15- Final Results

| Semester/Grade    | A        | B         | C         | D         | F         | Total        |
|-------------------|----------|-----------|-----------|-----------|-----------|--------------|
| Fall              | 2        | 16        | 20        | 20        | 12        | 70           |
| Spring            | 0        | 6         | 7         | 6         | 0         | 19           |
| Summer            |          |           |           |           |           |              |
| <b>Sum</b>        | <b>2</b> | <b>22</b> | <b>27</b> | <b>26</b> | <b>12</b> | <b>89</b>    |
| <b>Percentage</b> |          |           |           |           |           | <b>100.0</b> |

### C- Professional Information

#### 1. Contents

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

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: [Non](#)

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

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) | <b>Non</b> |                         |

### 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 Zakaria

Signature:

Date: September 2021

## Annual Course Report Academic year 2020-2021

### 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. | 150 | 100   | % |
| 17- No. of students completing the course: | No. | 144 | 96.00 | % |

#### 18- Final Results

| Semester/Grade | A  | B  | C  | D  | F  | Total |
|----------------|----|----|----|----|----|-------|
| Fall           | 12 | 33 | 41 | 33 | 25 | 144   |
| Spring         | 0  | 2  | 6  | 7  | 1  | 16    |
| Summer         | 5  |    | 1  |    |    | 6     |
| Sum            | 17 | 35 | 48 | 40 | 26 | 166   |
| 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         |  |  |
| <b>Total hours</b>              | <b>30</b> | <b>0</b> | <b>0</b> | <b>30</b> | <b>30</b> |  |  |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: 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,<br>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 2021

## Annual Course Report Academic year 2020-2021

### 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. | 47 | 100 | % |
|-----|----|-----|---|

20- No. of students completing the course:

|     |    |       |   |
|-----|----|-------|---|
| No. | 43 | 91.49 | % |
|-----|----|-------|---|

21- Final Results

| Semester/Grade | A | B  | C | D  | F  | Total |
|----------------|---|----|---|----|----|-------|
| Fall           | 3 | 7  | 3 | 14 | 16 | 43    |
| Spring         | 0 | 3  | 2 | 0  | 1  | 6     |
| Summer         | 2 |    | 2 | 2  | 2  | 8     |
| Sum            | 5 | 10 | 7 | 16 | 19 | 57    |
| 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              |                 |       |        |      |      |
| Design fundamentals for concrete structures.         | 2             | 1              |                 |       |        |      |      |
| Analysis and design of sections under bending moment | 2             | 1              |                 |       |        |      |      |
| Load distribution                                    | 2             | 1              |                 |       |        |      |      |
| Details of beams' reinforcement                      | 2             | 1              |                 |       |        |      |      |
| Solid slabs.                                         | 2             | 1              |                 |       |        |      |      |
| Mid-Term Exam                                        |               |                |                 |       |        |      |      |
| Stairs- Columns.                                     | 2             | 1              |                 |       |        |      |      |
| Special slabs.                                       | 2             | 1              |                 |       |        |      |      |
| Design fundamentals of steel structures.             | 2             | 1              |                 |       |        |      |      |
| Details for trusses.                                 | 2             | 1              |                 |       |        |      |      |
| Details for steel frames                             | 2             | 1              |                 |       |        |      |      |
| Design of columns                                    | 2             | 1              |                 |       |        |      |      |
| Design o beams                                       | 2             | 1              |                 |       |        |      |      |
| Design of connections                                | 2             |                |                 |       |        |      |      |
| <b>Total hours</b>                                   | <b>30</b>     | <b>45</b>      | <b>0</b>        |       |        |      |      |

- Topics taught as a percentage of the content specified:

>90 %
70-90 %
<70%



- Reasons in detail for not teaching any topic: Non
- If any topics were taught which are not specified, give reasons in detail: Non
- 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 2021

## Annual Course Report Academic year 2020-2021

### 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. | 89 | 100   | % |
| 23- No. of students completing the course: | No. | 84 | 94.38 | % |

#### 24- Final Results

| Semester/Grade | A  | B | C  | D  | F | Total |
|----------------|----|---|----|----|---|-------|
| Fall           | 13 | 8 | 23 | 32 | 8 | 84    |
| Spring         |    |   |    |    |   |       |
| Summer         |    |   |    |    |   |       |
| Sum            | 13 | 8 | 23 | 32 | 8 | 84    |
| 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         |      |      |
| Educational building | 2             |                |                 | 2         | 2         |      |      |
| Educational building | 2             |                |                 | 2         | 2         |      |      |
| office building      | 2             |                |                 | 2         | 2         |      |      |
| hotels               | 2             |                |                 | 2         | 2         |      |      |
| Commercial buildings | 2             |                |                 | 2         | 2         |      |      |
| Mid-Term Exam        |               |                |                 |           |           |      |      |
| Restaurants          | 2             |                |                 | 2         | 2         |      |      |
| Restaurants          | 2             |                |                 | 2         | 2         |      |      |
| Theatres             | 2             |                |                 | 2         | 2         |      |      |
| Theatres             | 2             |                |                 | 2         | 2         |      |      |
| Museum               | 2             |                |                 | 2         | 2         |      |      |
| Hospitals – parking  | 2             |                |                 | 2         | 2         |      |      |
| architectural themes | 2             |                |                 | 2         | 2         |      |      |
| architectural themes | 2             |                |                 | 2         | 2         |      |      |
| <b>Total hours</b>   | <b>30</b>     | <b>0</b>       | <b>0</b>        | <b>30</b> | <b>30</b> |      |      |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: [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 2021

**ARC 326 History & Theory of Planning**  
**Annual Course Report**  
**Academic year 2020-2021**

**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. | 109 | 100   | % |
| 26- No. of students completing the course: | No. | 102 | 93.58 | % |

27- **Final Results**

| Semester/Grade | A  | B  | C  | D  | F  | Total |
|----------------|----|----|----|----|----|-------|
| Fall           | 26 | 27 | 25 | 14 | 10 | 102   |
| Spring         |    |    |    |    |    |       |
| Summer         | 8  | 12 | 11 | 2  |    | 33    |
| Sum            | 33 | 39 | 36 | 16 | 10 | 135   |
| Percentage     |    |    |    |    |    | 100.0 |

**C- Professional Information**

**1. Contents**

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

|             |    |   |   |    |    |  |  |
|-------------|----|---|---|----|----|--|--|
| Total hours | 30 | 0 | 0 | 30 | 30 |  |  |
|-------------|----|---|---|----|----|--|--|

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

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

## 2- Teaching and learning methods:

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

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

## 3- Student assessment:

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

Members of examination committee:

Prof. Dr. Nahed Omran

Role of external evaluator:

Non

## 4- Facilities and teaching materials:

|                         |     |
|-------------------------|-----|
| Totally adequate        | Yes |
| Adequate to some extent |     |
| Inadequate              |     |

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

## 5- Administrative constraints (List any difficulties encountered)

Non

## 6- Student evaluation of the course:

### Questionnaire Results

|            |  |
|------------|--|
| Course     |  |
| Lecturer   |  |
| Assistant  |  |
| Book       |  |
| Assessment |  |
| Laboratory |  |

### Comments

|     | List any criticisms | Response of course team |
|-----|---------------------|-------------------------|
| (a) |                     |                         |

|     |  |  |
|-----|--|--|
| (b) |  |  |
|-----|--|--|

**7- Comments from external evaluator(s):**

|     | Comment | Response of course team |
|-----|---------|-------------------------|
| (a) | Non     |                         |

**8- Written Exam Evaluation**

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

**9- Course enhancement:**

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

|     | Actions required | Planned Completion date | Accomplishment |
|-----|------------------|-------------------------|----------------|
| (g) | Non              |                         |                |

**10- Action plan**

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

Course coordinator: Prof. Dr. Nahed Omran

Signature:

Date: September 2021



## Annual Course Report Academic year 2020-2021

### 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. | 37 | 100   | % |
| 29- No. of students completing the course: | No. | 33 | 89.19 | % |

30- Final Results

| Semester/Grade | A | B  | C  | D  | F  | Total |
|----------------|---|----|----|----|----|-------|
| Fall           | 0 | 4  | 5  | 13 | 11 | 33    |
| Spring         | 0 | 1  | 2  | 10 | 18 | 31    |
| Summer         | 1 | 6  | 14 | 3  |    | 24    |
| Sum            | 1 | 11 | 21 | 26 | 29 | 88    |
| 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      |      |      |
| Steel works(types-sections-materials-usage)                                                 | 2             | 3              |                 | 5     | 5      |      |      |
| Steel connections & welding                                                                 | 2             | 3              |                 | 5     | 5      |      |      |
| Steel columns – frames – beams – roofing – cladding                                         | 2             | 3              |                 | 5     | 5      |      |      |
| Steel stairs ( Design – types – specifications & construction ) and mechanical works        | 2             | 3              |                 | 5     | 5      |      |      |
| Steel doors & windows ( intro – types – usage – joints – accessories – details – equipment) | 2             | 3              |                 | 5     | 5      |      |      |
| Mid-Term Exam                                                                               |               |                |                 | 5     | 5      |      |      |
| Intro in working drawing projects , plans of project with check list & finishing tables     | 2             | 3              |                 | 5     | 5      |      |      |
| Sections of projects                                                                        | 2             | 3              |                 | 5     | 5      |      |      |
| Elevations of project with check list & finishing table                                     | 2             | 3              |                 | 5     | 5      |      |      |

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

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: Non
- If any topics were taught which are not specified, give reasons in detail: Non
- 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 2021

# Modern Academy

for Engineering and Technology in Maadi



## Annual Course Report Academic year 2020-2021

### 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. | 43 | 100   | % |
| 32- No. of students completing the course: | No. | 33 | 76.74 | % |
| 33- Final Results                          |     |    |       |   |

| Semester/Grade | A | B  | C  | D  | F  | Total |
|----------------|---|----|----|----|----|-------|
| Fall           | 2 | 2  | 10 | 8  | 11 | 33    |
| Spring         | 5 | 16 | 17 | 22 | 5  | 65    |
| Summer         | 1 |    | 1  | 1  |    | 3     |
| Sum            | 8 | 18 | 28 | 31 | 16 | 101   |
| 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      |      |      |
| Solid editing in autocad 3d, ucs                                              | 2             | 2              | 2               | 6     | 6      |      |      |
| 3d operations, sweep & loft in autocad                                        | 2             | 2              | 2               | 6     | 6      |      |      |
| Cameras in autocad – modeling shapes .                                        | 2             | 2              | 2               | 6     | 6      |      |      |
| Introduction to 3dmax program interface                                       | 2             | 2              | 2               | 6     | 6      |      |      |
| Creating standard primitives objects in 3d max                                | 2             | 2              | 2               | 6     | 6      |      |      |
| Creating compound objects                                                     |               |                |                 | 6     | 6      |      |      |
| Mid term exam                                                                 | 2             | 2              | 2               | 6     | 6      |      |      |
| Drawing 2d shapes in 3dmax                                                    | 2             | 2              | 2               | 6     | 6      |      |      |
| Modifier list applications                                                    | 2             | 2              | 2               | 6     | 6      |      |      |
| Modifier list applications                                                    | 2             | 2              | 2               | 6     | 6      |      |      |
| Using lights , materials , cameras                                            | 2             | 2              | 2               | 6     | 6      |      |      |
| Using lights , materials , cameras                                            | 2             | 2              | 2               | 6     | 6      |      |      |
| Practical exam                                                                | 2             | 2              | 2               | 6     | 6      |      |      |

|                    |           |           |           |           |           |  |  |
|--------------------|-----------|-----------|-----------|-----------|-----------|--|--|
| Revision           | 2         | 2         | 2         | 6         | 6         |  |  |
| <b>Total hours</b> | <b>30</b> | <b>30</b> | <b>30</b> | <b>90</b> | <b>90</b> |  |  |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: 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 2021

## Annual Course Report Academic year 2020-2021

### 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. | 28 | 100 % |
| 35- No. of students completing the course: | No. | 28 | 100 % |

#### 36- Final Results

| Semester/Grade    | A        | B         | C         | D         | F        | Total        |
|-------------------|----------|-----------|-----------|-----------|----------|--------------|
| Fall              | 0        | 0         | 7         | 19        | 2        | 28           |
| Spring            | 5        | 5         | 16        | 21        | 2        | 49           |
| Summer            | 1        | 7         | 9         | 5         |          | 22           |
| <b>Sum</b>        | <b>6</b> | <b>12</b> | <b>32</b> | <b>45</b> | <b>4</b> | <b>99</b>    |
| <b>Percentage</b> |          |           |           |           |          | <b>100.0</b> |

### C- Professional Information

#### 1. Contents

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

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

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

Role of external evaluator: **Non**

**4- Facilities and teaching materials:**

|                         |            |
|-------------------------|------------|
| Totally adequate        | <b>Yes</b> |
| 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 Zakaria

Signature:

Date: September 2021

## Annual Course Report Academic year 2020-2021

### 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. | 5 | 100 % |
| 38- No. of students completing the course: | No. | 5 | 100 % |

#### 39- Final Results

| Semester/Grade | A | B  | C  | D  | F  | Total |
|----------------|---|----|----|----|----|-------|
| Fall           |   | 1  | 2  | 2  |    | 5     |
| Spring         | 1 | 15 | 10 | 32 | 11 | 69    |
| Summer         | 2 | 7  | 3  | 3  |    | 15    |
| Sum            | 3 | 22 | 13 | 35 | 11 | 84    |
| 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         |  |  |
| <b>Total hours</b>                    | <b>28</b> | <b>42</b> | <b>0</b> | <b>75</b> | <b>75</b> |  |  |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: Non
- If any topics were taught which are not specified, give reasons in detail: Non
- 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 2021

## Annual Course Report Academic year 2020-2021

### 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. | 164 | 100   | % |
| 41- No. of students completing the course: | No. | 157 | 95.73 | % |
| 42- Final Results                          |     |     |       |   |

| Semester/Grade | A  | B  | C  | D  | F | Total |
|----------------|----|----|----|----|---|-------|
| Fall           |    |    |    |    |   |       |
| Spring         | 43 | 68 | 27 | 16 | 3 | 157   |
| Summer         | 4  | 18 | 5  | 11 | 2 | 40    |
| Sum            | 47 | 86 | 32 | 27 | 5 | 197   |
| 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    |      |
| Christian age                                                                                             | 2             |                |                 | 2     |        | 2    |      |
| Christian age                                                                                             | 2             |                |                 | 2     |        | 2    |      |
| Coptic architecture                                                                                       | 2             |                |                 | 2     |        | 2    |      |
| Byzantine architecture                                                                                    | 2             |                |                 | 2     |        | 2    |      |
| Byzantine architecture                                                                                    | 2             |                |                 | 2     |        | 2    |      |
| Mid-Term Exam                                                                                             |               |                |                 |       |        |      |      |
| Romanesque architecture                                                                                   | 2             |                |                 | 2     |        | 2    |      |
| Gothic style in France                                                                                    | 2             |                |                 | 2     |        | 2    |      |
| Gothic style in Italy                                                                                     | 2             |                |                 | 2     |        | 2    |      |
| Gothic style in Europe                                                                                    | 2             |                |                 | 2     |        | 2    |      |
| Digital Presentation of the Final Researches:<br>(Jury) : Staff's Criticism / Evaluation for each Student | 2             |                |                 | 2     |        | 2    |      |
| Digital Presentation of the Final Researches:<br>(Jury) : Staff's Criticism / Evaluation for each Student | 2             |                |                 | 2     |        | 2    |      |
| General introduction for the course                                                                       | 2             |                |                 | 2     |        | 2    |      |

|                    |           |          |          |   |  |   |  |
|--------------------|-----------|----------|----------|---|--|---|--|
| Christian age      | 2         |          |          | 2 |  | 2 |  |
| <b>Total hours</b> | <b>30</b> | <b>0</b> | <b>0</b> |   |  |   |  |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: Non
- If any topics were taught which are not specified, give reasons in detail: Non
- 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 |
|-----|------------------|-------------------------|----------------|
| (l) | Non              |                         |                |

**10- Action plan**

|     | Actions required | Completion date | Person responsible |
|-----|------------------|-----------------|--------------------|
| 11. |                  |                 |                    |
| 12. |                  |                 |                    |

Course coordinator: Dr. Faten Salah

Signature:

Date: September 2021

## Annual Course Report Academic year 2020-2021

### 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. 76 100 %  
 44- No. of students completing the course: No. 64 84.21 %  
 45- Final Results

| Semester/Grade | A  | B  | C  | D  | F  | Total |
|----------------|----|----|----|----|----|-------|
| Fall           |    |    |    |    |    |       |
| Spring         | 3  | 2  | 14 | 28 | 17 | 64    |
| Summer         | 18 | 14 | 10 | 9  | 3  | 52    |
| Sum            | 21 | 16 | 24 | 38 | 20 | 116   |
| Percentage     |    |    |    |    |    | 100.0 |

### 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         |  |
| <b>Total hours</b>                                               | <b>28</b> | <b>14</b> | <b>0</b> | <b>42</b> | <b>42</b> | <b>42</b> |  |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: Non
- If any topics were taught which are not specified, give reasons in detail: Non
- 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 2021

## Annual Course Report Academic year 2020-2021

### 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. | 160 | 100   | % |
| 47- No. of students completing the course: | No. | 141 | 88.13 | % |
| 48- Final Results                          |     |     |       |   |

| Semester/Grade | A  | B  | C  | D  | F | Total |
|----------------|----|----|----|----|---|-------|
| Fall           |    |    |    |    |   |       |
| Spring         | 70 | 39 | 21 | 11 | 0 | 141   |
| Summer         | 7  | 2  |    |    |   | 9     |
| Sum            | 77 | 41 | 21 | 11 | 0 | 150   |
| 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             |                |                 |
| <b>Total hours</b>                                       | <b>28</b>     | <b>0</b>       | <b>0</b>        |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: [Non](#)
- If any topics were taught which are not specified, give reasons in detail: [Non](#)

- 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 2021

## Annual Course Report Academic year 2020-2021

### 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. | 3 | 100 % |
| 50- No. of students completing the course: | No. | 3 | 100 % |

#### 51- Final Results

| Semester/Grade | A  | B   | C   | D  | F  | Total |
|----------------|----|-----|-----|----|----|-------|
| Fall           | 1  | 2   |     |    |    | 3     |
| Spring         | 31 | 99  | 93  | 73 | 12 | 308   |
| Summer         | 3  | 3   | 7   | 4  |    | 22    |
| Sum            | 34 | 102 | 100 | 77 | 12 | 330   |
| 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      |      |      |
| Construction equipment in site                                               | 2             |                |                 | 2     | 2      |      |      |
| Cost analysis(The productivity of the equipment)                             | 2             |                |                 | 2     | 2      |      |      |
| Wrenches wood used in the construction work                                  | 2             |                |                 | 2     | 2      |      |      |
| Different techniques optimizing equipment for best production                | 2             |                |                 | 2     | 2      |      |      |
| Site Planning and preparation for a construction equipment (1).              | 2             |                |                 | 2     | 2      |      |      |
| Site Planning and preparation for a construction equipment (2).              | 2             |                |                 | 2     | 2      |      |      |
| Determining Equipment Costs                                                  | 2             |                |                 | 2     | 2      |      |      |
| Time Schedule                                                                | 2             |                |                 | 2     | 2      |      |      |
| Calculating Equipment Costs                                                  | 2             |                |                 | 2     | 2      |      |      |
| Energy consumed in the construction of buildings                             | 2             |                |                 | 2     | 2      |      |      |
| Elements of the energy consumption in the construction phase of the building | 2             |                |                 | 2     | 2      |      |      |

|                                                                                       |           |          |          |           |           |  |  |
|---------------------------------------------------------------------------------------|-----------|----------|----------|-----------|-----------|--|--|
| Factors affecting the energy consumption at the stage of construction of the building | 2         |          |          | 2         | 2         |  |  |
| Program for construction equipment.                                                   | 2         |          |          | 2         | 2         |  |  |
| Complete construction project                                                         | 2         |          |          | 2         | 2         |  |  |
| <b>Total hours</b>                                                                    | <b>30</b> | <b>0</b> | <b>0</b> | <b>30</b> | <b>30</b> |  |  |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: 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 2021





## 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 2020-2021

### 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.      

|     |      |   |
|-----|------|---|
| 305 | 96.5 | % |
|-----|------|---|

  
 3- Final Results

| Semester/Grade | A  | B   | C   | D   | F  | Total |
|----------------|----|-----|-----|-----|----|-------|
| Fall           | 5  | 42  | 115 | 143 | 11 | 316   |
| Spring         | 0  |     | 9   | 24  | 7  | 40    |
| Summer         |    |     |     |     |    |       |
| Sum            | 5  | 42  | 124 | 167 | 18 | 356   |
| Percentage     | 1% | 12% | 35% | 47% | 0  | 100   |

### C- Professional Information

#### 1. Contents

| Topic                                                                                                                           | Lecture hours | Tutorial hours | Practical hours | Total | Actual |      |      |
|---------------------------------------------------------------------------------------------------------------------------------|---------------|----------------|-----------------|-------|--------|------|------|
|                                                                                                                                 |               |                |                 |       | Fall   | Spr. | Sum. |
| • Introduction to the design 1 <sup>st</sup> project (A type of a project with a complex and multipurpose functions and spaces) | 1             | 6              |                 | 7     | 7      |      |      |
| • Research: relevant architectural data and similar projects either International or local projects.                            | 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 (focuses on designing and formulating project plans)                                                                 | 1             | 6              |                 | 7     | 7      |      |      |

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

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

|                |                               |                                                    |             |
|----------------|-------------------------------|----------------------------------------------------|-------------|
| A4,A11,A13,A23 | B3,B4,B13,B14,B16,B17,B19,B20 | C4. C13. C15<br>. C17. C18 .<br>C19 . C20 .<br>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 2021

## Annual Course Report Academic year 2020-2021

**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, 7<sup>th</sup> 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 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 %  |
| No. | 313 | 98.7 % |

2- No. of students completing the course:

3- Final Results

| Semester/Grade | A   | B   | C   | D   | F | Total |
|----------------|-----|-----|-----|-----|---|-------|
| Fall           | 34  | 171 | 83  | 29  |   | 317   |
| Spring         | 1   | 4   | 8   | 29  | 5 | 47    |
| Summer         | 0   | 0   | 0   | 0   |   | 0     |
| Sum            | 35  | 175 | 91  | 58  |   | 364   |
| Percentage     | 10% | 48% | 25% | 16% |   |       |

**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      |      |      |
| • Thinking methodology                   | 1             | 3              |                 | 4     | 4      |      |      |

|                                                           |           |           |  |           |           |  |  |
|-----------------------------------------------------------|-----------|-----------|--|-----------|-----------|--|--|
| • Thinking methodology                                    | 1         | 3         |  | 4         | 4         |  |  |
| • Site analysis studies                                   | 1         | 3         |  | 4         | 4         |  |  |
| • Site analysis studies ( GIS Application )               | 1         | 3         |  | 4         | 4         |  |  |
| • Following up the project ( GIS Application )            | 1         | 3         |  | 4         | 4         |  |  |
| • Mid-Term Exam                                           | 1         | 3         |  | 4         | 4         |  |  |
| • Following up the project ( GIS Application )            | 1         | 3         |  | 4         | 4         |  |  |
| • Evaluating site analysis studies                        | 1         | 3         |  | 4         | 4         |  |  |
| • Simian on neighbor hoods ( Introducing neighbor hoods ) | 1         | 3         |  | 4         | 4         |  |  |
| • Following up the alternatives + Evaluation              | 1         | 3         |  | 4         | 4         |  |  |
| • Following up the alternatives + Evaluation              | 1         | 3         |  | 4         | 4         |  |  |
| • Evaluating alternatives                                 | 1         | 3         |  | 4         | 4         |  |  |
| • Semi final presentation (Following up the project )     | 1         | 3         |  | 4         | 0         |  |  |
| • Final Presentation                                      | 1         | 3         |  | 4         | 0         |  |  |
| <b>Total hours</b>                                        | <b>15</b> | <b>30</b> |  | <b>60</b> | <b>50</b> |  |  |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: **Non**
- If any topics were taught which are not specified, give reasons in detail: **Non**
- 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 2021



## Annual Course Report Academic year 2020-2021

### 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, 7<sup>th</sup> 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

- 1- No. of students attending the course: 

|     |     |     |   |
|-----|-----|-----|---|
| No. | 323 | 100 | % |
|-----|-----|-----|---|
- 2- No. of students completing the course: 

|     |     |      |   |
|-----|-----|------|---|
| No. | 249 | 76.8 | % |
|-----|-----|------|---|
- 3- Final Results

| Semester/Grade | A  | B  | C  | D   | F  | Total |
|----------------|----|----|----|-----|----|-------|
| Fall           | 31 | 48 | 66 | 104 | 74 | 323   |
| Spring         | 4  | 6  | 14 | 0   |    | 24    |
| Summer         | 2  | 4  | 1  | 0   |    | 7     |
| Sum            | 37 | 58 | 81 | 104 |    | 354   |
| 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.Architectural characteristics of Renaissance Era Analyzing projects of Architects. | 2             |                |                 | 2     | 2      |      |      |
| • 3.Architectural characteristics of Renaissance Era Analyzing projects of Architects. | 2             |                |                 | 2     | 2      |      |      |
| • 4.Architectural characteristics of BAROQUE, Analyzing projects of Architects         | 2             |                |                 | 2     | 2      |      |      |
| • 5.Architectural characteristics of The Age of Enlightenment                          | 2             |                |                 | 2     | 2      |      |      |

|                                                                                                                                                                           |           |  |  |           |           |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--|--|-----------|-----------|--|--|
| • 6.Social, technical and urban transformation in19 <sup>th</sup> century The influences of the industrial revolution on art and architecture in 19 <sup>th</sup> century | 2         |  |  | 2         | 2         |  |  |
| • 7.Mid term exam                                                                                                                                                         | 2         |  |  | 2         | 2         |  |  |
| • 8.Architectural trends and schools in 19 <sup>th</sup> century                                                                                                          | 2         |  |  | 2         | 2         |  |  |
| • 9.Architectural trends and schools in 19 <sup>th</sup> century                                                                                                          | 2         |  |  | 2         | 2         |  |  |
| • 10.Architectural trends and schools in 19 <sup>th</sup> century                                                                                                         | 2         |  |  | 2         | 2         |  |  |
| • 11.The impact of new materials on architecture                                                                                                                          | 2         |  |  | 2         | 2         |  |  |
| • 12.Architecture of steel and reinforced concrete in19 <sup>th</sup> century                                                                                             | 2         |  |  | 2         | 2         |  |  |
| • 13.Architecture of steel and reinforced concrete in19 <sup>th</sup> century                                                                                             | 2         |  |  | 2         | 2         |  |  |
| 14.Digital Presentation of the Final Researches:<br>• (Jury) : <i>Staff's Criticism / Evaluation for each Student</i>                                                     | 2         |  |  | 2         | 2         |  |  |
| • <b>Final Revision</b>                                                                                                                                                   | 2         |  |  | 2         | 2         |  |  |
| <b>Total hours</b>                                                                                                                                                        | <b>30</b> |  |  | <b>30</b> | <b>30</b> |  |  |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: 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 2021

## Annual Course Report Academic year 2020-2021

### 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  | % |
| 342 | 95.2 | % |

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

|     |      |   |
|-----|------|---|
| 360 | 100  | % |
| 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      |      |      |
| • Nature of light. Nature of heat.                                      | 1             | 3              |                 | 4     | 4      |      |      |
| • Nature of vision. Thermal load on buildings.                          | 1             | 3              |                 | 4     | 4      |      |      |
| • Measurement of lighting. U – values.                                  | 1             | 3              |                 | 4     | 4      |      |      |
| • Measurement of lighting. U – values.                                  | 1             | 3              |                 | 4     | 4      |      |      |
| • Measurement of lighting. Thermal load upon building envelope.         | 1             | 3              |                 | 4     | 4      |      |      |
| • Mid-Term Exam.                                                        | 1             | 3              |                 | 4     | 4      |      |      |
| • Artificial lighting. Luminaries. Thermal load upon building envelope. | 1             | 3              |                 | 4     | 4      |      |      |
| • Artificial Lighting costs. Heat gain \ loss in buildings.             | 1             | 3              |                 | 4     | 4      |      |      |

|                                                         |           |           |  |           |           |  |  |
|---------------------------------------------------------|-----------|-----------|--|-----------|-----------|--|--|
| • Natural lighting. Heat gain \ loss in buildings.      | 1         | 3         |  | 4         | 4         |  |  |
| • Natural light sources. Heat gain \ loss in buildings. | 1         | 3         |  | 4         | 4         |  |  |
| • Daylight factors. Thermal insulation.                 | 1         | 3         |  | 4         | 4         |  |  |
| • Combined lighting. Thermal insulation.                | 1         | 3         |  | 4         | 4         |  |  |
| • Principles of light. Principles of heat.              | 1         | 3         |  | 4         | 4         |  |  |
| • Nature of light. Nature of heat.                      | 1         | 3         |  | 4         | 4         |  |  |
| <b>Total hours</b>                                      | <b>15</b> | <b>45</b> |  | <b>60</b> | <b>60</b> |  |  |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: Non
- If any topics were taught which are not specified, give reasons in detail: Non
- 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 2021

## Annual Course Report Academic year 2020-2021

### 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. Shima Hassan](#)  
 7- External evaluator: [None](#)

### B- Statistical Information

|                                            |     |     |      |   |
|--------------------------------------------|-----|-----|------|---|
| 52- No. of students attending the course:  | No. | 350 | 100  | % |
| 53- No. of students completing the course: | No. | 326 | 93.1 | % |

54- Final Results

| Semester/Grade | A    | B     | C     | D     | F    | Total |
|----------------|------|-------|-------|-------|------|-------|
| Fall           | 36   | 53    | 110   | 104   | 23   | 326   |
| Spring         | 1    | 2     | 6     | 36    | 5    | 40    |
| Summer         | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   |
| Sum            | 37   | 55    | 116   | 140   | 28   | 366   |
| Percentage     | 9.97 | 14.82 | 31.69 | 38.25 | 7.65 | 100.0 |

### 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                  | <b>Med Term Exam</b>                        | 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         |  |
| <b>Total hours</b> |                                             | <b>30</b> | <b>28</b> | <b>0</b> | <b>58</b> | <b>72</b> | <b>72</b> |  |

- **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** -weekly assignments

**assignments/homework:**

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. Shima 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 2020-2021

### 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.      89      100 %  
 2- No. of students completing the course:      No.      86      96.6 %  
 3- Final Results

| Semester/Grade | A | B  | C   | D   | F  | Total |
|----------------|---|----|-----|-----|----|-------|
| Fall           | 0 | 3  | 29  | 54  | 3  | 89    |
| Spring         | 6 | 49 | 109 | 115 | 11 | 290   |
| Summer         | 0 | 0  | 4   | 8   |    | 12    |
| Sum            | 6 | 52 | 142 | 177 | 14 | 391   |
| Percentage     |   |    |     |     |    |       |

### C- Professional Information

#### 1. Contents

| Topic                                                                                                | Lecture hours | Tutorial hours | Practical hours | Total | Actual |      |      |
|------------------------------------------------------------------------------------------------------|---------------|----------------|-----------------|-------|--------|------|------|
|                                                                                                      |               |                |                 |       | Fall   | Spr. | Sum. |
| • Introduction to 3 <sup>rd</sup> 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 4 <sup>th</sup> 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          |  |  |
| <b>Total hours</b>                                                                                                                         | <b>30</b> | <b>90</b> |  | <b>105</b> | <b>105</b> |  |  |

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

|                            |                                   |                                    |             |
|----------------------------|-----------------------------------|------------------------------------|-------------|
| A4,A11,A13,A14,A17,A<br>23 | B3,B4,B13,B14,B16,B17,B19,B<br>20 | C4,C13,C15,C17,C18,C19,C20,C<br>21 | 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) | <b>Non</b> |                         |

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) | <b>Non</b>       |                         |                |

10- Action plan

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

---

|     |  |  |
|-----|--|--|
| 21. |  |  |
| 22. |  |  |

**Course coordinator:** Dr. Ahmed Nour

**Signature:**

**Date:** September 2021

## Annual Course Report Academic year 2020-2021

### 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. | 12 | 100  | % |
| No. | 11 | 91.6 | % |

2- No. of students completing the course:

3- Final Results

| Semester/Grade | A | B  | C   | D   | F | Total |
|----------------|---|----|-----|-----|---|-------|
| Fall           | 1 | 1  | 6   | 3   | 1 | 12    |
| Spring         | 0 | 47 | 131 | 104 | 6 | 288   |
| Summer         | 1 | 11 | 21  | 9   | 1 | 48    |
| Sum            | 2 | 59 | 158 | 116 | 8 | 348   |
| 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      |      |      |
| • Site analysis studies ( Revision on GIS )            | 1             | 3              |                 | 4     | 4      |      |      |
| • Site analysis studies                                | 1             | 3              |                 | 4     | 4      |      |      |
| • Site analysis studies ( following up the project )   | 1             | 3              |                 | 4     | 4      |      |      |
| • Following up the site analysis studies & evaluation  | 1             | 3              |                 | 4     | 4      |      |      |
| • Following up the site analysis studies & evaluation  | 1             | 3              |                 | 4     | 4      |      |      |
| • Mid-Term Exam                                        | 1             | 3              |                 | 4     | 4      |      |      |
| • Evaluating the site analysis studies                 | 1             | 3              |                 | 4     | 4      |      |      |
| • Solving strategies ( following up the alternatives ) | 1             | 3              |                 | 4     | 4      |      |      |



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

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: Non
- If any topics were taught which are not specified, give reasons in detail: Non
- 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 2021

## Annual Course Report Academic year 2020-2021

### 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, 8<sup>th</sup> 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. | - | - | % |
|-----|---|---|---|
- 2- No. of students completing the course: 

|     |   |   |   |
|-----|---|---|---|
| No. | - | - | % |
|-----|---|---|---|
- 3- Final Results

| Semester/Grade | A  | B     | C   | D  | F | Total |
|----------------|----|-------|-----|----|---|-------|
| Fall           | 5  | 0     | 1   | 1  |   | 7     |
| Spring         | 81 | 140   | 76  | 27 | 3 | 327   |
| Summer         | 5  | 33    | 28  | 27 | 3 | 096   |
| Sum            | 91 | 17340 | 105 | 58 | 6 | 430   |
| 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      |      |      |
| • Caliph. Periods.                                        | 2             |                |                 | 2     | 2      |      |      |
| • Tulane's period.                                        | 2             |                |                 | 2     | 2      |      |      |
| • Building concepts in Islamic Arch.                      | 2             |                |                 | 2     | 2      |      |      |
| • Fatimid caiphs' period.                                 | 2             |                |                 | 2     | 2      |      |      |
| • Fatimid caiphs' period. (Site Visit) / Ayyubids period. | 2             |                |                 | 2     | 2      |      |      |
| • Mid-Term Exam                                           | 2             |                |                 | 2     | 2      |      |      |
| • Home in Islamic Arch.                                   | 2             |                |                 | 2     | 2      |      |      |
| • Mamluks (Bahri and Circassian) period.                  | 2             |                |                 | 2     | 2      |      |      |
| • Mamluks (Bahri and Circassian) period.                  | 2             |                |                 | 2     | 2      |      |      |
| • Mamluks (Bahri and Circassian) period.(Site Visit)      | 2             |                |                 | 2     | 2      |      |      |
| • Ottoman (Turks) period.                                 | 2             |                |                 | 2     | 2      |      |      |

|                                          |           |  |  |           |           |  |  |
|------------------------------------------|-----------|--|--|-----------|-----------|--|--|
| • Napolic Invasion (Mohamed Ali) period. | 2         |  |  | 2         | 2         |  |  |
| • Research                               | 2         |  |  | 2         | 2         |  |  |
| • Individual presentation.               | 2         |  |  | 2         | 2         |  |  |
| <b>Total hours</b>                       | <b>30</b> |  |  | <b>30</b> | <b>30</b> |  |  |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: 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 2021

## Annual Course Report Academic year 2020-2021

### 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, 8<sup>th</sup> 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. 

|    |     |   |
|----|-----|---|
| 10 | 100 | % |
| 10 | 100 | % |

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

|    |     |   |
|----|-----|---|
| 10 | 100 | % |
| 10 | 100 | % |

  
 3- Final Results

| Semester/Grade | A  | B   | C   | D  | F | Total |
|----------------|----|-----|-----|----|---|-------|
| Fall           | 0  | 1   | 2   | 7  |   | 10    |
| Spring         | 55 | 134 | 112 | 31 | 3 | 335   |
| Summer         | 4  | 1   | 3   | 0  |   | 8     |
| Sum            | 59 | 136 | 117 | 38 |   | 353   |
| Percentage     |    |     |     |    |   |       |

### C- Professional Information

#### 1. Contents

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

|                                                                                                                   |           |           |  |           |           |  |  |
|-------------------------------------------------------------------------------------------------------------------|-----------|-----------|--|-----------|-----------|--|--|
| • Noise transfer. Under ground water tanks.                                                                       | 1         | 3         |  | 4         | 4         |  |  |
| • Artifical sound insulation. Fire fighting in buildings.                                                         | 1         | 3         |  | 4         | 4         |  |  |
| • Acoustic principles. Electricity installation in buildings.                                                     | 1         | 3         |  | 4         | 4         |  |  |
| • Reflection of sound. Fire alarm in buildings.                                                                   | 1         | 3         |  | 4         | 4         |  |  |
| • Absorption of sound. Air control in buildings.                                                                  | 1         | 3         |  | 4         | 4         |  |  |
| • Reverberation of sound. HVAC systems.                                                                           | 1         | 3         |  | 4         | 4         |  |  |
| • Principles of sound. Principles of sanitary installations. Nature of sound. Sanitary installation in buildings. | 1         | 3         |  | 4         | 4         |  |  |
| <b>Total hours</b>                                                                                                | <b>15</b> | <b>45</b> |  | <b>60</b> | <b>60</b> |  |  |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: Non
- If any topics were taught which are not specified, give reasons in detail: Non
- 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 2021



## Annual Course Report Academic year 2020-2021

### 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: <u>(according to Fall &amp;spring semesters)</u>  | No. | 395 | 100  | % |
| 56- No. of students completing the course: <u>(according to Fall &amp;spring semesters)</u> | No. | 384 | 97.2 | % |
| 57- Final Results                                                                           |     |     |      |   |

| Semester/Grade | A  | B  | C   | D   | F  | Total |
|----------------|----|----|-----|-----|----|-------|
| Fall           | 4  | 17 | 31  | 24  | 4  | 80    |
| Spring         | 39 | 71 | 121 | 77  | 7  | 315   |
| Summer         | 1  | 1  | 1   | 5   | 1  | 10    |
| Sum            | 44 | 89 | 153 | 106 | 12 | 405   |
| 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 projects to include updated details of the course | 2       | 4        |           | 6     | 6      | 6    |      |

|    |                                              |           |           |           |           |           |  |
|----|----------------------------------------------|-----------|-----------|-----------|-----------|-----------|--|
| 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         |  |
|    | <b>Total hours</b>                           | <b>30</b> | <b>60</b> | <b>90</b> | <b>66</b> | <b>72</b> |  |

- **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:

|                                    |                                  |
|------------------------------------|----------------------------------|
| <b>Lectures:</b>                   | Lecture, discussions, tutorials, |
| <b>Class activity</b>              | Exercises; discussions           |
| <b>Case Study:</b>                 | Selected Project                 |
| <b>Other assignments/homework:</b> | 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<br>- 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. 2022       | Dr.Azza Gamal      |

Course coordinator: [Dr. Azza Gamal](#)

Signature:

Date: 21/8/2021

**Annual Course Report**  
**Academic year 2020-2021**  
(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. 46 100 %  
 2- **No. of students completing the course:** No. 40 86.9 %  
 3- **Final Results**

| Semester/Grade | A  | B  | C  | D | F | Total |
|----------------|----|----|----|---|---|-------|
| Fall           | 12 | 11 | 11 | 6 | 6 | 46    |
| Spring         | 5  | 4  | 4  | 0 | 1 | 14    |
| Summer         | 12 | 7  | 1  | 0 |   | 20    |
| Sum            | 29 | 22 | 16 | 6 |   | 80    |
| 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         |  |  |
| <b>Total hours</b>                             | <b>30</b> |  |  | <b>30</b> | <b>30</b> |  |  |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: 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 2021

## Annual Course Report Academic year 2020-2021 (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.                      341                      100 %  
 2- **No. of students completing the course:**                      No.                      313                      91.5 %  
 3- **Final Results**

| Semester/Grade | A | B  | C   | D   | F  | Total |
|----------------|---|----|-----|-----|----|-------|
| Fall           | 9 | 75 | 114 | 115 | 28 | 341   |
| Spring         | 0 |    | 0   | 0   |    | 0     |
| Summer         | 0 |    | 0   | 0   |    | 0     |
| Sum            | 9 | 75 | 114 | 115 |    | 341   |
| 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/<br>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         |  |  |
| <b>Total hours</b>                                                                                                                                      | <b>30</b> |  |  | <b>30</b> | <b>30</b> |  |  |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: 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 2020-2021

### 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.      307      100 %  
 2- No. of students completing the course:      No.      284      92.3 %  
 3- Final Results

| Semester/Grade | A  | B   | C   | D   | F  | Total |
|----------------|----|-----|-----|-----|----|-------|
| Fall           | 66 | 94  | 76  | 48  | 23 | 307   |
| Spring         | 3  | 18  | 48  | 74  | 13 | 156   |
| Summer         | 23 | 12  | 8   | 3   | 1  | 47    |
| Sum            | 92 | 124 | 132 | 122 | 1  | 510   |
| Percentage     |    |     |     |     |    |       |

### C- Professional Information

#### 1. Contents

| Topic                                                         | Lecture hours | Tutorial hours | Practical hours | Total | Actual |      |      |
|---------------------------------------------------------------|---------------|----------------|-----------------|-------|--------|------|------|
|                                                               |               |                |                 |       | Fall   | Spr. | Sum. |
| • Meaning & purpose of modular coordination – An Introduction | 2             |                |                 | 2     | 2      |      |      |
| • Measuring units & Measurement                               | 2             |                |                 | 2     | 2      |      |      |
| • modular coordination & Modules                              | 2             |                |                 | 2     | 2      |      |      |
| • Modules Types & its applications                            | 2             |                |                 | 2     | 2      |      |      |
| • Le Corbusier 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         |  |  |
| <b>Total hours</b>                                   | <b>30</b> |  |  | <b>30</b> | <b>30</b> |  |  |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: 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 2021

## Annual Course Report Academic year 2020-2021 (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. 321    100 %
- 2- No. of students completing the course: No. 300    91.5 %
- 3- Final Results

| Semester/Grade | A    | B    | C    | D    | F    | Total |
|----------------|------|------|------|------|------|-------|
| Fall           | 0    | 0    | 0    | 0    |      | 0     |
| Spring         | 39   | 95   | 65   | 49   | 17   | 265   |
| Summer         | 2    | 2    | 2    | 1    |      | 7     |
| Sum            | 40   | 97   | 67   | 50   |      | 272   |
| Percentage     | 12.4 | 19.3 | 26.2 | 31.7 | 10.3 | 100.0 |

### 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         |
| <b>Total hours</b>                | <b>30</b> |  |  |   | <b>26</b> | <b>22</b> | <b>18</b> |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: Non
- If any topics were taught which are not specified, give reasons in detail: Non
- 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 2020-2021 (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. 27      100 %  
 2- **No. of students completing the course:** No. 25      91.5 %  
 3- **Final Results**

| Semester/Grade | A | B  | C | D | F | Total |
|----------------|---|----|---|---|---|-------|
| Fall           | 9 | 9  | 5 | 2 | 2 | 27    |
| Spring         | 0 | 1  | 2 | 2 |   | 5     |
| Summer         | 0 | 0  | 0 | 0 |   | 0     |
| Sum            | 9 | 10 | 7 | 4 |   | 32    |
| 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.<br>• 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         |  |  |
| <b>Total hours</b>                                                                                                                                                                                                             | <b>30</b> |  |  | <b>30</b> | <b>30</b> |  |  |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: 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 الكورونا | أستاذ المادة       |
| 2.                                        |                   |                    |

Course coordinator: Dr. Nahed Omran

Signature:

Date: September 2021

**Annual Course Report**  
**Academic year 2020-2021**  
(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   |
| <b>Percentage</b> |     |     |     |     |     |       |

**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         |  |  |  |
| <b>Total hours</b>                              | <b>30</b> |  |  | <b>30</b> |  |  |  |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: 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 2021

## Annual Course Report Academic year 2020-2021 (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. | - | - | % |
| No. | - | - | % |

2- No. of students completing the course:

3- Final Results

| Semester/Grade | A | B | C | D | F | Total |
|----------------|---|---|---|---|---|-------|
| Fall           | 0 | 0 | 0 | 0 |   | 0     |
| Spring         | 3 | 7 | 8 | 3 | 3 | 24    |
| Summer         | 0 | 0 | 0 | 0 |   | 0     |
| Sum            | 3 | 7 | 8 | 3 |   | 24    |

### 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 2021

## Annual Course Report Academic year 2020-2021 (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. 

|   |     |   |
|---|-----|---|
| 7 | 100 | % |
|---|-----|---|
- 2- No. of students completing the course: No. 

|   |     |   |
|---|-----|---|
| 7 | 100 | % |
|---|-----|---|
- 3- Final Results

| Semester/Grade | A  | B   | C  | D  | F | Total |
|----------------|----|-----|----|----|---|-------|
| Fall           | 5  | 0   | 1  | 1  |   | 7     |
| Spring         | 81 | 140 | 76 | 27 | 3 | 327   |
| Summer         | 0  | 0   | 0  | 0  |   | 0     |
| Sum            | 86 | 140 | 77 | 28 |   | 334   |
| 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         |  |  |
| <b>Total hours</b>                     | <b>30</b> |  |  | <b>30</b> | <b>30</b> |  |  |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: 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 2021

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 2020-2021

### 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. | 312 | 100 | % |
|-----|-----|-----|---|
- 2- No. of students completing the course: 

|     |     |      |   |
|-----|-----|------|---|
| No. | 308 | 98.7 | % |
|-----|-----|------|---|
- 3- Final Results

| Semester/Grade | A  | B  | C   | D  | F | Total |
|----------------|----|----|-----|----|---|-------|
| Fall           | 36 | 95 | 128 | 49 | 4 | 312   |
| Spring         | 0  | 4  | 27  | 40 | 7 | 78    |
| Summer         | 0  | 0  | 1   | 2  |   | 3     |
| Sum            | 36 | 99 | 156 | 91 |   | 393   |
| 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          |  |
| <b>Total hours</b>                           | <b>15</b> | <b>90</b> |  | <b>105</b> | <b>105</b> | <b>105</b> |  |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: Non
- If any topics were taught which are not specified, give reasons in detail: Non
- 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 2021

## Annual Course Report Academic year 2020-2021

### 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 , 9<sup>th</sup> 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. | 373 | 100 | % |
|-----|-----|-----|---|
- 2- No. of students completing the course: 

|     |     |       |   |
|-----|-----|-------|---|
| No. | 371 | 99.45 | % |
|-----|-----|-------|---|
- 3- Final Results

| Semester/Grade | A  | B  | C   | D   | F | Total |
|----------------|----|----|-----|-----|---|-------|
| Fall           | 21 | 83 | 160 | 107 | 2 | 373   |
| Spring         | 1  | 0  | 8   | 10  | 1 | 20    |
| Summer         | 0  | 4  | 1   | 0   |   | 5     |
| Sum            | 22 | 87 | 169 | 117 |   | 393   |
| 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      |      |      |
| • Planning regions in Egypt             | 1             | 5              |                 | 6     | 4      |      |      |
| • Planning regions in Egypt             | 1             | 5              |                 | 6     | 4      |      |      |
| • Historians and development approaches | 1             | 5              |                 | 6     | 4      |      |      |
| • Historians and development approaches | 1             | 5              |                 | 6     | 4      |      |      |
| • Natural resources in Egypt            | 1             | 5              |                 | 6     | 4      |      |      |
| • Mid-Term Exam                         | 1             | 5              |                 | 6     | 4      |      |      |
| • Sustainable development               | 1             | 5              |                 | 6     | 4      |      |      |
| • Sustainable development               | 1             | 5              |                 | 6     | 4      |      |      |
| • Getting maps for menout city          | 1             | 5              |                 | 6     | 4      |      |      |
| • Getting maps for menout city          | 1             | 5              |                 | 6     | 4      |      |      |

|                                |           |           |  |           |           |  |  |
|--------------------------------|-----------|-----------|--|-----------|-----------|--|--|
| • Getting maps for menout city | 1         | 5         |  | 6         | 4         |  |  |
| • Getting maps for menout city | 1         | 5         |  | 6         | 4         |  |  |
| • Report about el sadat city   | 1         | 5         |  | 6         | 0         |  |  |
| • Report about el sadat city   | 1         | 5         |  | 6         | 0         |  |  |
| • Planning regions in Egypt    | 1         | 5         |  |           |           |  |  |
| <b>Total hours</b>             | <b>15</b> | <b>75</b> |  | <b>90</b> | <b>50</b> |  |  |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: Non
- If any topics were taught which are not specified, give reasons in detail: Non
- 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 2021

## Annual Course Report Academic year 2020-2021

### 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:
- 2- No. of students completing the course:
- 3- Final Results

|     |       |     |   |
|-----|-------|-----|---|
| No. | 80    | 100 | % |
| No. | 93.24 | 75  | % |

| Semester/Grade | A   | B   | C   | D  | F | Total |
|----------------|-----|-----|-----|----|---|-------|
| Fall           | 22  | 17  | 21  | 15 | 5 | 80    |
| Spring         | 36  | 56  | 48  | 29 | 4 | 173   |
| Summer         | 50  | 57  | 49  | 34 | 8 | 198   |
| Sum            | 108 | 130 | 118 | 78 | 8 | 451   |
| 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      |      |      |
| Mechanical analogy :Futurism- De stijl- Constructivism –Expressionism                                                                                        | 2             |                |                 | 2     | 2      |      |      |
| Architecture of Modernism Analyzing characteristics of: International Style / SIAM Group /Organic Architecture / Functions                                   | 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      |      |      |
| Architecture of Late Modernism Analyzing characteristics of:Expressionism / Brutalism                                                                        | 2             |                |                 | 2     | 2      |      |      |

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

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: **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,<br>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.<br><br>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 2021

## Annual Course Report Academic year 2020-2021

### 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. | 45 | 100 | % |
|-----|----|-----|---|

2- No. of students completing the course:

|     |    |       |   |
|-----|----|-------|---|
| No. | 35 | 73,68 | % |
|-----|----|-------|---|

3- Final Results

| Semester/Grade | A  | B  | C   | D   | F  | Total |
|----------------|----|----|-----|-----|----|-------|
| Fall           | 0  | 0  | 10  | 25  | 10 | 45    |
| Spring         | 14 | 39 | 95  | 138 | 45 | 331   |
| Summer         | 0  | 0  | 12  | 33  | 15 | 60    |
| Sum            | 14 | 39 | 117 | 196 |    | 436   |
| 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  |  |  |
| • <b>Total hours</b>                                                                                          | 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 2021

## Annual Course Report Academic year 2020-2021

### 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. | 347 | 100 | % |
|-----|-----|-----|---|

2- No. of students completing the course:

|     |     |      |   |
|-----|-----|------|---|
| No. | 327 | 94.5 | % |
|-----|-----|------|---|

3- Final Results

| Semester/Grade | A  | B   | C   | D   | F  | Total |
|----------------|----|-----|-----|-----|----|-------|
| Fall           | 4  | 79  | 153 | 91  | 20 | 347   |
| Spring         | 0  | 1   | 25  | 40  | 7  | 73    |
| Summer         | 30 | 54  | 9   | 2   | 1  | 96    |
| Sum            | 34 | 134 | 187 | 133 |    | 516   |
| 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         |  |
| <b>Total hours</b>                                                  | <b>30</b> |  |  | <b>30</b> | <b>30</b> | <b>30</b> |  |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: 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 2021

## Annual Course Report Academic year 2020-2021

### 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. | 366 | 100 | % |
|-----|-----|-----|---|
- 2- No. of students completing the course: 

|     |     |       |   |
|-----|-----|-------|---|
| No. | 355 | 96.96 | % |
|-----|-----|-------|---|
- 3- Final Results

| Semester/Grade | A  | B  | C   | D   | F  | Total |
|----------------|----|----|-----|-----|----|-------|
| Fall           | 12 | 66 | 152 | 125 | 11 | 366   |
| Spring         | 0  | 0  | 4   | 16  | 4  | 24    |
| Summer         | 0  | 4  | 0   | 0   |    | 4     |
| Sum            | 12 | 70 | 156 | 141 |    | 394   |
| 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         |  |
| <b>Total hours</b>                              | <b>15</b> | <b>75</b> |  | <b>90</b> | <b>90</b> | <b>90</b> |  |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: 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 2021

## Annual Course Report Academic year 2020-2021

### 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. | 70 | 100 | % |
|-----|----|-----|---|

2- No. of students completing the course:

|     |    |     |   |
|-----|----|-----|---|
| No. | 70 | 100 | % |
|-----|----|-----|---|

3- Final Results

| Semester/Grade | A   | B   | C  | D  | F | Total |
|----------------|-----|-----|----|----|---|-------|
| Fall           | 37  | 13  | 11 | 9  |   | 70    |
| Spring         | 40  | 61  | 26 | 18 | 2 | 147   |
| Summer         | 67  | 41  | 22 | 8  | 4 | 150   |
| Sum            | 144 | 105 | 59 | 36 | 4 | 367   |
| 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- Urban Conservation of Heritage sites.                                                                                      | 2             |                |                 | 2     | 2      |      |      |
| • 3- Issues and problems facing heritage sites                                                                                  | 2             |                |                 | 2     | 2      |      |      |
| • 4-Concept of value in heritage conservation                                                                                   |               |                |                 |       |        |      |      |
| • 5- The role of international institutions.                                                                                    | 2             |                |                 | 2     | 2      |      |      |
| • 6- A critical review of international restoration & conservation charters                                                     | 2             |                |                 | 2     | 2      |      |      |
| • 7-Mid-Term Exam                                                                                                               | 2             |                |                 | 2     | 2      |      |      |
| • 8- Cultural Heritage and Local Economic Development                                                                           | 2             |                |                 | 2     | 2      |      |      |

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

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: 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<br>Senior teaching assistant |
| 15. Giving more case studies or lectures concerning the conservation styles in order to make the student capable of applying the lectures in reality.                 | Annually        | Senior teaching assistant                              |

Course coordinator: Dr. Asamer Zakaria

Signature:

Date: September 2021

## Annual Course Report Academic year 2020-2021

### 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](#) Tutorial [3 hrs](#) Practical [- hrs](#)
- 5- Names of lecturers contributing to the delivery of the course: [Dr. Shreef Salah](#)
- 6- Course coordinator: [Dr. Shreef Salah](#)
- 7- External evaluator: [Non](#)

### B- Statistical Information

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

|     |     |   |
|-----|-----|---|
| 272 | 100 | % |
|-----|-----|---|
- 2- No. of students completing the course: No. 

|     |          |   |
|-----|----------|---|
| 254 | 93.132.8 | % |
|-----|----------|---|
- 3- Final Results

| Semester/Grade | A  | B  | C   | D   | F  | Total |
|----------------|----|----|-----|-----|----|-------|
| Fall           | 26 | 75 | 86  | 67  | 18 | 272   |
| Spring         | 16 | 21 | 46  | 46  | 13 | 142   |
| Summer         | 0  | 3  | 2   | 3   |    | 8     |
| Sum            | 42 | 99 | 134 | 116 |    | 422   |
| 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    |      |
| • Level and Grid command, Sketch mode, Wall types (How to Create Basic walls).                                   | 1             | 3              |                 | 4     | 4      | 4    |      |
| • Wall types (How to Create Stacked and curtain walls) Create floors, Selection methods, and Modifying commands. | 1             | 3              |                 | 4     | 4      | 4    |      |
| • Model revision, Modeling commands (doors, windows) and adding components, and create a camera.                 | 1             | 3              |                 | 4     | 4      | 4    |      |
| • Project phase 1 submission.                                                                                    | 1             | 3              |                 | 4     | 4      | 4    |      |



|                                                                                                             |           |           |  |           |           |           |  |
|-------------------------------------------------------------------------------------------------------------|-----------|-----------|--|-----------|-----------|-----------|--|
| • Modeling commands (Ceiling, Columns, Roof, Stairs).                                                       | 1         | 3         |  | 4         | 4         | 4         |  |
| • Assessment (Mid Term)                                                                                     | 1         | 3         |  | 4         | 4         | 4         |  |
| • Modeling commands (Railing, Ramp).                                                                        | 1         | 3         |  | 4         | 4         | 4         |  |
| • in-place family (create cornice using sweep command) and Massing                                          | 1         | 3         |  | 4         | 4         | 4         |  |
| • Project phase 2 submission.                                                                               | 1         | 3         |  | 4         | 4         | 4         |  |
| • Plotting (sheet preparation), annotation commands (Dimension, details, text), and schedule of quantities. | 1         | 3         |  | 4         | 4         | 4         |  |
| • Practical Exam                                                                                            | 1         | 3         |  | 4         | 4         | 4         |  |
| • Project submission                                                                                        | 1         | 3         |  | 4         | 4         | 4         |  |
| • Final revision, Exam preparation & Makeup Class                                                           | 1         | 3         |  | 4         | 4         | 4         |  |
| • Final revision, Exam preparation & Makeup Class                                                           | 1         | 3         |  | 4         | 4         | 4         |  |
| <b>Total hours</b>                                                                                          | <b>15</b> | <b>45</b> |  | <b>60</b> | <b>60</b> | <b>60</b> |  |

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: Non
- If any topics were taught which are not specified, give reasons in detail: Non
- 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. shreef 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 |
|------|------------------|-------------------------|----------------|
| (II) | Non              |                         |                |

**10- Action plan**

|     | Actions required | Completion date | Person responsible |
|-----|------------------|-----------------|--------------------|
| 16. |                  |                 |                    |
| 17. |                  |                 |                    |

Course coordinator: Dr. Shreif Salah  
Signature:  
Date: September 2021

## Annual Course Report Academic year 2020-2021

### 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. 

|     |       |
|-----|-------|
| 145 | 100 % |
|-----|-------|

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

|     |       |
|-----|-------|
| 145 | 100 % |
|-----|-------|

  
 6- **Final Results**

| Semester/Grade | A    | B    | C    | D    | F    | Total |
|----------------|------|------|------|------|------|-------|
| Fall           | 25.0 | 46.0 | 34.0 | 28.0 | 12.0 | 145.0 |
| Spring         | 4.0  | 9.0  | 14.0 | 13.0 | 5.0  | 45.0  |
| Summer         | 16   | 30   | 64   | 93   | 15   | 219   |
| Sum            | 45   | 85   | 112  | 134  | 32   | 409   |
| Percentage     | 15.3 | 29.0 | 25.5 | 21.6 | 8.6  | 100.0 |

### C- Professional Information

#### 1 – Course Teaching Hours

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

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

- 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:

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

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

## 3- Student Assessment Methods

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

**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. 2021               | Done           |

**10- Action plan for academic year 2021 – 2022**

| Actions required | Completion date | Person responsible |
|------------------|-----------------|--------------------|
| None             | Sept. 2022      | None               |

Course coordinator: Dr. Nevine Gado  
Signature: Dr. Nevine Gado  
Date: September 25, 21

## Annual Course Report Academic year 2020-2021

### 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. | 167 | 100 | % |
|-----|-----|-----|---|

2- No. of students completing the course:

|     |     |       |   |
|-----|-----|-------|---|
| No. | 150 | 88.44 | % |
|-----|-----|-------|---|

3- Final Results

| Semester/Grade | A  | B  | C  | D  | F  | Total |
|----------------|----|----|----|----|----|-------|
| Fall           | 7  | 35 | 45 | 63 | 17 | 167   |
| Spring         | 6  | 6  | 10 | 10 | 2  | 34    |
| Summer         | 0  | 0  | 0  | 0  |    | 0     |
| Sum            | 13 | 41 | 55 | 73 |    | 201   |
| Percentage     |    |    |    |    |    |       |

### C- Professional Information

#### 1. Contents

| Topic                                                                  | Lecture hours | Tutorial hours | Practical hours | Total | Actual |      |      |
|------------------------------------------------------------------------|---------------|----------------|-----------------|-------|--------|------|------|
|                                                                        |               |                |                 |       | Fall   | Spr. | Sum. |
| Sources of Architectural Aesthetics                                    | 2             |                |                 | 2     | 2      |      |      |
| Channels of Architectural Aesthetics                                   | 2             |                |                 | 2     | 2      |      |      |
| Introduction (spatial-tension-interlocking-harmony-gradation-contrast) | 2             |                |                 | 2     | 2      |      |      |
| Formal approach in (dominance -repetition balance)                     | 2             |                |                 | 2     | 2      |      |      |
| Values and order for Architectural Aesthetics                          | 2             |                |                 | 2     | 2      |      |      |
| Unity and continuity                                                   | 2             |                |                 | 2     | 2      |      |      |
| Mid d term Exam                                                        |               |                |                 |       |        |      |      |

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

- Topics taught as a percentage of the content specified: >90 % 70-90 % <70%
- Reasons in detail for not teaching any topic: **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 2021



