



Ministry of Higher Education



Higher Institute of Engineering  
and Technology at Manzala

Quality Assurance Unit

# Architecture Engineering Courses Reports



2025-2024



Preparatory year

First Semester

No	Code	Course Name	Hours / week			Marks		Total	Hrs.
			Lee.	T/L	Total	Term Work	Q/L		
1	BS011	Engineering Mathematics (1)	2	2	4	60	-	90	150 3
2	BS012	Physics (1)	2	2	4	50	10	90	150 3
3	BS013	Mechanics (1)	2	2	4	40	-	60	100 3
4	MEC014	Engineering Drawing	3	4	7	75	-	100	175 3
5	BS015	Introduction To Computers And Programming	2	2	4	40	-	60	100 3
6	BS016	English Language (1)	-	2	2	15	-	35	50 2
TOTAL			11	14	25				725





Academic Year

2024-2025

Semester

First

### 1. Basic Information:

Course Title (according to the bylaw)	Engineering Mathematics (1)		
Course Code (according to the bylaw)	BS011		
Department/s that participated in the teaching:	Basic science department		
Number of credit hours/points of the course (according to the bylaw)			
Lecture	Tutorial / Laboratory	Total contact	
2	2	4	
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective	
Academic level at which the course is taught	Preparatory year		
Academic Program	All Program		
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla		
University/Academy	Manzalla Academy		
Name of Course Coordinator	Asst. Prof. Hamouda Abu Eldahab		
Course Report Approval Date	16 August 2025		
Course Report Approval	Institute Council No. (12) on 16 August 2025		

### 2. Data and Statistics

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
-	1	-	-
Instructor Name	Department	Academic degree	Specialty
Asst. Prof. Hamouda Abu Eldahab	Basic Science	Assistant professor	Applied Mathematics
Eng. Noran Fawzy	Basic Science	Demonstrator	Mathematical Statistics
Notes (if any): N/A			



### Teaching and Learning

Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	30	--	14	

#### Notes (if any) on:

Topics not covered in this course are: **Integration theorem and properties, Second order equations equation of a pair of straight lines.**

There is no change in teaching methods, hours and contents.

### Student Assessment Methods that have been Implemented

Method of assessment *	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	9	solve Problems	CLO1, CLO2, CLO3, CLO4, CLO5, CLO6
Mid-Term Exam	Week 8	27	Multiple Choice and solve Problems	CLO1, CLO2, CLO3, CLO4
Final written Exam	16	90	Multiple Choice and solve Problems	CLO1, CLO2, CLO3, CLO4, CLO5, CLO6
Final practical Exam	-	-	-	-
Activities and assignments	Every week	24	Solve Problems and Reports	CLO1, CLO2, CLO3, CLO5, CLO6
Oral Exam (if exists)	-	-	-	-

- The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.
- External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print
- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.



- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

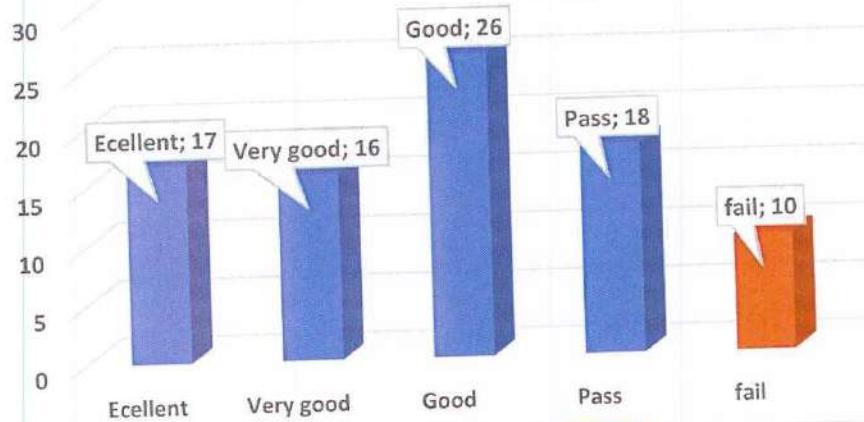
#### Student Assessment Results

Number of students (who started the course):	93
Number of students (who completed the course/ sat for the exam):	90
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	3
Total number of students who passed the exams successfully:	66
Percentage of success (out of the total number of students who sat for the final exam)	73.3%

#### Grade Distribution \*

Grade	Excellent	Very good	Good	Pass	Fail
Number of students	12	9	13	32	24
Percentage	13%	10%	14%	36%	27%

#### Engineering Mathematics (1)



Total number of students who failed the exams:	24
Percentage of failure (for the total number of students who took the final exam)	27%
<ul style="list-style-type: none"> <li>The grade distribution reveals a bell-shaped curve with the majority of students scoring between Good and very good (13 and 9 students, respectively). Notably, grades Excellent were awarded to 12</li> </ul>	



students, showing that a sizable portion of the class achieved high academic performance.

Additionally, only 24 students (27%) received a Fail grade.

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	86 / 90
Percentage of participants to the total number	95.5%
Important points of satisfaction	<ul style="list-style-type: none"><li>The faculty member has personal qualities that are acceptable to students.</li><li>The teaching assistant interacts respectfully with students.</li><li>The educational resources (e.g., lab equipment, lecture halls) are sufficient to develop professional and practical skills.</li></ul>
Important points of dissatisfaction	<ul style="list-style-type: none"><li>The exam questions cover the topics included in the course.</li></ul>

### 4. Instructors Reflection \*

- The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.



## 5. Course Enhancement

All previous Actions required have been achieved.

**Course development plan for the next academic semester/year**

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Develop a lesson on a curriculum topic with guidance from a science or mathematics expert and a pedagogy expert to draw out the key concepts with everyday examples.	Arrange workshops with subjects matter experts specialists to design lessons.	Collaborative lesson planning sessions integrating real-life examples in teaching materials.	
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	More solved problems with the Exercises.	Add detailed solutions sets for all exercises and examples.	Upload solved examples and provide step-by-step solutions.	

**Course coordinator:**

Name	Signature	Academic Year
Asst. Prof. Hamouda Abu Eldahab		2024-2025

**Name and Signature Head of the Department Council:**

Name	Signature	Academic Year
Assoc. Prof. Ali Samir		2024-2025



Academic Year

2024-2025

Semester

First

### 1. Basic Information:

Course Title (according to the bylaw)	Physics (1)	
Course Code (according to the bylaw)	BS012	
Department/s that participated in the teaching:	Basic science department	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	2	4
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	Preparatory year	
Academic Program	All Program	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Assoc. Prof. Ali Samir	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

### 2. Data and Statistics

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
1	-	1	-
Instructor Name	Department	Academic degree	Specialty
Dr. Ali Samir	Basic Science	Assoc. professor	Material Physics
Eng. Nadra Saad Eng. Sabrinien Osama	Basic Science	Demonstrator	Practical Physics Bio Physics



Notes (if any): N/A

#### Teaching and Learning

Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	30	--	20	

#### Notes (if any) on:

Topics not covered in this course are: Theory of gases and thermodynamic:  
 (first and second law of thermodynamic-heat engines)  
 There is no change in teaching methods, hours and contents.

#### Student Assessment Methods that have been Implemented

Method of assessment *	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	5	Theoretical questions and solve Problems	CLO1, CLO2, CLO3 CLO4, CLO5
Mid-Term Exam	Week 8	20	Theoretical questions and solve Problems	CLO1, CLO2, CLO4
Final written Exam	16	90	Theoretical questions and solve Problems	CLO1, CLO2, CLO3 CLO4, CLO5
Final practical Exam	15	10	Experimental	CLO6
Activities and assignments	Every week	25	Solve Problems, Reports and mind maps	CLO3, CLO5
Oral Exam (if exists)	-			

\* The examination committees are selected through the Department Council based on specialization.  
 A second examiner is chosen within the same field as the first examiner.

- The examination committees are selected through the Department Council based on specialization.  
 A second examiner is chosen within the same field as the first examiner.
- External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print

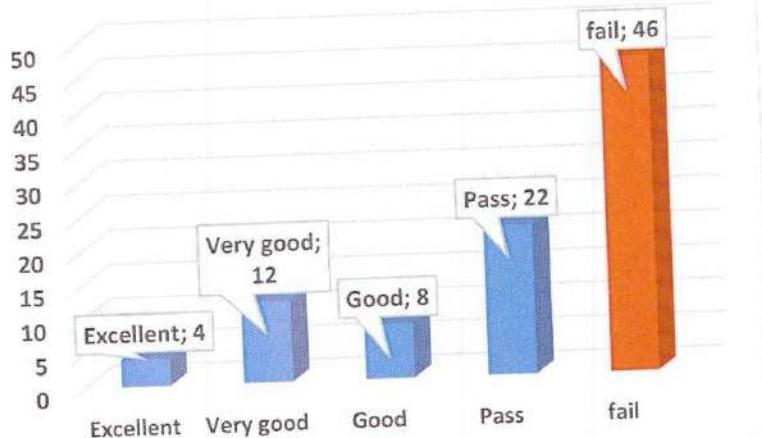


- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

#### Student Assessment Results

Number of students (who started the course):	95				
Number of students (who completed the course/ sat for the exam):	92				
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	3				
Total number of students who passed the exams successfully:	46				
Percentage of success (out of the total number of students who sat for the final exam)	50%				
<b>Grade Distribution *</b>					
Grade	Excellent	Very good	Good	Pass	Fail
Number of students	4	12	8	22	46
Percentage	4%	13%	9%	24%	50%

#### Physics (1)



Total number of students who failed the exams:

46



Percentage of failure (for the total number of students who took the final exam)	50%
<p>The grade distribution reveals a negatively skewed (left-skewed) curve, where most students are at the lower end of performance, with only a few achieving higher grades. The majority of students (46 out of 92) received a Fail, which is exactly 50%. Only 4 students earned an Excellent grade, and a combined total of 24 scored Very Good or Good, which is about 26% of the group. With 22 students passing but not achieving higher grades, the data suggests serious gaps in understanding or exam readiness. The Very good category has 12 students, which is higher than the Good category (8 students). The failure rate (46 students) highlights significant challenges in student performance in this course.</p>	

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	88/92
Percentage of participants to the total number	95.6%
Important points of satisfaction	<ul style="list-style-type: none"> <li>The objectives of the course were clearly explained in the first lecture.</li> <li>The faculty member adheres to the scheduled lecture times as announced.</li> <li>The teaching assistant has a good understanding of the course content.</li> <li>The educational resources (e.g., lab equipment, lecture halls) are sufficient to develop professional and practical skills.</li> </ul>
Important points of dissatisfaction	<ul style="list-style-type: none"> <li>The teaching method included activities that helped me acquire self-learning skills.</li> </ul>



- The educational tools used in teaching greatly assist me in following and understanding the course content.

#### 4. Instructors Reflection \*

- **The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- **The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

#### 5. Course Enhancement

All previous Actions required have been achieved.

Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
2	Increase practical engagement in laboratory sessions	Introduce mini-projects or real-world applications	Assign group experiments linked to industrial scenarios	

Course coordinator:

Name	Signature	Academic Year
Assoc. Prof. Ali Samir		2024-2025



Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Assoc. Prof. Ali Samir		2024-2025



Academic Year

2024-2025

Semester

First

**1. Basic Information:**

Course Title (according to the bylaw)	Mechanics (1)	
Course Code (according to the bylaw)	BS013	
Department/s that participated in the teaching:	Basic science department	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	2	4
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	Preparatory year	
Academic Program	All Program	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Prof. Attia Aref	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
1	-	1	-
Instructor Name			
Prof. Attia Aref	Basic Science	Professor	Mechanical Engineering
Eng. Hayah Samy	Basic Science	Demonstrator	Applied Mathematics



Notes (if any): N/A

#### Teaching and Learning

Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	30	--	14	

#### Notes (if any) on:

Topics not covered in this course are: Applications on beams and hydrostatics.

There is no change in teaching methods, hours and contents.

#### Student Assessment Methods that have been Implemented

Method of assessment *	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	6	Solve Problems	CLO1, CLO2, CLO3
Mid-Term Exam	Week 8	18	Theoretical questions and solve Problems	CLO1, CLO2, CLO3
Final written Exam	16	60	Theoretical questions and solve Problems	CLO1, CLO2, CLO3, CLO4.
Final practical Exam	14	0	-	-
Activities and assignments	Every week	16	Solve Problems, Reports.	CLO5, CLO6
Oral Exam (if exists)	-	-	-	-

- The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.
- External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print
- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.



- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

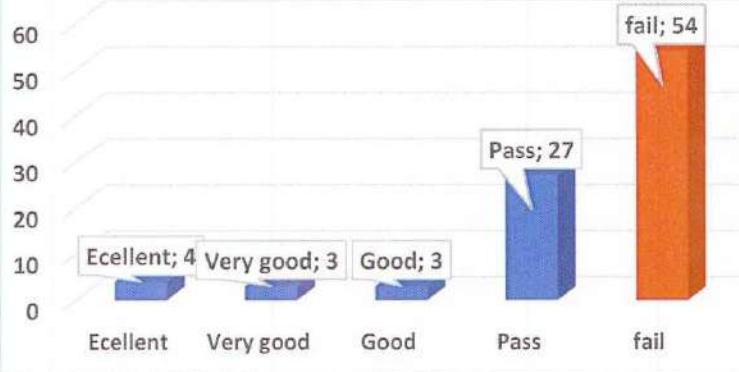
#### Student Assessment Results

Number of students (who started the course):	95
Number of students (who completed the course/ sat for the exam):	91
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	4
Total number of students who passed the exams successfully:	37
Percentage of success (out of the total number of students who sat for the final exam)	40.7%

#### Grade Distribution \*

Grade	Excellent	Very good	Good	Pass	Fail
Number of students	4	3	3	27	54
Percentage	4%	3%	3%	30%	59%

#### Mechanics 1



Total number of students who failed the exams:	54
Percentage of failure (for the total number of students who took the final exam)	59%

- The grade distribution reveals a line with the majority of students scoring between Good and very good (3 and 3 students, respectively). Notably, grades Excellent were awarded to 4 students, showing



that a sizable portion of the class achieved high academic performance. Additionally, only 54 students (59%) received a Fail grade.

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	89 / 91
Percentage of participants to the total number	96.8%
Important points of satisfaction	<ul style="list-style-type: none"><li>The faculty member treats students appropriately.</li><li>The teaching assistant has a good understanding of the course content.</li><li>The teaching assistant evaluates students fairly and transparently.</li></ul>
Important points of dissatisfaction	<ul style="list-style-type: none"><li>The educational tools used in teaching greatly assist me in following and understanding the course content.</li><li>The available IT facilities are adequate for implementing the e-learning system.</li></ul>

### 4. Instructors Reflection \*

- The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

### 5. Course Enhancement.

All previous Actions required have been achieved.



**Course development plan for the next academic semester/year**

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Recording lectures and sessions	Upgrade recoding equipment and tools.	Enable auto recording features.	Postponed from previous year
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	

**Course coordinator:**

Name	Signature	Academic Year
Prof. Attia Aref		2024-2025

**Name and Signature Head of the Department Council:**

Name	Signature	Academic Year
Assoc. Prof. Ali Samir		2024-2025



Academic Year

2024-2025

Semester

First

**1. Basic Information:**

Course Title (according to the bylaw)	Engineering Drawing and Projection (1)		
Course Code (according to the bylaw)	MEC014		
Department/s that participated in the teaching:	Basic science department		
Number of credit hours/points of the course (according to the bylaw)			
Lecture	Tutorial / Laboratory	Total contact	
3	4	7	
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective	
Academic level at which the course is taught	Preparatory year		
Academic Program	All Program		
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla		
University/Academy	Manzalla Academy		
Name of Course Coordinator	Assoc. Prof. Yassin EL Sayed Yassin		
Course Report Approval Date	16 August 2025		
Course Report Approval	Institute Council No. (12) on 16 August 2025		

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
-	1	1	-

Instructor Name	Department	Academic degree	Specialty
Assoc. Prof. Yassin EL Sayed Yassin.	Basic Science	Associate professor	Mechanical Engineering



Eng. Badr Elsaed. Eng. Mahmoud Elkazaz. Eng. Mahmoud Hesham.	Basic Science	Demonstrator	Communication Engineering
Notes (if any):	N/A		

Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	45	60	--	23	
Notes (if any) on:					
Topics not covered in this course are: <b>projection of isometric.</b> There is no change in teaching methods, hours and contents.					

Student Assessment Methods that have been Implemented				
Method of assessment *	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	11.25	Solve Problems	CLO1, CLO2, CLO3, CLO4.
Mid-Term Exam	Week 8	22.5	Solve Problems	CLO1, CLO2, CLO3
Final written Exam	16	100	Solve Problems	CLO1, CLO2, CLO3, CLO4, CLO5.
Final practical Exam	--	--	-	-
Activities and assignments	Every week	41.25	Solve Problems, Reports.	CLO3, CLO5
Oral Exam (if exists)	-	-	-	-

• The examination committees are selected through the Department Council based on specialization.  
 A second examiner is chosen within the same field as the first examiner.  
 • External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print



- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

Student Assessment Results										
Grade Distribution *										
Grade	Excellent	Very good	Good	Pass	Fail					
Number of students (who started the course):				91						
Number of students (who completed the course/ sat for the exam):				88						
Number of students who did not attend the final written exam (absent-deprived-withdrawn):				3						
Total number of students who passed the exams successfully:				47						
Percentage of success (out of the total number of students who sat for the final exam)				53.4%						
Engineering Drawing and Projection (1)										
<table border="1"> <tr> <td>Excellent; 0</td> <td>Very good; 3</td> <td>Good; 4</td> <td>Pass; 40</td> <td>fail; 41</td> </tr> </table>						Excellent; 0	Very good; 3	Good; 4	Pass; 40	fail; 41
Excellent; 0	Very good; 3	Good; 4	Pass; 40	fail; 41						
Total number of students who failed the exams:				41						
Percentage of failure (for the total number of students who took the final exam)				46.6%						



- The grade distribution reveals a line with the majority of students scoring between Good and very good (4 and 3 students, respectively). Notably, grades Excellent were awarded to 0 students. Additionally, 41 students (46.6%) received a Fail grade.

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	83/ 88
Percentage of participants to the total number	94.3%
Important points of satisfaction	<ul style="list-style-type: none"><li>The faculty member treats students appropriately.</li><li>The teaching assistant has a good understanding of the course content.</li></ul>
Important points of dissatisfaction	<ul style="list-style-type: none"><li>The educational tools used in teaching greatly assist me in following and understanding the course content.</li></ul>

### 4. Instructors Reflection \*

- The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

### 5. Course Enhancement

All previous Actions required have been achieved.



**Course development plan for the next academic semester/year**

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Introducing new topics and using more administrative tools.	Integrate relevant update content and digitalize course management.	Use notifications, digital tracking sheets and upgrade sessions.	
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	Modified sessions manual including results sheets and exercise sheets, which improved practical sessions.	Standardize and digitize session materials and result tracking.	Create structured templates, use shared folders and provide facilitator orientation.	

**Course coordinator:**

Name	Signature	Academic Year
Assoc. Prof. Yassin EL Sayed Yassin		2024-2025

**Name and Signature Head of the Department Council:**

Name	Signature	Academic Year
Assoc. Prof. Ali Samir		2024-2025



Academic Year

2024-2025

Semester

First

**1. Basic Information:**

Course Title (according to the bylaw)	Introduction in Computer and programming		
Course Code (according to the bylaw)	BS015		
Department/s that participated in the teaching:	Basic science department		
Number of credit hours/points of the course (according to the bylaw)			
Lecture	Tutorial / Laboratory	Total contact	
2	2	4	
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective	
Academic level at which the course is taught	Preparatory year		
Academic Program	All Program		
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla		
University/Academy	Manzalla Academy		
Name of Course Coordinator	Prof. Dr. Ahmed Salama		
Course Report Approval Date	16 August 2025		
Course Report Approval	Institute Council No. (12) on 16 August 2025		

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
-	1	1	-
Instructor Name	Department	Academic degree	Specialty
Prof. Dr. Ahmed Salama	Basic Science	Professor	Computer science
Eng. Hana Essam	Electronics	Demonstrator	Computer Engineering



Notes (if any): N/A

#### Teaching and Learning

Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	30	--	14	

#### Notes (if any) on:

Topics not covered in this course are: Practical applications: elementary programming.  
 There is no change in teaching methods, hours and contents.

#### Student Assessment Methods that have been Implemented

Method of assessment *	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	4	Multiple Choice, Theoretical questions and solve Problems	CLO1, CLO2
Mid-Term Exam	Week 8	18	Multiple Choice, Theoretical questions	CLO1, CLO2, CLO3
Final written Exam	16	60	Multiple Choice, Theoretical questions and solve Problems	CLO1, CLO2, CLO3 CLO4, CLO5
Final practical Exam	-	..	-	-
Activities and assignments	Every week	18	Solve Problems, and Mind maps	CLO2
Oral Exam (if exists)	-			

- The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.
- External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print

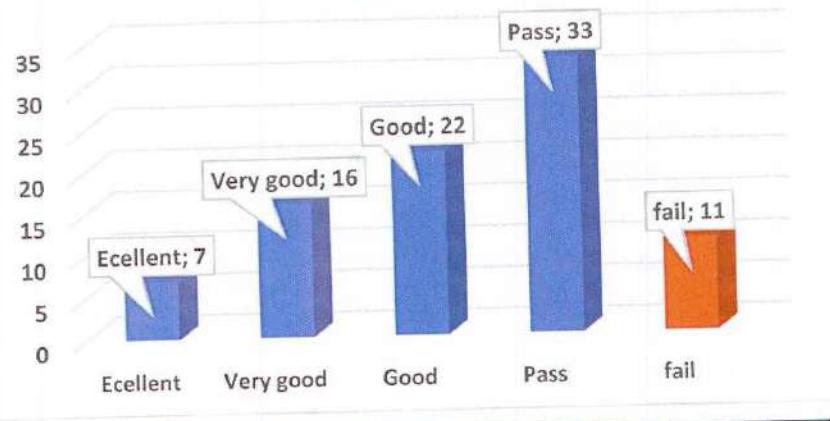


- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

#### Student Assessment Results

Number of students (who started the course):	92				
Number of students (who completed the course/ sat for the exam):	89				
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	3				
Total number of students who passed the exams successfully:	78				
Percentage of success (out of the total number of students who sat for the final exam)	87%				
<b>Grade Distribution *</b>					
Grade	Excellent	Very good	Good	Pass	Fail
Number of students	7	16	22	33	11
Percentage	7.9%	18%	24.7%	37.1%	12.4%

#### Introduction in Computer and programming



Total number of students who failed the exams:	11
Percentage of failure (for the total number of students who took the final exam)	12.4%



The grade distribution reveals a positively skewed curve, where most students are concentrated in the mid-to-high performance range (Good and Very Good), with fewer students at both extremes (Excellent and Fail). The majority of students scoring between Good and very good (22 and 16 students, respectively). The Pass category has the highest number of students (33), indicating that it is the most common outcome. Notably, grades Excellent were awarded to 7 students, showing that a sizable portion of the class achieved high academic performance. Additionally, only 11 students (12.4%) received a Fail grade, reflecting a relatively low failure rate.

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	84/89
Percentage of participants to the total number	94.3%
Important points of satisfaction	<ul style="list-style-type: none"><li>The objectives of the course were clearly explained in the first lecture.</li><li>The faculty member is available during designated office hours</li><li>The teaching assistant has a good understanding of the course content.</li><li>The educational resources (e.g., lab equipment, lecture halls) are sufficient to develop professional and practical skills.</li></ul>
Important points of dissatisfaction	<ul style="list-style-type: none"><li>The teaching method included activities that helped me acquire self-learning skills.</li><li>The assessment methods are varied (written, practical, oral) to measure my understanding and practical skills.</li></ul>

### 4. Instructors Reflection \*



- **The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- **The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

##### 5. Course Enhancement

One corrective action proposed in the previous academic year was to provide supplementary materials, such as online resources, tutoring sessions, or study groups, to help students who may be struggling to grasp the material.. However, this was not achieved due to the successful implementation of alternative support strategies, which reduced the immediate need for additional supplementary resources.

##### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Provide supplementary materials, such as online resources, tutoring sessions, or study groups, to help students who may be struggling to grasp the material.	Include the topic in the final two weeks of the course	Update course specification and lecture schedule accordingly	Postponed from previous year
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	Establish regular feedback sessions where students can discuss their	Introduce mini-projects or real-world applications	Conduct feedback sessions within these groups to identify	



challenges and successes. This can help identify areas where they may need additional support.		shared difficulties and brainstorm solutions.	
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**Course coordinator:**

Name	Signature	Academic Year
Prof. Dr. Ahmed Salama		2024-2025

**Name and Signature Head of the Department Council:**

Name	Signature	Academic Year
Prof. Dr. Ali Samir		2024-2025



Academic Year

2024-2025

Semester

First

**1. Basic Information:**

Course Title (according to the bylaw)	English for Engineering (1)	
Course Code (according to the bylaw)	BS016	
Department/s that participated in the teaching:	Basic science department	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
0	2	2
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	Preparatory year	
Academic Program	All Program	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Prof. Dr. Abdelrahman Al Adl	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
-	1	1	-
Instructor Name	Department	Academic degree	Specialty
Prof. Dr. Abdelrahman Al Adl	Basic Science	Professor	English Methodology TEFL



Eng. Ghadeer Tarek	Basic Science	Demonstrator	Applied Linguistics
<b>Notes (if any):</b> N/A			

Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	0	30	--	25	
<b>Notes (if any) on:</b>					
Topics not covered in this course are <b>Analyzing different types of texts (fiction, non-fiction, technical)-Communication Skills Presentations</b> . There is no change in teaching methods, hours and contents.					

Student Assessment Methods that have been Implemented				
Method of assessment *	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	1.5	Multiple Choice, Theoretical questions	CLO1, CLO2, CLO3
Mid-Term Exam	Week 8	6.75	Multiple Choice, Theoretical questions	CLO1, CLO2
Final written Exam	16	35	Multiple Choice, Theoretical questions	CLO1, CLO2, CLO3 CLO4
Final practical Exam	-	0	-	-
Activities and assignments	Every week	6.75	Reports and Writing Skills	CLO2,CLO4
Oral Exam (if exists)	-			
<ul style="list-style-type: none"> <li>The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.</li> <li>External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print</li> </ul>				

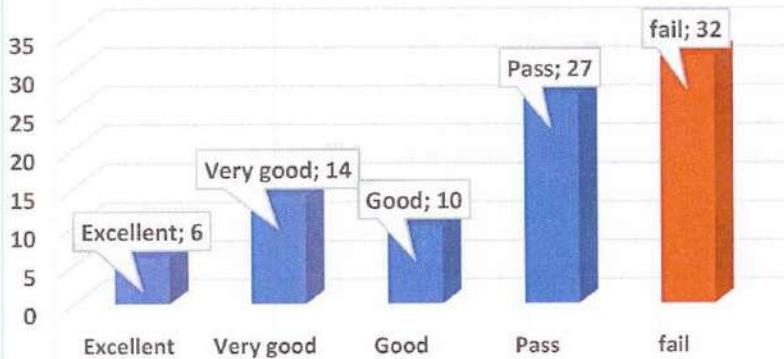


- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

#### Student Assessment Results

Number of students (who started the course):	92				
Number of students (who completed the course/ sat for the exam):	89				
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	3				
Total number of students who passed the exams successfully:	57				
Percentage of success (out of the total number of students who sat for the final exam)	64%				
<b>Grade Distribution *</b>					
Grade	Excellent	Very good	Good	Pass	Fail
Number of students	6	14	10	27	32
Percentage	6.7%	15.7%	11.2%	30.3%	36%

#### English for Engineering (1)



Total number of students who failed the exams:	32
Percentage of failure (for the total number of students who took the final exam)	36%



The grade distribution reveals a negatively skewed curve. This means that the majority of students are clustered toward the lower grades (Fail), while fewer students achieve higher grades (Excellent, Very good, and Good). The Very good category has 14 students, which is higher than the Good category (10 students). Notably, grades Excellent were awarded to 6 students, showing that a sizable portion of the class achieved high academic performance. Additionally, only 32 students (36%) received a Fail grade. The Fail category has the highest number of students (32), indicating that it is the most common outcome.

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	87/89
Percentage of participants to the total number	97.7%
Important points of satisfaction	<ul style="list-style-type: none"> <li>The objectives of the course were clearly explained in the first lecture.</li> <li>The faculty member is available during designated office hours</li> <li>The teaching assistant has a good understanding of the course content.</li> <li>The educational resources (e.g., lab equipment, lecture halls) are sufficient to develop professional and practical skills.</li> <li>The teaching assistant attends on time according to the schedule.</li> </ul>
Important points of dissatisfaction	<ul style="list-style-type: none"> <li>The teaching method included activities that helped me acquire self-learning skills.</li> </ul>

### 4. Instructors Reflection \*



- **The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- **The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

## 5. Course Enhancement

One corrective action proposed in the previous academic year was to incorporate group discussions and debates to encourage participation. support. However, this was not achieved due to scheduling constraints and a need to prioritize covering the core curriculum content within limited class time.

### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Provide additional tutoring for students in the Pass category to help them improve their understanding and skills.	Identify students who scored in the "Pass" range and offer targeted academic support.	Use formative assessments (quizzes, concept checks) to monitor progress regularly.	
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	Incorporate group discussions and debates to encourage participation. Support.	Enhance classroom engagement through collaborative and interactive learning.	Use discussion rubrics to assess participation and give constructive feedback.	Postponed from previous year



Course coordinator:

Name	Signature	Academic Year
Prof. Dr. Abdelrahman Al Adl		2024-2025

Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Ali Samir		2024-2025



## Second Semester

No	Code	Course Name	Hours / week			Marks			Total	Hrs.
			Lee.	T/	Total	Term	O/L	Final		
1	BS 021	Engineering Mathematics (2)	2	2	4	50	-	75	125	3
2	BS 022	Physics (2)	2	2	4	40	10	75	125	3
3	BS 023	Mechanics (2)	2	2	4	40	-	60	100	3
4	MEC 024	Engineering Drawing And Projection (2)	2	3	5	50	-	75	125	3
5	BS 025	Chemistry	2	2	4	30	10	60	100	3
6	MEC 026	Production Engineering	2	3	5	40	10	75	125	3
7	BS 027	Engineering and environment	2	-	2	15	-	35	50	2
<b>TOTAL</b>			14	14	28				750	



Academic Year

2024-2025

Semester

Second

**1. Basic Information:**

Course Title (according to the bylaw)	Engineering Mathematics (2)		
Course Code (according to the bylaw)	BS021		
Department/s that participated in the teaching:	Basic science department		
Number of credit hours/points of the course (according to the bylaw)			
Lecture	Tutorial / Laboratory	Total contact	
2	2	4	
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective	
Academic level at which the course is taught	Preparatory year		
Academic Program	All Program		
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla		
University/Academy	Manzalla Academy		
Name of Course Coordinator	Asst. Prof. Hamouda Abu Eldahab		
Course Report Approval Date	16 August 2025		
Course Report Approval	Institute Council No. (12) on 16 August 2025		

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
-	1	1	-
Instructor Name	Department	Academic degree	Specialty
Asst. Prof. Hamouda Abu Eldahab	Basic Science	Assistant professor	Applied Mathematics
Eng. Noran Fawzy	Basic Science	Demonstrator	Mathematical Statistics



Notes (if any): N/A

## Teaching and Learning

Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	30	--	14	

## Notes (if any) on:

Topics not covered in this course are: **Integration theorem and properties, Second order equations equation of a pair of straight lines.**

There is no change in teaching methods, hours and contents.

## Student Assessment Methods that have been Implemented

Method of assessment *	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	7.5	Solve Problems	CLO1, CLO2, CLO3, CLO4, CLO5, CLO6
Mid-Term Exam	Week 8	22.5	Multiple Choice and solve Problems	CLO1, CLO2, CLO3, CLO4
Final written Exam	16	75	Multiple Choice and solve Problems	CLO1, CLO2, CLO3, CLO4, CLO5, CLO6
Final practical Exam	-	-	-	-
Activities and assignments	Every week	20	Solve Problems and Reports	CLO1, CLO2, CLO3, CLO4, CLO5, CLO6
Oral Exam (if exists)	-	-	-	-

- The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.
- External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print



- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

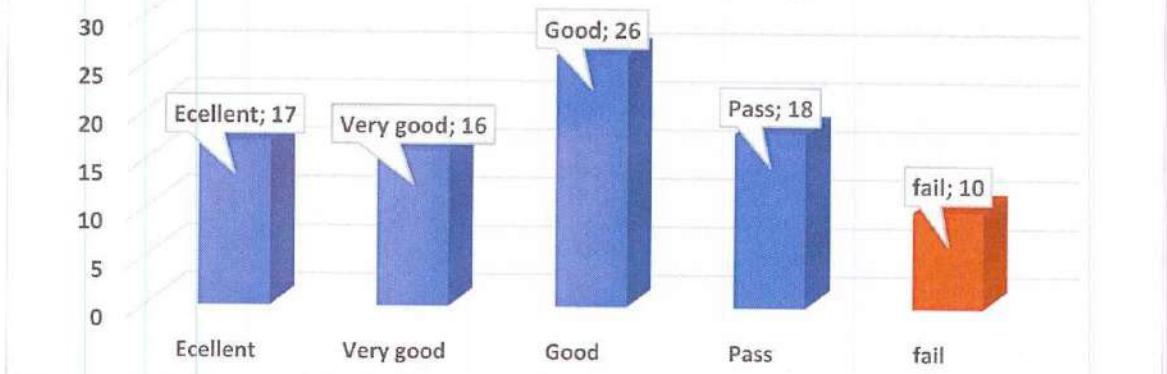
#### Student Assessment Results

Number of students (who started the course):	93
Number of students (who completed the course/ sat for the exam):	87
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	6
Total number of students who passed the exams successfully:	77
Percentage of success (out of the total number of students who sat for the final exam)	88.5%

#### Grade Distribution \*

Grade	Excellent	Very good	Good	Pass	Fail
Number of students	17	16	26	18	10
Percentage	20%	18%	30%	21%	11%

#### Engineering Mathematics (2)



Total number of students who failed the exams:	10
Percentage of failure (for the total number of students who took the final exam)	11%



- The grade distribution reveals a bell-shaped curve with the majority of students scoring between Good and very good (26 and 16 students, respectively). Notably, grades Excellent were awarded to 17 students, showing that a sizable portion of the class achieved high academic performance. Additionally, only 10 students (11%) received a Fail grade.

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	82 / 87
Percentage of participants to the total number	94.2%
Important points of satisfaction	<ul style="list-style-type: none"><li>The faculty member has personal qualities that are acceptable to students.</li><li>The teaching assistant interacts respectfully with students.</li><li>The educational resources (e.g., lab equipment, lecture halls) are sufficient to develop professional and practical skills.</li></ul>
Important points of dissatisfaction	<ul style="list-style-type: none"><li>The exam questions cover the topics included in the course.</li></ul>

### 4. Instructors Reflection \*

- The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.



## 5. Course Enhancement

All previous Actions required have been achieved.

Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Develop a lesson on a curriculum topic with guidance from a science or mathematics expert and a pedagogy expert to draw out the key concepts with everyday examples.	Arrange workshops with subjects matter experts specialists to design lessons.	Collaborative lesson planning sessions integrating real-life examples in teaching materials.	
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	More solved problems with the Exercises.	Add detailed solutions sets for all exercises and examples.	Upload solved examples and provide step-by-step solutions.	

Course coordinator:

Name	Signature	Academic Year
Asst. Prof. Hamouda Abu Eldahab		2024-2025

Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Assoc. Prof. Ali Samir		2024-2025



Academic Year

2024-2025

Semester

Second

**1. Basic Information:**

Course Title (according to the bylaw)	Physics (2)	
Course Code (according to the bylaw)	BS012	
Department/s that participated in the teaching:	Basic science department	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	2	4
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	Preparatory year	
Academic Program	All Program	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Assoc.Prof. Ali Samir	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
1	-	1	-

Instructor Name	Department	Academic degree	Specialty
Dr. Ali Samir	Basic Science	Assoc. professor	Material Physics
Eng. Nadra Saad	Basic Science	Demonstrator	Practical Physics
Eng. Sabrina Osama			Bio Physics



Notes (if any): N/A

## Teaching and Learning

Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....)	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	30	--	14	

## Notes (if any) on:

Topics not covered in this course are: Diffraction- Polarization and its application.

There is no change in teaching methods, hours and contents.

## Student Assessment Methods that have been Implemented

Method of assessment *	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	5	Theoretical questions and solve Problems	CLO1, CLO2, CLO3
Mid-Term Exam	Week 8	15	Theoretical questions and solve Problems	CLO1, CLO2
Final written Exam	16	75	Theoretical questions and solve Problems	CLO1, CLO2, CLO3 CLO4, CLO5
Final practical Exam	15	10	Experimental	CLO6
Activities and assignments	Every week	20	Solve Problems, Reports and mind maps	CLO1, CLO2, CLO3 CLO4
Oral Exam (if exists)	-			

- The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.
- External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print



- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

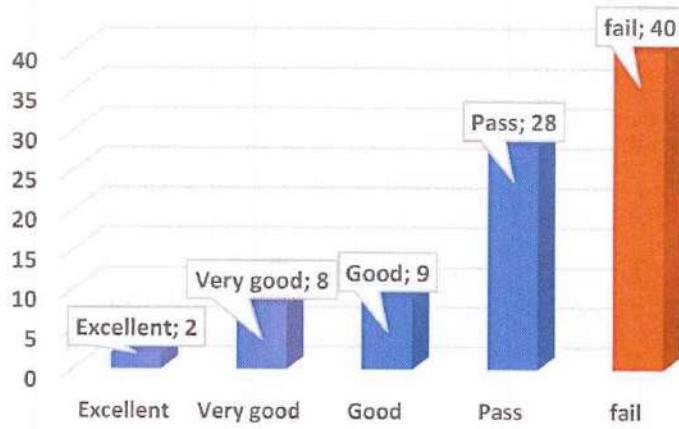
#### Student Assessment Results

Number of students (who started the course):	95
Number of students (who completed the course/ sat for the exam):	87
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	8
Total number of students who passed the exams successfully:	47
Percentage of success (out of the total number of students who sat for the final exam)	54%

#### Grade Distribution \*

Grade	Excellent	Very good	Good	Pass	Fail
Number of students	2	8	9	28	40
Percentage	2%	9%	10%	32%	46%

#### Physics 2



Total number of students who failed the exams:	40
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Percentage of failure (for the total number of students who took the final exam)	46%
<p>The grade distribution reveals a left-skewed (negatively skewed), where the majority of students are clustered at the lower end of the grading scale. A majority of students (40) received a Fail grade, which is alarming. Only 2 students achieved an Excellent grade, highlighting a significant gap in high performance. Performance is heavily concentrated at the lower end, with 68 out of 87 students (about 78%) scoring either "Pass" or "Fail". The failure rate is extremely high (40 students), accounting for a substantial portion of the total student population.</p>	

### 3. Student Feedback

Item	Comment
<b>Means of Evaluation:</b>	Questionnaire (online on Dulms)
<b>Timing of Evaluation:</b>	After Mid-Term to the final Exam
<b>Number of students who participated in the course evaluation</b>	86 / 92
<b>Percentage of participants to the total number</b>	93.4 %
<b>Important points of satisfaction</b>	<ul style="list-style-type: none"> <li>The objectives of the course were clearly explained in the first lecture.</li> <li>The faculty member adheres to the scheduled lecture times as announced.</li> <li>The teaching assistant has a good understanding of the course content.</li> <li>The educational resources (e.g., lab equipment, lecture halls) are sufficient to develop professional and practical skills.</li> </ul>
<b>Important points of dissatisfaction</b>	<ul style="list-style-type: none"> <li>The teaching method included activities that helped me acquire self-learning skills.</li> </ul>

### 4. Instructors Reflection \*

- The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.



- **The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

## 5. Course Enhancement

All previous Actions required have been achieved

Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
2	Providing courses for students in the English language to help them understand the wording of the question	Integrate English language support with physics content	Offer additional weekly office hours and assign student mentors	
3.	Emphasize critical thinking, communication, and teamwork in assessments	Incorporate group presentations, technical writing, and peer evaluation	Design a peer-evaluation form where students assess each other's contributions, communication, and collaboration skills.	

Course coordinator:

Name	Signature	Academic Year
Assoc. Prof. Ali Samir		2024-2025

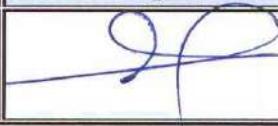
Ministry of Higher Education

Higher Institute of Engineering and Technology at Manzalla

Established by Ministerial Resolution No. (2354) of 2019



**Name and Signature Head of the Department Council:**

Name	Signature	Academic Year
Assoc.Prof. Ali Samir		2024-2025



Academic Year

2024-2025

Semester

Second

**1. Basic Information:**

Course Title (according to the bylaw)	Mechanics (2)		
Course Code (according to the bylaw)	BS023		
Department/s that participated in the teaching:	Basic science department		
Number of credit hours/points of the course (according to the bylaw)			
Lecture	Tutorial / Laboratory	Total contact	
2	2	4	
Course Type	<input checked="" type="checkbox"/> Compulsory		<input type="checkbox"/> Elective
Academic level at which the course is taught	Preparatory year		
Academic Program	All Program		
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla		
University/Academy	Manzalla Academy		
Name of Course Coordinator	Prof. Attia Aref		
Course Report Approval Date	16 August 2025		
Course Report Approval	Institute Council No. (12) on 16 August 2025		

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
1	-	1	-

Instructor Name	Department	Academic degree	Specialty
Prof. Attia Aref	Basic Science	Professor	Mechanical Engineering
Eng. Hayah Samy	Basic Science	Demonstrator	Applied Mathematics



Notes (if any): N/A

#### Teaching and Learning

Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	30	--	14	

Notes (if any) on:

Topics not covered in this course are: **Center of gravity.**  
 There is no change in teaching methods, hours and contents.

#### Student Assessment Methods that have been Implemented

Method of assessment*	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	6	Solve Problems	CLO1, CLO2, CLO3
Mid-Term Exam	Week 8	18	Theoretical questions and solve Problems	CLO1, CLO2, CLO3
Final written Exam	16	60	Theoretical questions and solve Problems	CLO1, CLO2, CLO3, CLO4.
Final practical Exam	-	0	-	-
Activities and assignments	Every week	16	Solve Problems, Reports.	CLO5, CLO6
Oral Exam (if exists)	-	-	-	-

• The examination committees are selected through the Department Council based on specialization.  
 A second examiner is chosen within the same field as the first examiner.  
 • External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print



- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

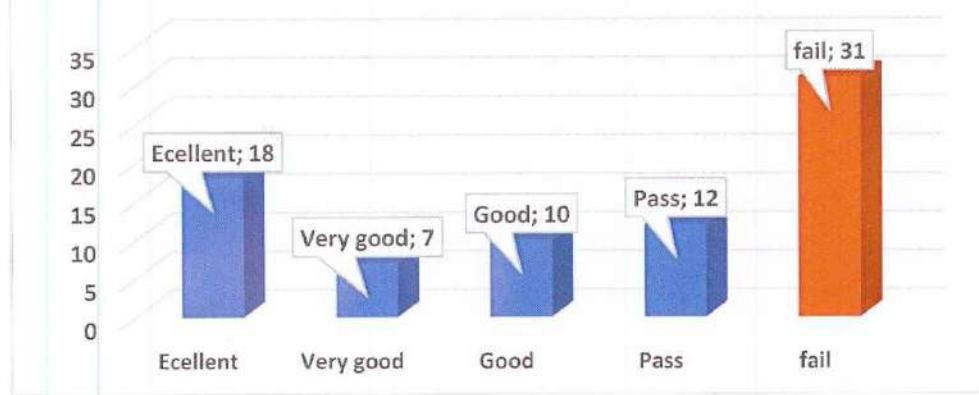
#### Student Assessment Results

Number of students (who started the course):	93
Number of students (who completed the course/ sat for the exam):	89
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	4
Total number of students who passed the exams successfully:	49
Percentage of success (out of the total number of students who sat for the final exam)	55.1%

#### Grade Distribution \*

Grade	Excellent	Very good	Good	Pass	Fail
Number of students	18	7	10	14	40
Percentage	23%	9%	13%	18%	51%

#### Mechanics 2



Total number of students who failed the exams:	40
Percentage of failure (for the total number of students who took the final exam)	51%



- The grade distribution reveals a curve with the majority of students scoring between Good and very good (10 and 7 students, respectively). Notably, grades Excellent were awarded to 18 students, showing that a sizable portion of the class achieved high academic performance. Additionally, only 31 students (40%) received a Fail grade.

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	85 / 89
Percentage of participants to the total number	95.5%
Important points of satisfaction	<ul style="list-style-type: none"><li>The faculty member treats students appropriately.</li><li>The teaching assistant has a good understanding of the course content.</li><li>The teaching assistant evaluates students fairly and transparently.</li></ul>
Important points of dissatisfaction	<ul style="list-style-type: none"><li>The educational tools used in teaching greatly assist me in following and understanding the course content.</li><li>The available IT facilities are adequate for implementing the e-learning system.</li></ul>

### 4. Instructors Reflection \*

- The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

### 5. Course Enhancement

All previous Actions required have been achieved



**Course development plan for the next academic semester/year**

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Recording lectures and sessions	Upgrade recoding equipment and tools.	Enable auto recording features.	
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	

**Course coordinator:**

Name	Signature	Academic Year
Prof. Attia Aref		2024-2025

**Name and Signature Head of the Department Council:**

Name	Signature	Academic Year
Assoc. Prof. Ali Samir		2024-2025



Academic Year

2024-2025

Semester

Second

**1. Basic Information:**

Course Title (according to the bylaw)	Engineering Drawing and Projection (2)		
Course Code (according to the bylaw)	MEC024		
Department/s that participated in the teaching:	Basic science department		
Number of credit hours/points of the course (according to the bylaw)			
Lecture	Tutorial / Laboratory	Total contact	
2	3	5	
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective	
Academic level at which the course is taught	Preparatory year		
Academic Program	All Program		
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla		
University/Academy	Manzalla Academy		
Name of Course Coordinator	Assoc. Prof. Yassin EL Sayed Yassin		
Course Report Approval Date	16 August 2025		
Course Report Approval	Institute Council No. (12) on 16 August 2025		

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
-	1	1	-

Instructor Name	Department	Academic degree	Specialty
Assoc. Prof. Yassin EL Sayed Yassin.	Basic Science	Assistant professor	Mechanical Engineering



Eng. Badr Elsaed. Eng. Mahmoud Elkazaz. Eng. Mahmoud Hesham.	Basic Science	Demonstrator	Communication Engineering
<b>Notes (if any):</b> N/A			

#### Teaching and Learning

Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	45	--	14	

**Notes (if any) on:**

Topics not covered in this course are: **introduction to drawing using the computer (auto CAD).**  
There is no change in teaching methods, hours and contents.

#### Student Assessment Methods that have been Implemented

Method of assessment *	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	7.5	Solve Problems	CLO1, CLO2, CLO3, CLO4.
Mid-Term Exam	Week 8	22.5	Solve Problems	CLO1, CLO2, CLO3
Final written Exam	16	75	Solve Problems	CLO1, CLO2, CLO3, CLO4, CLO5.
Final practical Exam	14	0	-	-
Activities and assignments	Every week	20	Solve Problems, Reports.	CLO5, CLO6
Oral Exam (if exists)	-	-	-	-

- The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.
- External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print



- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

Student Assessment Results																	
Number of students (who started the course):					90												
Number of students (who completed the course/ sat for the exam):					85												
Number of students who did not attend the final written exam (absent-deprived-withdrawn):					5												
Total number of students who passed the exams successfully:					47												
Percentage of success (out of the total number of students who sat for the final exam)					55.3%												
Grade Distribution *																	
Grade	Excellent	Very good	Good	Pass	Fail												
Number of students	-	2	5	40	38												
Percentage	0%	2.4%	5.9%	47.1%	44.7%												
Engineering Drawing and Projection (2)																	
<table border="1"> <thead> <tr> <th>Grade</th><th>Number of students</th> </tr> </thead> <tbody> <tr> <td>Excellent</td><td>0</td></tr> <tr> <td>Very good</td><td>2</td></tr> <tr> <td>Good</td><td>5</td></tr> <tr> <td>Pass</td><td>40</td></tr> <tr> <td>fail</td><td>38</td></tr> </tbody> </table>						Grade	Number of students	Excellent	0	Very good	2	Good	5	Pass	40	fail	38
Grade	Number of students																
Excellent	0																
Very good	2																
Good	5																
Pass	40																
fail	38																
Total number of students who failed the exams:					38												
Percentage of failure (for the total number of students who took the final exam)					44.7%												



- The grade distribution reveals a line with the majority of students scoring between Good and very good (3 and 3 students, respectively). Notably, grades Excellent were awarded to 0 students. Additionally, 27 students (30.7%) received a Fail grade.

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	80 / 90
Percentage of participants to the total number	88.8%
Important points of satisfaction	<ul style="list-style-type: none"><li>• The faculty member treats students appropriately.</li><li>• The teaching assistant has a good understanding of the course content.</li></ul>
Important points of dissatisfaction	<ul style="list-style-type: none"><li>• The educational tools used in teaching greatly assist me in following and understanding the course content.</li></ul>

### 4. Instructors Reflection \*

- **The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- **The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

### 5. Course Enhancement

All previous Actions required have been achieved

Course development plan for the next academic semester/year



No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Introducing new topics and using more administrative tools.	Integrate relevant update content and digitalize course management.	Use notifications, digital tracking sheets and upgrade sessions.	
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	Modified sessions manual including results sheets and exercise sheets, which improved practical sessions.	Standardize and digitize session materials and result tracking.	Create structured templates, use shared folders and provide facilitator orientation.	

**Course coordinator:**

Name	Signature	Academic Year
Assoc. Prof. Yassin EL Sayed Yassin		2024-2025

**Name and Signature Head of the Department Council:**

Name	Signature	Academic Year
Assoc. Prof. Ali Samir		2024-2025



Academic Year

2024-2025

Semester

Second

**1. Basic Information:**

Course Title (according to the bylaw)	Chemistry	
Course Code (according to the bylaw)	BS 025	
Department/s that participated in the teaching:	Basic science department	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	2	4
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	Preparatory year	
Academic Program	All Program	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Dr. Reda Shaaban Salama	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
-	1	1	-
Instructor Name			
Dr. Reda Shaaban Salama	Basic Science	Assistant professor	Physical chemistry
Eng. Noura Atef	Basic Science	Demonstrator	chemistry



Notes (if any): N/A

#### Teaching and Learning

Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	30	--	21	

Notes (if any) on:

Topics not covered in this course are: Air Pollution and the fertilizer industry.

There is no change in teaching methods, hours and contents.

#### Student Assessment Methods that have been Implemented

Method of assessment *	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	4.5	Multiple Choice	CLO1, CLO2, CLO3
Mid-Term Exam	Week 8	13.5	Multiple Choice, Theoretical questions and solve Problems	CLO1, CLO2, CLO3
Final written Exam	16	60	Multiple Choice, Theoretical questions and solve Problems	CLO1, CLO2, CLO3
Final practical Exam	15	10	Experimental	CLO4
Activities and assignments	Every week	12	Solve Problems, Reports and mind maps, prototype and simulation projects	CLO5, CLO6
Oral Exam (if exists)	-			

- The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.



- External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print
- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

Student Assessment Results																	
Number of students (who started the course):					84												
Number of students (who completed the course/ sat for the exam):					78												
Number of students who did not attend the final written exam (absent-deprived-withdrawn):					5												
Total number of students who passed the exams successfully:					67												
Percentage of success (out of the total number of students who sat for the final exam)					85%												
Grade Distribution *																	
Grade	Excellent	Very good	Good	Pass	Fail												
Number of students	9	14	17	27	11												
Percentage	11.5%	16.9%	21.8%	34.6%	14.1%												
<table border="1"> <caption>Chemistry Grade Distribution</caption> <thead> <tr> <th>Grade</th> <th>Number of students</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td>9</td> </tr> <tr> <td>Very good</td> <td>14</td> </tr> <tr> <td>Good</td> <td>17</td> </tr> <tr> <td>Pass</td> <td>27</td> </tr> <tr> <td>fail</td> <td>11</td> </tr> </tbody> </table>						Grade	Number of students	Excellent	9	Very good	14	Good	17	Pass	27	fail	11
Grade	Number of students																
Excellent	9																
Very good	14																
Good	17																
Pass	27																
fail	11																



Total number of students who failed the exams:	11
Percentage of failure (for the total number of students who took the final exam)	14.1%
The grade distribution reveals a slightly right-skewed curve with a large portion of students (27) fall into the Pass category. The majority of students scoring between Good and very good (17 and 14 students, respectively). Notably, grades Excellent were awarded to 9 students, showing that a sizable portion of the class achieved high academic performance. Additionally, only 11 students (14.1%) received a Fail grade.	

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	70/78
Percentage of participants to the total number	89%
Important points of satisfaction	<ul style="list-style-type: none"> <li>The objectives of the course were clearly explained in the first lecture.</li> <li>The teaching method helps in discussion and dialogue to reach concepts and facts collectively.</li> <li>The faculty member adheres to the scheduled lecture times as announced.</li> <li>The teaching method included activities that helped me acquire self-learning skills.</li> </ul>
Important points of dissatisfaction	<ul style="list-style-type: none"> <li>The library resources (books, references, notes) help me in understanding and studying the material.</li> <li>The assessment methods are varied (written, practical, oral) to measure my understanding and practical skills.</li> </ul>

### 4. Instructors Reflection \*



- **The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- **The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

## 5. Course Enhancement

One corrective action proposed in the previous academic year was to add a new topic related to the fertilizer industry. However, this was not achieved due to time constraints and the prioritization of core syllabus content to ensure coverage before final assessments.

### Course development plan for the next academic semester/year

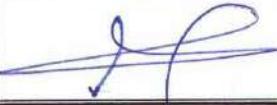
No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Addition of a topic on the fertilizer industry	Include the topic in the final two weeks of the course	Update course specification and lecture schedule accordingly	Postponed from previous year
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	Improve student understanding in weak areas such as chemical equilibrium	Provide supplementary learning materials and video tutorials	Upload topic-focused videos and handouts on LMS	Based on student performance
4	Increase practical engagement in laboratory sessions	Introduce mini-projects or real-world applications	Assign group experiments linked to industrial scenarios	

### Course coordinator:



Name	Signature	Academic Year
Dr. Reda Shaaban Salama		2024-2025

Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Ali Samir		2024-2025



Academic Year

2024-2025

Semester

Second

**1. Basic Information:**

Course Title (according to the bylaw)	Production Engineering	
Course Code (according to the bylaw)	MEC026	
Department/s that participated in the teaching:	Basic science department	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	3	5
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	Preparatory year	
Academic Program	All Program	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Assoc. Prof. Yassin EL Sayed Yassin	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
-	1	-	1
Instructor Name	Department	Academic degree	Specialty



Assoc. Prof. Yassin EL Sayed Yassin	Basic Science	Associate Professor	Mechanical Engineering
Eng. Aly Ezz Eldeen Eng. Ramadan Shaltout Eng. Tarek Dabl.	Basic Science	Demonstrator	Communication Engineering
<b>Notes (if any):</b> N/A			

Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	45	--	14	
<b>Notes (if any) on:</b>					
Topics not covered in this course are: <b>Drilling – grinding.</b> There is no change in teaching methods, hours and contents.					

Student Assessment Methods that have been Implemented				
Method of assessment *	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	5	Solve Problems	CLO1, CLO2, CLO3
Mid-Term Exam	Week 8	15	Theoretical questions and solve Problems	CLO1, CLO2, CLO3, CLO5.
Final written Exam	16	75	Theoretical questions and solve Problems	CLO1, CLO2, CLO3, CLO4, CLO5, CLO6.
Final practical Exam	15	10	Practical questions	CLO2, CLO4, CLO5
Activities and assignments	Every week	20	Solve Problems, Reports.	CLO3, CLO6
Oral Exam (if exists)	-	-	-	-
<ul style="list-style-type: none"> <li>The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.</li> </ul>				



- External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print
- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

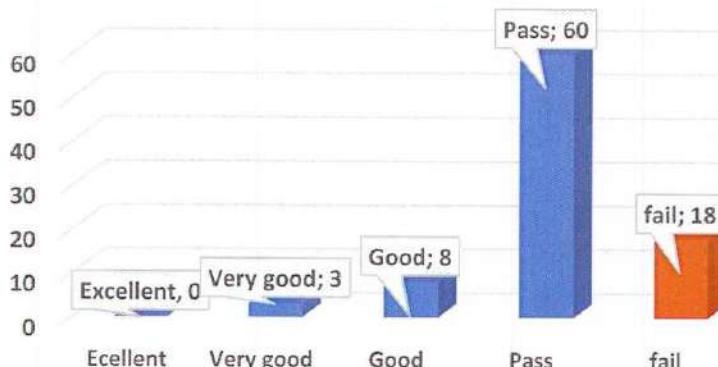
#### Student Assessment Results

Number of students (who started the course):	95
Number of students (who completed the course/ sat for the exam):	89
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	6
Total number of students who passed the exams successfully:	71
Percentage of success (out of the total number of students who sat for the final exam)	79.8%

#### Grade Distribution \*

Grade	Excellent	Very good	Good	Pass	Fail
Number of students	0	3	8	60	18
Percentage	0%	4.3%	9%	67.4%	20.2%

#### Production Engineering





Total number of students who failed the exams:	18
Percentage of failure (for the total number of students who took the final exam)	20.2%
<ul style="list-style-type: none"> <li>The grade distribution reveals a bell with the majority of students scoring between Good and very good (8 and 3 students, respectively). Notably, grades Excellent were awarded to 0 students, showing that a sizable portion of the class achieved high academic performance. Additionally, only 18 students (20.2%) received a Fail grade.</li> </ul>	

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	84 / 89
Percentage of participants to the total number	94.3%
Important points of satisfaction	<ul style="list-style-type: none"> <li>The faculty member adheres to the scheduled lecture times as announced.</li> <li>The faculty member has personal qualities that are acceptable to students.</li> <li>The faculty member uses a variety of teaching methods.</li> </ul>
Important points of dissatisfaction	<ul style="list-style-type: none"> <li>The available IT facilities are adequate for implementing the e-learning system.</li> </ul>

### 4. Instructors Reflection \*

- The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.



## 5. Course Enhancement

All previous Actions required have been achieved

Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	include regular updating of new ideas and devising new methods.	Conduct periodic curriculum reviews and integrate recent industry trends.	Bi-semester review meetings and integration of new topics into lectures.	
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	Create new ideas and methods and includes the process of development of new products by manipulating the already existing materials.	Introduce innovation-based assignments and projects.	Project-based learning and hands-on sessions using modified existing materials.	

Course coordinator:

Name	Signature	Academic Year
Assoc. Prof. Yassin EL Sayed Yassin		2024-2025

Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Assoc. Prof. Ali Samir		2024-2025



Academic Year

2024-2025

Semester

Second

**1. Basic Information:**

Course Title (according to the bylaw)	Engineering and environment	
Course Code (according to the bylaw)	BS027	
Department/s that participated in the teaching:	Basic science department	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	0	2
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	Preparatory year	
Academic Program	All Program	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Prof. Attia Aref	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
1	-	-	-
Instructor Name	Department	Academic degree	Specialty



Prof. Attia Aref	Basic Science	Professor	Mechanical Engineering
Notes (if any):	N/A		

Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....,)	Total number Of training hours (practical/clinical/...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	-	-	14	-
Notes (if any) on:					
Topics not covered in this course are: Increasing the ability of production and developing the productivity.					
There is no change in teaching methods, hours and contents.					

Student Assessment Methods that have been Implemented				
Method of assessment *	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	1.5	Multiple choice	CLO1, CLO2, CLO3
Mid-Term Exam	Week 8	6.75	Multiple choices, Theoretical questions.	CLO1, CLO2, CLO3.
Final written Exam	16	35	Multiple choices, Theoretical questions.	CLO1, CLO2, CLO3, CLO4, CLO5, CLO6.
Final practical Exam	-	0	-	-
Activities and assignments	Every week	6.75	Reports.	CLO3, CLO6
Oral Exam (if exists)	-	-	-	-
<ul style="list-style-type: none"> <li>The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.</li> <li>External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print</li> </ul>				



- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

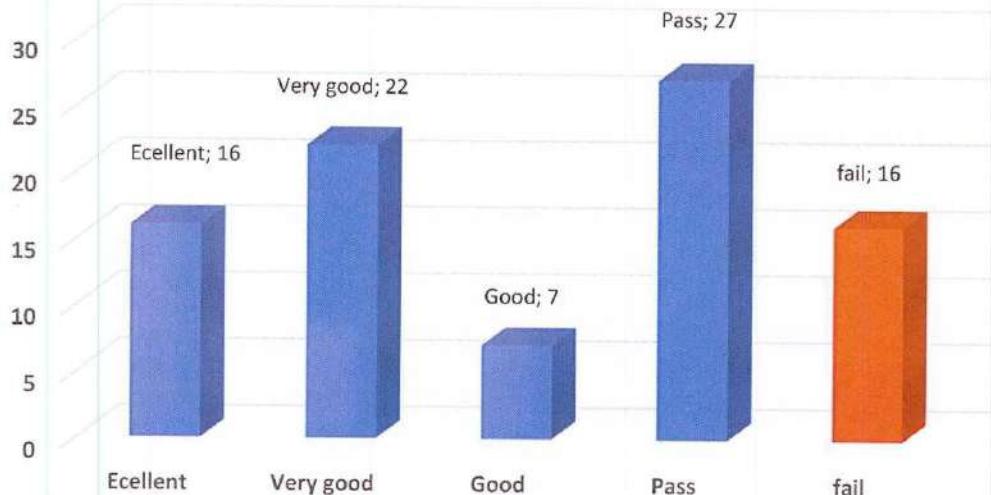
#### Student Assessment Results

Number of students (who started the course):	95
Number of students (who completed the course/ sat for the exam):	88
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	4
Total number of students who passed the exams successfully:	72
Percentage of success (out of the total number of students who sat for the final exam)	81.8%

#### Grade Distribution \*

Grade	Excellent	Very good	Good	Pass	Fail
Number of students	16	22	7	27	16
Percentage	18.2%	25%	8%	30.7%	18.2%

#### Engineering and environment





Total number of students who failed the exams:	16
Percentage of failure (for the total number of students who took the final exam)	18.2%
<ul style="list-style-type: none"> <li>The grade distribution reveals a curve with the majority of students scoring between Good and very good (7 and 22 students, respectively). Notably, grades Excellent were awarded to 16 students, showing that a sizable portion of the class achieved high academic performance. Additionally, only 16 students (18.2%) received a Fail grade.</li> </ul>	

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	83 / 88
Percentage of participants to the total number	94.3%
Important points of satisfaction	<ul style="list-style-type: none"> <li>The faculty member adheres to the scheduled lecture times as announced.</li> <li>The faculty member has personal qualities that are acceptable to students.</li> <li>The faculty member uses a variety of teaching methods.</li> </ul>
Important points of dissatisfaction	<ul style="list-style-type: none"> <li>The available IT facilities are adequate for implementing the e-learning system.</li> </ul>

### 4. Instructors Reflection \*

- The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.



## 5. Course Enhancement

Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Introduce enrichment activities, such as advanced projects, research opportunities, and academic competitions, to challenge high-performing students.	Design and offer optional advanced modules and competitions	Partner with research centers; announce via LMS and email	
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	Implement continuous assessment techniques to monitor student progress throughout the course and provide timely support.	Develop quizzes, assignments, and feedback checkpoints	Bi-weekly quizzes and instructor feedback through LMS	
4	Consider participating in extracurricular activities, such as attending workshops, seminars, or conferences related to engineering and the environment.	Share opportunities and motivate students to attend	Collaborate with student clubs and post announcements on LMS	

Course coordinator:

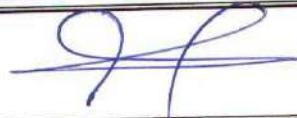
Name	Signature	Academic Year
Prof. Atteia Aref		2024-2025

Name and Signature Head of the Department Council:

Name	Signature	Academic Year



Assoc. Prof. Ali Samir



2024-2025



Academic Year

2024-2025

Semester

First

**1. Basic Information:**

Course Title (according to the bylaw)	Mathematics, Statistics and Programming	
Course Code (according to the bylaw)	BS 111	
Department/s that participated in the teaching:	Basic Science Department	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	2	4
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	First year	
Academic Program	Architecture Engineering Program	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Prof. Dr. Osama Mohareb	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
-	1	-	-



Instructor Name	Department	Academic degree	Specialty
Prof. Osama Mohareb	Basic Science	Professor	Mathematical Statistics
Eng. Hayah Samy	Basic Science	Demonstrator	Applied Mathematics
<b>Notes (if any):</b> N/A			

Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....)	Total number Of training hours (practical/clinical/...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	30	--	14	
<b>Notes (if any) on:</b>					
Topics not covered in this course are Statistics.					
There is no change in teaching methods, hours and contents.					

Student Assessment Methods that have been Implemented				
Method of assessment *	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	3	Solve Problems	CLO1, CLO2, CLO3.
Mid-Term Exam	Week 8	13.5	Theoretical questions and solve Problems	CLO1, CLO2, CLO3, CLO4.
Final written Exam	16	70	Theoretical questions and solve Problems	CLO1, CLO2, CLO3, CLO4.
Final practical Exam	-	0		-

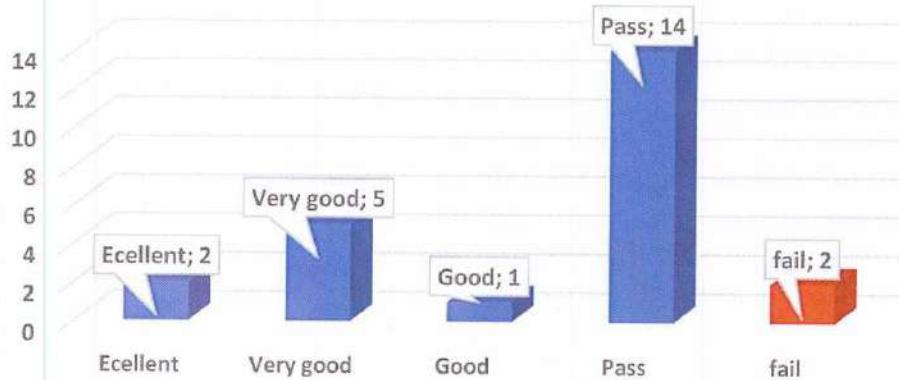


Activities and assignments	Every week	13.5	Solve Problems, Reports.	CLO5, CLO6.
Oral Exam (if exists)	-	-	-	-
<ul style="list-style-type: none"> <li>The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.</li> <li>External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blueprint</li> <li>Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.</li> <li>The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.</li> </ul>				

Student Assessment Results					
Number of students (who started the course):					24
Number of students (who completed the course/ sat for the exam):					24
Number of students who did not attend the final written exam (absent-deprived-withdrawn):					0
Total number of students who passed the exams successfully:					20
Percentage of success (out of the total number of students who sat for the final exam)					83.3%
Grade Distribution					
Grade	Excellent	Very good	Good	Pass	Fail
Number of students	7	1	3	9	4
Percentage	29.2%	4.2%	12.5%	37.5%	16.7%



### Engineering Mathematics (3)



Total number of students who failed the exams:

4

Percentage of failure (for the total number of students who took the final exam)

16.7%

- The grade distribution reveals a curve with the majority of students scoring between Good and very good (1 and 3 students, respectively). Notably, grades Excellent were awarded to 7 students, showing that a sizable portion of the class achieved high academic performance. Additionally, only 4 students (16.7%) received a Fail grade.

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	22/ 25
Percentage of participants to the total number	88%



Important points of satisfaction	<ul style="list-style-type: none"><li>- The faculty member adheres to the scheduled lecture times as announced.</li><li>- The faculty member has personal qualities that are acceptable to students.</li></ul>
Important points of dissatisfaction	<ul style="list-style-type: none"><li>- The available IT facilities are adequate for implementing the e-learning system.</li></ul>

#### 4. Instructors Reflection \*

- **The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented and improving student performance.
- **The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.



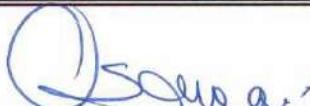


## 5. Course Enhancement

### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Increase sessions and applications.	Add more practical sessions and real-life application exercises.	Schedule additional lab/practical hours; integrate case studies and simulations.	
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	Providing courses for students in the English language to help them understand the questions.	Develop and offer English language support modules.	Conduct English language workshops; integrate language assistance into the curriculum.	

#### Course coordinator:

Name	Signature	Academic Year
Prof. Dr. Osama Mohareb		2024-2025

#### Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year

2024-2025

Semester

First

**1. Basic Information:**

Course Title (according to the bylaw)	Architectural Design (1)	
Course Code (according to the bylaw)	ARE 111	
Department/s that participated in the teaching:	Architecture Engineering Department	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	4	6
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	First Year	
Academic Program	Architectural Engineering Program	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Prof. Dr. Tarek Abu Auf	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
1	-	3	-



Instructor Name	Department	Academic degree	Specialty
Prof. Dr. Tarek Abu Auf	Architectural Engineering	professor	Architectural Design
Eng. Dina Rizk	Architectural Engineering	Demonstrator	Architectural Engineering
Eng. Mariam Ezz	Architectural Engineering	Demonstrator	Architectural Engineering
Eng. Somaya Mohamed	Architectural Engineering	Demonstrator	Architectural Engineering
<b>Notes (if any):</b>	N/A		

Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	60	--	46	
<b>Notes (if any) on:</b>					
Topics not covered in this course are: elevations +Illustrate more detailed sketches for project. There is no change in teaching methods, hours and contents.					

Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	13.5	Sketches	CLO2, CLO4, CLO5, CLO6.
Mid-Term Exam	Week 8	27	Drawing and solve Problems	CLO3, CLO5, CLO6.
Final written Exam	16	60	Drawing and solve Problems	CLO2, CLO3, CLO5, CLO6.
Final practical Exam	-	-	-	-
Activities and assignments	Every week	49.5	Drawing, Solve Problems, Reports and mind maps, and	CLO1, CLO2, CLO3, CLO4, CLO5, CLO7.

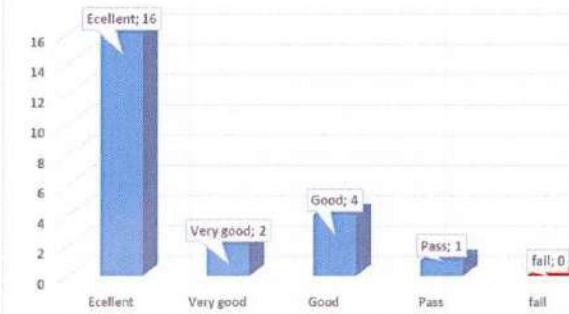


Oral Exam (if exists)	(As Schedule)	25	simulation projects Solve Problems and simulation projects	CLO1, CLO3, CLO7.
<ul style="list-style-type: none"> <li>The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.</li> <li>External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blueprint</li> <li>Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.</li> <li>The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.</li> </ul>				

Student Assessment Results					
Number of students (who started the course):					23
Number of students (who completed the course/ sat for the exam):					23
Number of students who did not attend the final written exam (absent-deprived-withdrawn):					-
Total number of students who passed the exams successfully:					23
Percentage of success (out of the total number of students who sat for the final exam)					100%
Grade Distribution *					
Grade	Excellent	Very good	Good	Pass	Fail
Number of students	16	2	4	1	0
Percentage	69.6%	8.7%	17.4%	4.3%	0%



Architectural design (1)



Total number of students who failed the exams:	0
Percentage of failure (for the total number of students who took the final exam)	0%
<ul style="list-style-type: none"> <li>The grade distribution indicates a positively skewed curve, with the majority of students achieving high grades. A notable 16 students (69.6%) earned an Excellent grade, reflecting strong academic performance across the class. Very Good and Good grades were awarded to 2 (8.7%) and 4 students (17.4%) respectively, indicating a smaller portion of students falling in the mid-performance range. Only one student (4.3%) received a Pass grade, and no students failed the course, suggesting overall successful learning outcomes.</li> </ul>	

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	22 / 23
Percentage of participants to the total number	95.6%
Important points of satisfaction	<ul style="list-style-type: none"> <li>The objectives of the course were clearly explained in the first lecture.</li> <li>The educational tools used in teaching greatly assist me in following and understanding the course content.</li> </ul>



#### Important points of dissatisfaction

- Limited opportunities for students to review their exam papers and learn from their mistakes, which may hinder reflective learning and academic improvement.

#### 4. Instructors Reflection \*

- **The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- **The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

#### 5. Course Enhancement

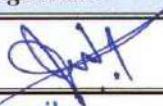
One corrective action proposed in the previous academic year was to architectural maquette workshop. However, this was not achieved due to time constraints and the prioritization of core syllabus content to ensure coverage before final assessments.

#### Course development plan for the next academic semester/year

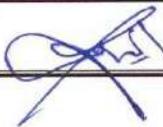
No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Integration of Architectural Maquette Workshop	Introduce a dedicated hands-on maquette workshop within studio hours	Schedule 1–2 sessions during mid-semester; provide materials and guidance	Postponed from previous year
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	Enhance conceptual design thinking skills	Introduce concept development sessions with examples and critiques	Provide tutorials + allocate marks for digital submission	Based on student design challenges



Course coordinator:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025

Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year

2024-2025

Semester

First

**1. Basic Information:**

Course Title (according to the bylaw)	Building construction (I)		
Course Code (according to the bylaw)	ARE 112		
Department/s that participated in the teaching:	Architectural Engineering Department		
Number of credit hours/points of the course (according to the bylaw)			
Lecture	Tutorial / Laboratory	Total contact	
2	4	6	
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective	
Academic level at which the course is taught	First year		
Academic Program	Architectural Engineering Program		
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla		
University/Academy	Manzalla Academy		
Name of Course Coordinator	Prof. Dr. Huda El Baz		
Course Report Approval Date	16 August 2025		
Course Report Approval	Institute Council No. (12) on 16 August 2025		

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
-	1	3	-
Instructor Name	Department	Academic degree	Specialty



Dr. Huda El Baz	Architecture	Professor	Architectural design
Eng. Somaya Mohammed	Architecture	Demonstrator	
Eng. Manar Bakry	Architecture	Demonstrator	
Eng. Kholoud Ahmed	Architecture	Demonstrator	
Notes (if any): N/A			

Teaching and Learning						
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)	
15	30	60	-	42	-	
Notes (if any) on:						
Topics not covered in this course are: Introduction to technical sanitary installations There is no change in teaching methods, hours and contents.						

Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	11	Sketches for Foundations & plans, Theoretical questions and Solving Problems and True OR False	CLO3, CLO4, CLO7, CLO8
Mid-Term Exam	Week 8	23	Multiple Choice,	CLO1, CLO2, CLO3,



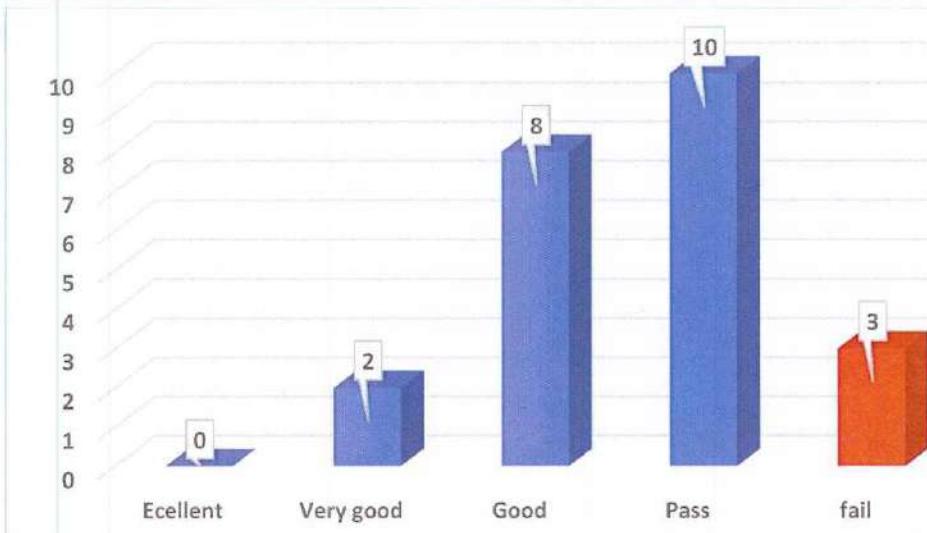
			True OR False, Construction drawing for plan and section	CLO4
Final written Exam	16	100	Theoretical questions and Solve Problems, Construction drawing for plan and section	CLO2, CLO3, CLO4, CLO5, CLO6, CLO7, CLO8, CLO9
Final practical Exam	-	-	-	-
Activates and assignments	Every week	41	Construction drawing for plan, elevations and section	CLO4, CLO7
Oral Exam (if exists)	-	-	-	-

- The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.
- External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blueprint
- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

Student Assessment Results	
Number of students (who started the course):	23
Number of students (who completed the course/ sat for the exam):	23
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	-



Total number of students who passed the exams successfully:					20
Percentage of success (out of the total number of students who sat for the final exam)					87%
<b>Grade Distribution *</b>					
Grade	Excellent	Very good	Good	Pass	Fail
Number of students	0	2	8	10	3
Percentage	0	8.7%	34.8%	43.5%	13%



Total number of students who failed the exams:	3
Percentage of failure (for the total number of students who took the final exam)	13%

- The grade distribution reveals a curve concentrated around the “Pass” and “Good” categories, with 43.5% of students passing and 34.8% achieving a “Good” grade. A smaller proportion of students (8.7%) performed at the “Very Good” level, while no students reached the “Excellent” category. Notably, 13% of the class failed, indicating that although most students demonstrated satisfactory achievement, the overall distribution is slightly skewed toward the lower performance levels.



### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	22/ 23
Percentage of participants to the total number	95.6%
Important points of satisfaction	<p><i>The teaching assistant provides all necessary support to each student when needed.</i></p> <p><i>The teaching assistant interacts with students in a respectful and appropriate manner.</i></p>
Important points of dissatisfaction	<i>The staff member is present and available to students during designated office hours.</i>

### 4. Instructors Reflection \*

- **The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- **The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.



## 5. Course Enhancement

### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Introduction to technical sanitary installations	Include a dedicated module on sanitary installations	Update course specification and lecture schedule accordingly	New addition for the upcoming academic year
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	Improve student understanding in weak areas such as structural systems and construction details	Provide supplementary learning materials and visual case studies	Upload topic-focused presentations and drawings on LMS	Based on student performance
4	Limited hands-on application of construction concepts	Integrate practical case-based exercises into the course	Organize small group projects analyzing real construction details and site conditions	to enhance applied learning and teamwork skills

### Course coordinator:

Name	Signature	Academic Year
Dr. Huda El Baz		2024-2025

### Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year

2024-2025

Semester

First

**1. Basic Information:**

Course Title (according to the bylaw)	History & Theories of Architecture (I)	
Course Code (according to the bylaw)	ARE 113	
Department/s that participated in the teaching:	Architecture Engineering Department	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
3	-	3
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	First Year	
Academic Program	Architectural Engineering Department	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Prof. Dr. Marwa El Adham	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
1	-	-	-
Instructor Name	Department	Academic degree	Specialty
Prof. Dr. Marwa El Adham	Architectural Department	Assistant professor	Architecture and environmental design
Notes (if any):	N/A		



### Teaching and Learning

Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....)	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	45	--	--	13	

#### Notes (if any) on:

Topics not covered in this course are Criteria and principles of planning and designing parking lots.

There is no change in teaching methods, hours and contents.

### Student Assessment Methods that have been Implemented

Method of assessment *	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	6	Case Study of Historical Buildings	CLO4, CLO5, CLO6
Mid-Term Exam	Week 8	12	Multiple Choice	CLO4, CLO5, CLO6
Final written Exam	16	60	Multiple Choice	CLO4, CLO5, CLO6
Final practical Exam	-	-	-	-
Activities and assignments	Every week	22	Analytical Drawings, Architectural Visualization, Mini Research Projects + Analytical Drawings and Mini project	CLO1, CLO2, CLO3, CLO4
Oral Exam (if exists)	-	-	-	-

• The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.  
 • External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blueprint



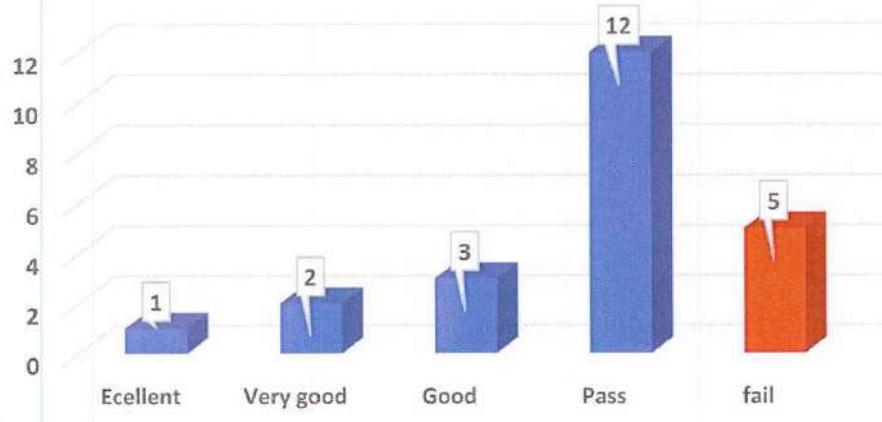
- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

#### Student Assessment Results

Number of students (who started the course):	23
Number of students (who completed the course/ sat for the exam):	23
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	5
Total number of students who passed the exams successfully:	18
Percentage of success (out of the total number of students who sat for the final exam)	78.2%

#### Grade Distribution \*

Grade	Excellent	Very good	Good	Pass	Fail
Number of students	1	2	3	12	5
Percentage	4.43%	8.86%	13%	52.17%	21.7%



Total number of students who failed the exams:	5
Percentage of failure (for the total number of students who took the final exam)	%21.7



- The grade distribution reveals a bell-shaped curve with the majority of students scoring between Good and very good (2 and 3 students, respectively). Notably, grades Excellent were awarded to 11 students, showing that a sizable portion of the class achieved high academic performance.

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	22 / 23
Percentage of participants to the total number	95.65%
Important points of satisfaction	<ul style="list-style-type: none"> <li>The educational resources (e.g., lab equipment, lecture halls) are sufficient to develop professional and practical skills.</li> <li>The assessment methods are varied (written, practical, oral) to measure my understanding and practical skills.</li> <li>The available IT facilities are adequate for implementing the e-learning system.</li> </ul>
Important points of dissatisfaction	<ul style="list-style-type: none"> <li>The teaching method doesn't help in discussion and dialogue to reach concepts and facts collectively.</li> <li>The faculty member is not committed to the course content.</li> <li>The faculty member is not available during designated office hours.</li> </ul>

### 4. Instructors Reflection \*

- The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- The scientific content** of the course is comprehensive and suitable for an introductory-level course in architectural history and theory. However, its educational value could be enhanced by:
  - Adding an analytical dimension, such as the influence of cultural and political context on architectural styles.
  - Linking historical content to theory, showing how historical developments influenced later architectural thinking.
  - Including mini case studies to demonstrate real-life applications of historical and theoretical principles.
- Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.



### 5. Course Enhancement

One corrective action proposed in the previous academic year was to add a new topic related to the fertilizer industry. However, this was not achieved due to time constraints and the prioritization of core syllabus content to ensure coverage before final assessments.

#### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Visiting historical building in Egypt.	Refine the wording for clarity and scope	<ul style="list-style-type: none"> <li>• pre-visit preparation</li> <li>• On-site activities</li> <li>• Post-visit reflection</li> </ul>	
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	Incorporate virtual tours of significant architectural sites and 3D models of historical buildings to give students a more immersive experience.	<ul style="list-style-type: none"> <li>• Enhance digital interactivity</li> <li>• Align with learning outcomes</li> <li>• Provide guided content</li> </ul>	<ul style="list-style-type: none"> <li>• Utilize specialized platforms</li> <li>• Analytical assignments</li> <li>• Complement physical visits</li> <li>• Encourage student-created models</li> </ul>	

#### Course coordinator:

Name	Signature	Academic Year
Dr. Marwa El Adham		2024-2025

#### Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year

2024-2025

Semester

First

**1. Basic Information:**

Course Title (according to the bylaw)	Theory of Structures		
Course Code (according to the bylaw)	CIVA111		
Department/s that participated in the teaching:	Civil Engineering Department		
Number of credit hours/points of the course (according to the bylaw)			
Lecture	Tutorial / Laboratory		Total contact
2	2		4
Course Type	<input checked="" type="checkbox"/> Compulsory		<input type="checkbox"/> Elective
Academic level at which the course is taught	First Year		
Academic Program	Architectural Engineering Program		
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla		
University/Academy	Manzalla Academy		
Name of Course Coordinator	Dr. Basem Osami Rageh		
Course Report Approval Date	16 August 2025		
Course Report Approval	Institute Council No. (12) on 16 August 2025		

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
-	1	1	-
Instructor Name			
Dr. Basem Osami Rageh	Civil Engineering	Assistant professor	Structural Engineering
Eng.Aya Ashraf	Civil Engineering	Demonstrator	Irrigation and Hydraulics
Notes (if any): N/A			



### Teaching and Learning

Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	30	--	28	

**Notes (if any) on:**

There is no change in teaching methods, hours and contents.

### Student Assessment Methods that have been Implemented

Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	4.5	solve Problems	CLO1, CLO2, CLO3 CLO4, CLO6
Mid-Term Exam	Week 8	13.5	solve Problems	CLO3
Final written Exam	16	70	solve Problems	CLO3 CLO4, CLO5
Final practical Exam	-	-	-	-
Activities and assignments	Every week	12	Solve Problems, Reports and simulation projects	CLO1, CLO2
Oral Exam (if exists)	-	-	-	-

- The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.
- External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print
- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

### Student Assessment Results

Number of students (who started the course):	24
Number of students (who completed the course/ sat for the exam):	24
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	Zero
Total number of students who passed the exams successfully:	20
Percentage of success (out of the total number of students who sat for the final exam)	83.33%

### Grade Distribution



Grade	Excellent	Very good	Good	Pass	Fail
Number of students	1	2	1	16	4
Percentage	4.17%	8.33%	4.17%	66.67%	16.67%



**Total number of students who failed the exams:** 4

**Percentage of failure (for the total number of students who took the final exam)** 16.67%

A total of 24 students attended the final exam. Among them, only 1 student achieved an **Excellent** grade, while 2 students obtained a **Very Good** grade. 1 student received a **Good** grade, and the majority, 16 students, were graded as **Pass**. However, 4 students failed to meet the passing criteria.

This distribution indicates that while a small percentage of students performed at a high academic level, a significant portion barely met the minimum requirements. The relatively high number of "Pass" and "Fail" grades suggests the need to enhance students' understanding of the course content through more interactive teaching methods, formative assessments, and real-life application examples.

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	21 / 24
Percentage of participants to the total number	87.5%



<b>Important points of satisfaction</b>	<ul style="list-style-type: none"> <li>The teaching method encourages discussion and dialogue to collectively reach concepts and facts.</li> <li>The Faculty Member is committed to effectively delivering information to students.</li> <li>The scientific references available in the library support students' comprehension and enhance their academic performance.</li> </ul>
<b>Important points of dissatisfaction</b>	--

#### 4. Instructors Reflection \*

- The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

#### 5. Course Enhancement

One corrective action proposed in the previous academic year was to learn more application for engineering design. However, this was not achieved due to time constraints

**Course development plan for the next academic semester/year**

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Learning more application for Engineering design	Enhance focus on real-world applications and practical design problems	<ul style="list-style-type: none"> <li>- Integrate simple design case studies related to architecture projects</li> <li>- Include practical exercises such as basic frame/system design tasks</li> <li>- Link theory to architectural examples and drawings commonly used in practice</li> </ul>	Postponed from previous year



2	Insufficient connection between structural theory and architecture	Link structural concepts with architectural drawings and practical implementation	Provide assignments requiring integration between structure and form	
3	Need for more engineering design exposure	Include basic design projects to reinforce theoretical knowledge	Assign simple structural design exercises (e.g., truss, beams, simple frames)	

**Course coordinator:**

Name	Signature	Academic Year
Dr. Basem Osami Rageh		2024-2025

**Name and Signature Head of the Department Council:**

Name	Signature	Academic Year
Prof. Dr. Tarek Abou Auf		2024-2025



Academic Year

2024-2025

Semester

First

**1. Basic Information:**

Course Title (according to the bylaw)	Surveying	
Course Code (according to the bylaw)	CIVA 112	
Department/s that participated in the teaching:	Civil Engineering	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	3	5
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	First Year	
Academic Program	Architectural Engineering	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Dr. Kareem Mohamed Foaad	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
-	1	1	-

Instructor Name	Department	Academic degree	Specialty
Dr. Kareem Mohamed Foaad	Civil Engineering	Lecturer	Public work Engineering
Eng. Hadeer Abdel-Moneim	Civil Engineering	Demonstration	Public work Engineering



Notes (if any): N/A

#### Teaching and Learning

Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....)	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	45	--	15	

Notes (if any) on:

There is no change in teaching methods, hours and contents.

#### Student Assessment Methods that have been Implemented

Method of assessment *	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	3	Multiple Choice, Theoretical questions and solve Problems	CLO3, CLO5
Mid-Term Exam	Week 8	9	Multiple Choice, Theoretical questions and solve Problems	CLO1, CLO2, CLO3
Final written Exam	16	70	Multiple Choice, Theoretical questions and solve Problems	CLO1, CLO2, CLO3, CLO4, CLO5, CLO6
Final practical Exam	14	10	Experimental	CLO3, CLO4, CLO5
Activities and assignments	Every week	8	Multiple Choice, Theoretical questions and solve Problems	CLO3, CLO5
Oral Exam (if exists)	-			

• The examination committees are selected through the Department Council based on specialization.  
 A second examiner is chosen within the same field as the first examiner.  
 • External evaluation of the exam was applied through using "Evaluation of the Examination Paper



in Terms of Form and content and Blue Print

- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

#### Student Assessment Results

<b>Number of students (who started the course):</b>	24																		
<b>Number of students (who completed the course/ sat for the exam):</b>	24																		
<b>Number of students who did not attend the final written exam (absent-deprived-withdrawn):</b>	0																		
<b>Total number of students who passed the exams successfully:</b>	22																		
<b>Percentage of success (out of the total number of students who sat for the final exam)</b>	91.7 %																		
<b>Grade Distribution *</b>																			
<b>Grade</b>	<b>Excellent</b>	<b>Very good</b>	<b>Good</b>	<b>Pass</b>	<b>Fail</b>														
<b>Number of students</b>	5	5	2	10	2														
<b>Percentage</b>	20.8 %	20.8 %	8.3 %	41.7 %	8.3 %														
<table border="1"> <caption>Grade Distribution Data</caption> <thead> <tr> <th>Grade</th> <th>Number of students</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td>5</td> <td>20.8 %</td> </tr> <tr> <td>Very good</td> <td>5</td> <td>20.8 %</td> </tr> <tr> <td>Good</td> <td>2</td> <td>8.3 %</td> </tr> <tr> <td>Pass</td> <td>10</td> <td>41.7 %</td> </tr> <tr> <td>fail</td> <td>2</td> <td>8.3 %</td> </tr> </tbody> </table>		Grade	Number of students	Percentage	Excellent	5	20.8 %	Very good	5	20.8 %	Good	2	8.3 %	Pass	10	41.7 %	fail	2	8.3 %
Grade	Number of students	Percentage																	
Excellent	5	20.8 %																	
Very good	5	20.8 %																	
Good	2	8.3 %																	
Pass	10	41.7 %																	
fail	2	8.3 %																	
<b>Total number of students who failed the exams:</b>	2																		



<b>Percentage of failure (for the total number of students who took the final exam)</b>	8.3 %
<ul style="list-style-type: none"> <li>The grade distribution reveals a bell-shaped curve with the majority of students scoring between Good and very good (2 and 5 students, respectively). Notably, grades. Additionally, only 2 students (8.3%) received a Fail grade.</li> </ul>	

### 3. Student Feedback

Item	Comment
<b>Means of Evaluation:</b>	Questionnaire (online on Dulms)
<b>Timing of Evaluation:</b>	After Mid-Term to the final Exam
<b>Number of students who participated in the course evaluation</b>	22 / 24
<b>Percentage of participants to the total number</b>	91.7 %
<b>Important points of satisfaction</b>	<ul style="list-style-type: none"> <li>The teaching method included activities that helped me acquire self-learning skills.</li> <li>The objectives of the course were clearly explained in the first lecture.</li> </ul>
<b>Important points of dissatisfaction</b>	<ul style="list-style-type: none"> <li>The available IT facilities are adequate for implementing the e-learning system.</li> <li>I am allowed to review my exam papers to learn from my mistakes.</li> </ul>

### 4. Instructors Reflection \*

- The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.



### 5. Course Enhancement

Among the proposed improvements in the previous academic year was the enhancement of practical exposure through an increased number of site visits. However, due to time constraints and the need to prioritize core academic content, this initiative could not be implemented as planned.

#### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
2	Increase exposure to real-world engineering practices	Organize site visits to active construction or infrastructure projects	Coordinate with local construction firms and schedule visits during the semester	Planned for first-year Civil Engineering students

#### Course coordinator:

Name	Signature	Academic Year
Dr. Kareem Mohamed Foaad		2024-2025

#### Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year

2024-2025

Semester

Second

**1. Basic Information:**

Course Title (according to the bylaw)	Architectural design (2)
Course Code (according to the bylaw)	ARE 121
Department/s that participated in the teaching:	Architectural Engineering Program

Number of credit hours/points of the course (according to the bylaw)

Lecture	Tutorial / Laboratory	Total contact
2	4	6
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught		First Year
Academic Program		Architectural Engineering Program
Faculty/Institute		Higher Institute of Engineering and Technology at Manzalla
University/Academy		Manzalla Academy
Name of Course Coordinator		Prof. Dr. Tarek Abu Auf
Course Report Approval Date		16 August 2025
Course Report Approval		Institute Council No. (12) on 16 August 2025

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
1	-	2	-
Instructor Name			
Prof. Dr. Tarek Abu Auf	Architectural Engineering	professor	Architectural Design
Eng. Somaya Mohamed	Architectural Engineering	Demonstrator	Architectural Engineering
Eng. Dina Rizk	Architectural Engineering	Demonstrator	Architectural Engineering
Notes (if any): N/A			



Teaching and Learning						
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)	
15	30	60	--	28		
<b>Notes (if any) on:</b>						
Topics not covered in this course are: application-based learning in architectural design. There is no change in teaching methods, hours and contents.						

Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	11	Sketches	CLO2, CLO4, CLO5
Mid-Term Exam	Week 8	23	Drawing and solve Problems	CLO2, CLO4, CLO5, CLO7
Final written Exam	16	60	Drawing and solve Problems	CLO2, CLO4, CLO5, CLO7
Final practical Exam	-	-	-	-
Activities and assignments	Every week	41	Drawing, Solve Problems, Reports and mind maps, and simulation projects	CLO2, CLO3, CLO4, CLO5, CLO7, CLO8
Oral Exam (if exists)	(As Schedule)	15	Solve Problems and simulation projects	CLO2, CLO3, CLO8
<ul style="list-style-type: none"> <li>The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.</li> <li>External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blueprint</li> <li>Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.</li> <li>The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.</li> </ul>				

Student Assessment Results	
Number of students (who started the course):	23
Number of students (who completed the course/ sat for the exam):	23
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	-
Total number of students who passed the exams successfully:	23



Percentage of success (out of the total number of students who sat for the final exam)						100%											
<b>Grade Distribution *</b>																	
Grade	Excellent	Very good	Good	Pass	Fail												
Number of students	16	3	2	2	0												
Percentage	69.6%	13%	8.7%	8.7%	0%												
<b>Architectural design (2)</b>																	
<table border="1"> <thead> <tr> <th>Grade</th> <th>Number of students</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td>16</td> </tr> <tr> <td>Very good</td> <td>3</td> </tr> <tr> <td>Good</td> <td>2</td> </tr> <tr> <td>Pass</td> <td>2</td> </tr> <tr> <td>Fail</td> <td>0</td> </tr> </tbody> </table>						Grade	Number of students	Excellent	16	Very good	3	Good	2	Pass	2	Fail	0
Grade	Number of students																
Excellent	16																
Very good	3																
Good	2																
Pass	2																
Fail	0																
Total number of students who failed the exams:						0											
Percentage of failure (for the total number of students who took the final exam)						0%											
<ul style="list-style-type: none"> <li>The grade distribution reflects a positively skewed curve, with the vast majority of students performing at a high level. 16 students (69.6%) received an Excellent grade, indicating strong academic achievement across the group. Additionally, 3 students (13%) earned a Very Good, while only 2 students each (8.7%) obtained a Good or Pass. Importantly, no students failed, highlighting a strong overall performance and suggesting that the course content and assessment methods were well-aligned with students' capabilities.</li> </ul>																	

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	23 / 23
Percentage of participants to the total number	100%
Important points of satisfaction	<ul style="list-style-type: none"> <li>The results indicate that students are generally satisfied with the educational resources provided, such as lab equipment and lecture halls. A significant number of respondents agreed that these facilities are sufficient for</li> </ul>



	<p>developing the necessary professional and practical skills.</p> <ul style="list-style-type: none"> <li>Additionally, the IT infrastructure received positive feedback, with students confirming that the available IT resources are adequate to support the implementation of the e-learning system, reflecting an effective integration of digital tools into the learning environment</li> </ul>
<b>Important points of dissatisfaction</b>	Not Exist

#### 4. Instructors Reflection \*

- The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

#### 5. Course Enhancement

##### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Addition of application-based learning in architectural design	Integrate real-world architectural case studies and field applications	Include site visits, analysis of existing projects, and reflective reports	Postponed from previous year
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	Address difficulty in developing spatial thinking and layout	Provide visual aids and spatial exercises	Upload reference plans, videos, and interactive diagrams on LMS	Based on student design challenges
4	Increase practical engagement in laboratory sessions	Introduce mini-projects or real-world applications	Assign group experiments linked to industrial scenarios	



**Course coordinator:**

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025

**Name and Signature Head of the Department Council:**

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year

2024-2025

Semester

Second

**1. Basic Information:**

Course Title (according to the bylaw)	Building construction (2)	
Course Code (according to the bylaw)	ARE 122	
Department/s that participated in the teaching:	Architectural Engineering Department	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	4	6
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	First year	
Academic Program	Architectural Engineering Program	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Dr. Alaa Morgan	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
-	1	2	-
Instructor Name	Department	Academic degree	Specialty
Dr. Alaa Morgan	Architecture	Professor	
Eng. Manar Bakry	Architecture	Demonstrator	



Eng. Kholoud Ahmed

Architecture

Demonstrator

Notes (if any): N/A

### Teaching and Learning

Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....,)	Total number Of training hours (practical/clinical/...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	60	-	28	-

#### Notes (if any) on:

Topics not covered in this course are: construction details stairs (Identify basic details of stairs drawing.)

There is no change in teaching methods, hours and contents.

### Student Assessment Methods that have been Implemented

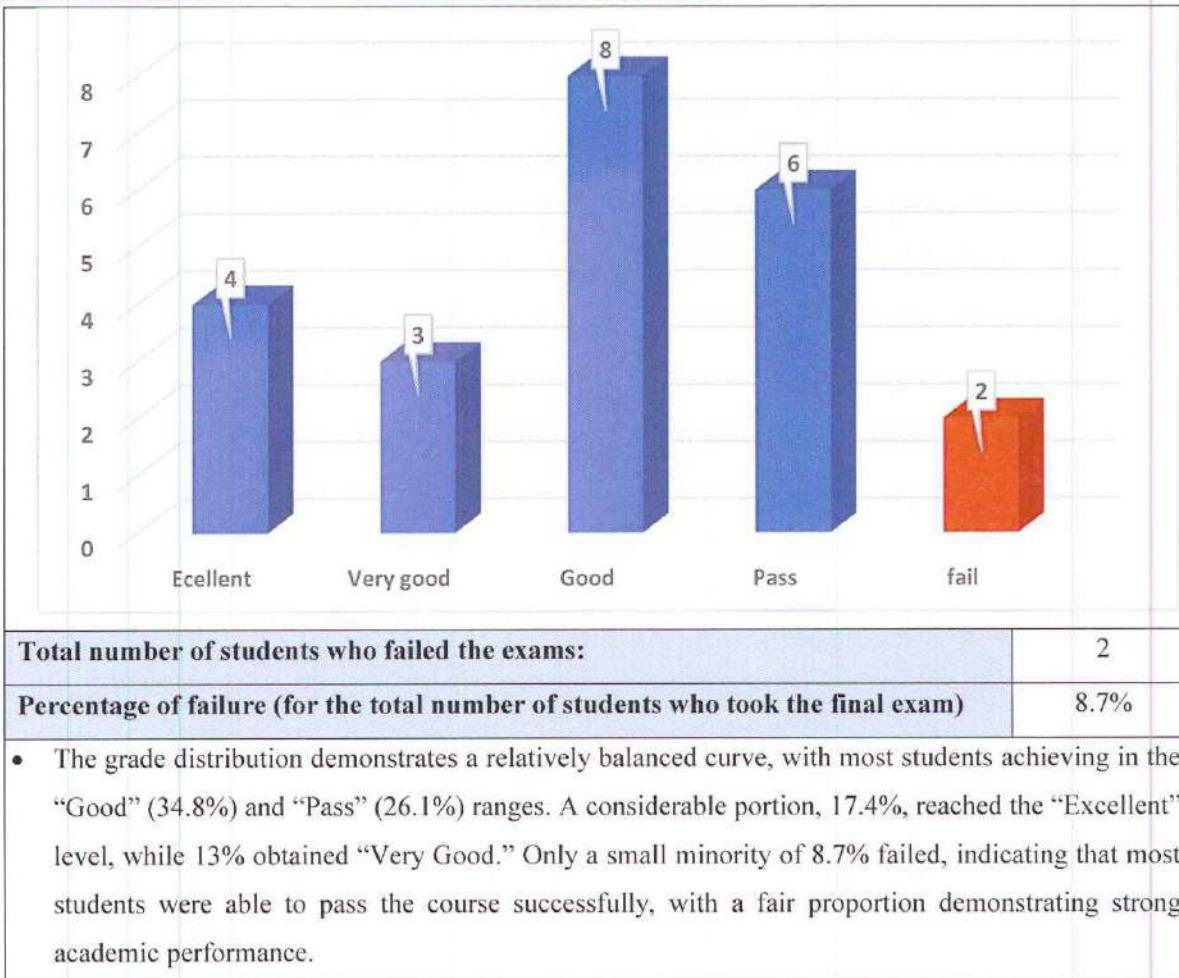
Method of assessment *	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	9	Construction drawing	CLO3, CLO4, CLO7, CLO8
Mid-Term Exam	Week 8	18	Construction drawing	CLO1, CLO2, CLO3, CLO4
Final written Exam	16	90	Construction drawing	CLO2, CLO3, CLO4, CLO5, CLO6, CLO7, CLO8
Final practical Exam		-	-	-
Activities and assignments	Every week	33	Theoretical questions and Solve Problems, and Construction drawing	CLO7, CLO4,
Oral Exam (if exists)	-	-	-	-

• The examination committees are selected through the Department Council based on specialization.  
 A second examiner is chosen within the same field as the first examiner.



- External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blueprint
- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

Student Assessment Results					
Number of students (who started the course):					23
Number of students (who completed the course/ sat for the exam):					23
Number of students who did not attend the final written exam (absent-deprived-withdrawn):					-
Total number of students who passed the exams successfully:					21
Percentage of success (out of the total number of students who sat for the final exam)					91.3%
Grade Distribution *					
Grade	Excellent	Very good	Good	Pass	Fail
Number of students	4	3	8	6	2
Percentage	17.4%	13%	34.8%	26.1%	8.7%



### 3. Student Feedback

Item	Comment
<b>Means of Evaluation:</b>	Questionnaire (online on Dulms)
<b>Timing of Evaluation:</b>	After Mid-Term to the final Exam
<b>Number of students who participated in the course evaluation</b>	22 / 23
<b>Percentage of participants to the total number</b>	95.6%



<b>Important points of satisfaction</b>	<p><i>The assessment activities are diversified (written, practical, and oral exams) to evaluate my practical abilities and comprehension of the practical subject matter.</i></p> <p><i>The educational tools employed for illustration and clarification significantly support my ability to follow and comprehend the scientific content.</i></p>
<b>Important points of dissatisfaction</b>	<p><i>The staff member is present and available to students during designated office hours.</i></p>

#### 4. Instructors Reflection \*

- **The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- **The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

#### 5. Course Enhancement

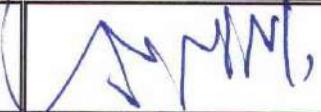
##### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	coverage of stair construction details in the course	Add a dedicated module on stair drawings and detailing	Incorporate lectures supported by real project examples and standard codes	To be introduced next academic year
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	Improve student understanding in weak areas such as structural systems and construction details	Provide supplementary learning materials and visual case studies	Upload topic-focused presentations and drawings on LMS	Based on student performance

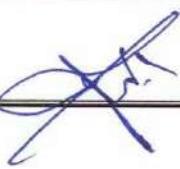


4	Enhance students' comprehension of fundamental construction concepts	Simplify theoretical content and link it with practical examples	Use visual illustrations, construction sites, and guided discussions in real-world	
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**Course coordinator:**

Name	Signature	Academic Year
Dr. Alaa Morgan		2024-2025

**Name and Signature Head of the Department Council:**

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year

2024-2025

Semester

Second

**1. Basic Information:**

Course Title (according to the bylaw)	Visual Training		
Course Code (according to the bylaw)	ARE 123		
Department/s that participated in the teaching:	Architectural Engineering Department		
Number of credit hours/points of the course (according to the bylaw)			
Lecture	Tutorial / Laboratory		Total contact
2	3		5
Course Type	<input checked="" type="checkbox"/> Compulsory		<input type="checkbox"/> Elective
Academic level at which the course is taught	First Year		
Academic Program	Architectural Engineering Program		
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla		
University/Academy	Manzalla Academy		
Name of Course Coordinator	Prof. Dr. Tarek Abu Auf		
Course Report Approval Date	16 August 2025		
Course Report Approval	Institute Council No. (12) on 16 August 2025		

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
1	-	2	-

Instructor Name	Department	Academic degree	Specialty
Prof. Dr. Tarek Abu Auf	Architectural Engineering	professor	Architectural Design
Eng. Somaya Mohamed	Architectural Engineering	Demonstrator	Architectural Engineering
Eng. Dina Rizk	Architectural	Demonstrator	Architectural



	Engineering		Engineering
<b>Notes (if any):</b> N/A			

Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....)	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	45	--	28	
<b>Notes (if any) on:</b> Topics not covered in this course are: Application on interior design buildings. There is no change in teaching methods, hours and contents.					

Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	7	Sketches	CLO1, CLO3, CLO4, CLO6.
Mid-Term Exam	Week 8	14	Drawing and solve Problems	CLO2, CLO3, CLO4, CLO6, CLO7.
Final written Exam	16	80	Drawing and solve Problems	CLO2, CLO3, CLO4, CLO6, CLO7.
Final practical Exam	-	-	-	-
Activities and assignments	Every week	24	Drawing, Solve Problems, Reports and mind maps, and simulation projects	CLO1, CLO2, CLO3, CLO4, CLO7.
Oral Exam (if exists)	-	-	-	-

• The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.  
 • External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blueprint  
 • Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.  
 • The student fails if he gets less than 50% out of the total course marks or does not attend the final exam



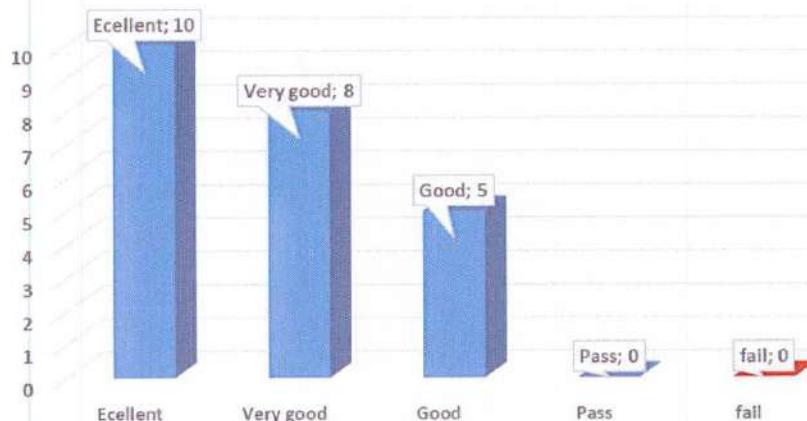
## Student Assessment Results

Number of students (who started the course):	23
Number of students (who completed the course/ sat for the exam):	23
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	-
Total number of students who passed the exams successfully:	23
Percentage of success (out of the total number of students who sat for the final exam)	100%

## Grade Distribution

Grade	Excellent	Very good	Good	Pass	Fail
Number of students	10	8	5	0	0
Percentage	43.5%	34.8%	21.7%	0%	0%

## Visual Training



Total number of students who failed the exams:	0
Percentage of failure (for the total number of students who took the final exam)	0%
<ul style="list-style-type: none"> <li>The grade distribution reflects a positively skewed curve, with the majority of students achieving high academic performance. A total of 10 students (43.5%) received an Excellent grade, indicating strong mastery of course objectives and design competencies. Additionally, 8 students (34.8%) achieved a Very Good grade, and 5 students (21.7%) earned a Good grade. Notably, no students received Pass or Fail grades, highlighting the overall effectiveness of teaching strategies and assessment methods. This distribution suggests a well-aligned course structure that supported high levels of student engagement and achievement.</li> </ul>	



### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	23 / 23
Percentage of participants to the total number	100%
Important points of satisfaction	<ul style="list-style-type: none"> <li>The intended learning outcomes and course objectives were clearly communicated during the first lecture, ensuring that students had a clear understanding of the course expectations and learning pathway from the outset.</li> <li>The available educational resources—including laboratory equipment and lecture facilities—were adequate and effectively supported the development of students' professional and practical skills.</li> </ul>
Important points of dissatisfaction	Not Exist

### 4. Instructors Reflection

- The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.



## 5. Course Enhancement

Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Integrate application on interior design elements	Include exercises focused on interior spaces and furniture detailing	Add visual analysis tasks related to interior architectural projects	Postponed from previous year
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	Enhance freehand drawing accuracy and proportion understanding	Conduct focused sessions on perspective, scale, and proportion	Weekly sketching assignments and guided in-class exercises	Based on student output reviews

Course coordinator:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025

Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year 2024-2025

Semester

Second

**1. Basic Information:**

Course Title (according to the bylaw)	Shade and Perspective	
Course Code (according to the bylaw)	ARE 124	
Department/s that participated in the teaching:	Architectural Engineering	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	3	5
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	First Year	
Academic Program	Architectural Engineering Program	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Dr. marwa atef	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
-	1	2	..



Instructor Name	Department	Academic degree	Specialty
Dr. Marwa atef	Architectural Engineering	Assistant professor	Architectural Engineering and Urban Planning
Eng. Mohamed assasa Eng. Rahaf Ibrahim	Architectural Engineering	Demonstrator	Architectural Design
Notes (if any): N/A			

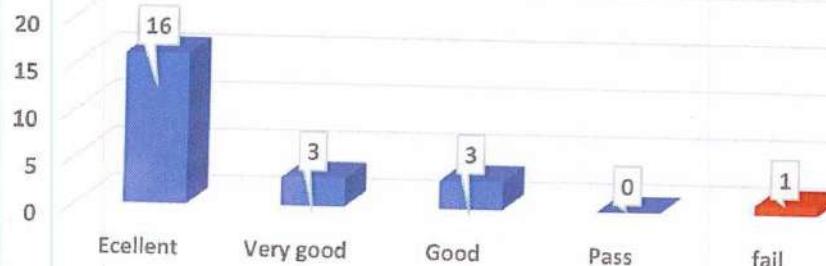
Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	45	--	28	
Notes (if any) on:					
Topics not covered in this course are: shades in perspectives Applications on different architectural designs Characterized with a variety of forms and levels. There is no change in teaching methods, hours and contents.					

Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	9	Interior perspective drawing of a living room, reception	CLO1, CLO3, CLO4, CLO6
Mid-Term Exam	Week 8	18	Perspective drawing of a human eye	CLO2, CLO3, CLO4, CLO6, CLO7
Final written Exam	16	90	Drawing a human eye perspective and casting shadows on it	CLO2, CLO3, CLO4, CLO6, CLO7
Final practical Exam	.....	.....	.....	.....
Activities and	Every week	33	Drawing perspectives of	CLO1, CLO2, Clo3,



assignments			several different buildings, including a single-story basement and two-story views.	Clo4, Clo6, Clo7
Oral Exam (if exists)	-	...	.....	...
<ul style="list-style-type: none"> <li>The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.</li> <li>External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print</li> <li>Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.</li> <li>The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.</li> </ul>				

Student Assessment Results					
Number of students (who started the course):					23
Number of students (who completed the course/ sat for the exam):					23
Number of students who did not attend the final written exam (absent-deprived-withdrawn):					0
Total number of students who passed the exams successfully:					22
Percentage of success (out of the total number of students who sat for the final exam)					95.6%
Grade Distribution *					
Grade	Excellent	Very good	Good	Pass	Fail
Number of students	16	3	3	0	1
Percentage	69.5%	13.4%	13.4%	0%	4.3%



Total number of students who failed the exams:

1

Percentage of failure (for the total number of students who took the final exam)

4.3%

The grade distribution follows a bell-shaped curve, with student numbers increasing progressively from the highest to the lowest performance categories. Specifically, 16 students achieved an *Excellent* grade, followed by 3 students in the *Very Good* category, 3 students in the *Good* category, and 0 students who received an *Acceptable* grade, (1%) received a *Fail* grade.

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	23/23
Percentage of participants to the total number	100%
Important points of satisfaction	The faculty member adheres to the The objectives of the course were clearly explained in the first lecture.
Important points of dissatisfaction	The teaching assistant evaluates students fairly and transparently. The teaching assistant adheres to the announced office hours

### 4. Instructors Reflection \*

- The educational process throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.



- The scientific content of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- Resources, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

#### 5. Course Enhancement

One corrective action proposed in the previous academic year was to add a new topic related to the fertilizer industry. However, this was not achieved due to time constraints and the prioritization of core syllabus content to ensure coverage before final assessments.

#### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Increasing the time of sections to support students	Increase student support times in the course	Two hours per week are provided in the schedule intervals to achieve the improvement plan.	
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	Enhancing students' understanding of perspective and shadows	Field studies	During student activity times, students can see the shadows cast by buildings realistically and understand the directions of the sun.	
4	Processing ambiguous comprehension	Providing assistance programs	Simulation of perspectives and falling shadows	

#### Course coordinator:

Name	Signature	Academic Year
Assoc. prof. Dr. marwa atef		2024-2025

#### Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year

2024-2025

Semester

second

**1. Basic Information:**

Course Title (according to the bylaw) Technical Reports in architecture

Course Code (according to the bylaw) ARE 125

Department/s that participated in the teaching: Architectural Engineering

Number of credit hours/points of the course (according to the bylaw)

Lecture	Tutorial / Laboratory	Total contact
2	-	2
Course Type	<input checked="" type="checkbox"/> Compulsory <input type="checkbox"/> Elective	
Academic level at which the course is taught		First Year
Academic Program		Architectural Engineering Program
Faculty/Institute		Higher Institute of Engineering and Technology at Manzalla
University/Academy		Manzalla Academy
Name of Course Coordinator		Asso. Prof. Dr. Kareem Mahrous
Course Report Approval Date		16 August 2025
Course Report Approval		Institute Council No. (12) on 16 August 2025

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
-	1	-	-
Instructor Name	Department	Academic degree	Specialty
Dr. Asso. Prof. Dr. Kareem Mahrous	Architectural Engineering	Assistant professor	Architectural design
-	-	-	-
Notes (if any): N/A			



Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	-	--	28	

**Notes (if any) on:**

Topics not covered in this course are: ways and techniques of data presentation (Referencing of sources and originality (author-date, and numerical referencing).

There is no change in teaching methods, hours and contents.

Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	2	Definitions Writing a basic paragraph to apply the basics of writing	CLO3, CLO4, CLO5, CLO6
Mid-Term Exam	Week 8	7	Definitions Writing short articles	CLO3, CLO4, CLO5, CLO6
Final written Exam	16	35	Definitions Writing a Complete Report	CLO3, CLO4, CLO5, CLO6
Final practical Exam	-	-	-	-
Activities and assignments	Every week	6	Writing a basic paragraph to apply the basics of writing	CLO1, CLO2, CLO3, CLO4, CLO5, CLO6
Oral Exam (if exists)	-	-		CLO1, CLO2

- The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.
- External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print
- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

Student Assessment Results	
Number of students (who started the course):	23
Number of students (who completed the course/ sat for the exam):	23



Number of students who did not attend the final written exam (absent-deprived-withdrawn):	0												
Total number of students who passed the exams successfully:	22												
Percentage of success (out of the total number of students who sat for the final exam)	95.6%												
<b>Grade Distribution</b>													
Grade	Excellent	Very good	Good	Pass	Fail								
Number of students	7	5	5	5	1								
Percentage	30.4%	21.7%	21.7%	21.7%	4.3%								
<table border="1"> <thead> <tr> <th>Grade</th><th>Number of students</th> </tr> </thead> <tbody> <tr><td>Excellent</td><td>7</td></tr> <tr><td>Very good</td><td>5</td></tr> <tr><td>Good</td><td>5</td></tr> <tr><td>Pass</td><td>5</td></tr> <tr><td>fail</td><td>1</td></tr> </tbody> </table>		Grade	Number of students	Excellent	7	Very good	5	Good	5	Pass	5	fail	1
Grade	Number of students												
Excellent	7												
Very good	5												
Good	5												
Pass	5												
fail	1												
Total number of students who failed the exams:	1												
Percentage of failure (for the total number of students who took the final exam)	4.3%												
The shape is made of columns.,with student numbers increasing progressively from the highest to the lowest performance categories. Specifically, 7 students achieved an <i>Excellent</i> grade, followed by 5 students in the <i>Very Good</i> category, 5 students in the <i>Good</i> category, and 5 students who received an <i>Acceptable</i> grade, 1 received a <i>Fail</i> grade.													

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	22/23
Percentage of participants to the total number	95.7%
Important points of satisfaction	The faculty member adheres to the The objectives of the course were clearly explained in the first lecture.
Important points of dissatisfaction	- The educational tools used in teaching greatly assist me in following and understanding the course content.



#### 4. Instructors Reflection \*

- The educational process throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- The scientific content of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- Resources, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

#### 5. Course Enhancement

##### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Technology and software	Effectively integrate technology and software to support learning.	Curriculum Integration Make Technology Tools an Essential Part of Lessons	
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	

##### Course coordinator:

Name	Signature	Academic Year
Asso.Prof. Dr. Kareem Mahrous		2024-2025

##### Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year

2024-2025

Semester

Second

**1. Basic Information:**

Course Title (according to the bylaw)	Properties and test of material		
Course Code (according to the bylaw)	CIVA 121		
Department/s that participated in the teaching:	Civil Engineering Department		
Number of credit hours/points of the course (according to the bylaw)			
Lecture	Tutorial / Laboratory		Total contact
3	2		5
Course Type	<input checked="" type="checkbox"/> Compulsory		<input type="checkbox"/> Elective
Academic level at which the course is taught	First year		
Academic Program	Architectural Engineering Department		
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla		
University/Academy	Manzalla Academy		
Name of Course Coordinator	Prof. Dr. Mohamed Yousry Elshikh		
Course Report Approval Date	16 August 2025		
Course Report Approval	Institute Council No. (12) on 16 August 2025		

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
--	1	1	-
Instructor Name	Department	Academic degree	Specialty
Prof. Dr. Mohamed Yousry Elshikh	Civil Engineering	Professor	Structural Engineering
Eng. Amera Elsayed .	Civil Engineering	Demonstrator	Puplic work Engineering
Notes (if any):	N/A		



Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	45	30	--	15	

**Notes (if any) on:**

There is no change in teaching methods, hours and contents.

Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	5	Multiple Choice, Theoretical questions and solve Problems	CLO2 ,CLO3
Mid-Term Exam	Week 8	16	Multiple Choice, Theoretical questions and solve Problems	CLO1 ,CLO2 ,CLO3 CLO4
Final written Exam	16	80	Multiple Choice, Theoretical questions and solve Problems	CLO1 ,CLO2 ,CLO3 CLO4,CLO5,CLO6
Final practical Exam	14	10	Experimental	CLO4,CLO5,CLO6
Activities and assignments	Every week	14	Solve Problems, Reports and mind maps, prototype and simulation projects	CLO1,CLO3 CLO4,CLO5,CLO6
Oral Exam (if exists)	-	..	--	--

- The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.
- External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print
- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

Student Assessment Results	
Number of students (who started the course):	23
Number of students (who completed the course/ sat for the exam):	23
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	--



Total number of students who passed the exams successfully:					21												
Percentage of success (out of the total number of students who sat for the final exam)					91.3%												
<b>Grade Distribution *</b>																	
Grade	Excellent	Very good	Good	Pass	Fail												
Number of students	2	5	3	11	2												
Percentage	8.7%	21.7%	13%	47.8%	8.7%												
<table border="1"> <thead> <tr> <th>Grade</th><th>Number of students</th> </tr> </thead> <tbody> <tr><td>Excellent</td><td>2</td></tr> <tr><td>Very good</td><td>5</td></tr> <tr><td>Good</td><td>3</td></tr> <tr><td>Pass</td><td>11</td></tr> <tr><td>fail</td><td>2</td></tr> </tbody> </table>						Grade	Number of students	Excellent	2	Very good	5	Good	3	Pass	11	fail	2
Grade	Number of students																
Excellent	2																
Very good	5																
Good	3																
Pass	11																
fail	2																
Total number of students who failed the exams:					7												
Percentage of failure (for the total number of students who took the final exam)					25.9%												
<ul style="list-style-type: none"> <li>The grade distribution reveals a bell-shaped curve with the majority of students scoring between Good and very good (3 and 5 students, respectively). Notably, grades Excellent were awarded to 2 students, showing that a sizable portion of the class achieved high academic performance. Additionally, only 2 students (8.7%) received a Fail grade.</li> </ul>																	

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	23 / 23
Percentage of participants to the total number	100 %
Important points of satisfaction	<ul style="list-style-type: none"> <li>The faculty member treats students appropriately..</li> <li>The faculty member possesses the ability to clearly communicate information to students.</li> </ul>



#### Important points of dissatisfaction

- The available IT facilities are adequate for implementing the e-learning system.

#### 4. Instructors Reflection \*

- The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

#### 5. Course Enhancement

##### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Increase site visit and laboratory Experiments.	Coordinate more field visits to construction sites	Collaborate with industry partners and schedule visits in advance	Enhances practical understanding
3	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	Improve student understanding in weak areas	Provide supplementary learning materials and video tutorials	Upload topic-focused videos and handouts on LMS	Based on student performance
4	Increase practical engagement in laboratory sessions	Introduce mini-projects or real-world applications	Assign group experiments linked to industrial scenarios	

##### Course coordinator:

Name	Signature	Academic Year
Prof. Dr. Mohamed Yousry Elshikh		2024-2025

##### Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Mohamed Ismail		2024-2025



Academic Year

2024-2025

Semester

First

**1. Basic Information:**

Course Title (according to the bylaw)	Architectural Design (3)	
Course Code (according to the bylaw)	ARE 211	
Department/s that participated in the teaching:	Architectural Engineering Department	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	4	6
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	second year	
Academic Program	Architectural Engineering Program	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Prof. Dr. Tarek Abu Auf	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
-	1	3	-



Instructor Name	Department	Academic degree	Specialty
Prof. Dr. Tarek Abu Auf	Architecture	Associate Professor	Architectural design
Eng. Somaya Mohammed	Architecture	Demonstrator	
Eng. Manar Bakry	Architecture	Demonstrator	
Eng. Kholoud Ahmed	Architecture	Demonstrator	
<b>Notes (if any):</b>	N/A		

Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....)	Total number Of training hours (practical/clinical/...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	60	-	56	-
<b>Notes (if any) on:</b>					
Topics not covered in this course are: <b>Study of the Importance of Structural Significance in Forming Architectural Spaces</b> (Structural integrity and spatial experience impact of materials and forms on architectural spaces.)					
There is no change in teaching methods, hours and contents.					

Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	13.5	Architectural drawings such as ground floor plan	CLO6, CLO2, CLO3



Mid-Term Exam	Week 8	27	Comprehensive drawing design of Project floor Plans	CLO2, CLO3, CLO4, CLO6
Final written Exam	16	70	Comprehensive drawing design question, including Layout and floor plans, section and 3d	CLO3, CLO4, CLO5, CLO6
Final practical Exam	-	-	-	-
Activities and assignments	Every week	49.5	Architectural drawings such as site analysis, floor plans, elevations, and sections, presented as design sheet	CLO1, CLO2, CLO5,
Oral Exam (if exists)	-	15		CLO2, CLO5
<ul style="list-style-type: none"> <li>The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.</li> <li>External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blueprint</li> <li>Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.</li> <li>The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.</li> </ul>				

## Student Assessment Results

Number of students (who started the course):	19
Number of students (who completed the course/ sat for the exam):	19



Number of students who did not attend the final written exam (absent-deprived-withdrawn):		-												
Total number of students who passed the exams successfully:		18												
Percentage of success (out of the total number of students who sat for the final exam)		94.7%												
<b>Grade Distribution *</b>														
Grade	Excellent	Very good	Good	Pass	Fail									
Number of students	2	1	6	9	1									
Percentage	10.5%	5.3%	31.6%	47.4%	5.3%									
<table border="1"> <thead> <tr> <th>Grade</th><th>Number of students</th> </tr> </thead> <tbody> <tr> <td>Excellent</td><td>2</td></tr> <tr> <td>Very good</td><td>1</td></tr> <tr> <td>Good</td><td>6</td></tr> <tr> <td>Pass</td><td>9</td></tr> <tr> <td>fail</td><td>1</td></tr> </tbody> </table>			Grade	Number of students	Excellent	2	Very good	1	Good	6	Pass	9	fail	1
Grade	Number of students													
Excellent	2													
Very good	1													
Good	6													
Pass	9													
fail	1													
Total number of students who failed the exams:		1												
Percentage of failure (for the total number of students who took the final exam)		5.3%												
<ul style="list-style-type: none"> <li>The results show a noticeable concentration in the "Pass" category (9 students), indicating that most students achieved satisfactory but not exceptional results. In contrast, only a few students reached the top grades, 2 with "Excellent" and 1 with "Very Good", while one student did not meet the passing criteria.</li> </ul>														



### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	18 / 19
Percentage of participants to the total number	94.7%%
Important points of satisfaction	<ul style="list-style-type: none"><li><i>The teaching methods in the course incorporated a variety of activities that enabled me to acquire self-learning skills.</i></li><li><i>The teaching method encourages discussion and dialogue to collectively reach concepts and facts.</i></li></ul>
Important points of dissatisfaction	<ul style="list-style-type: none"><li><i>The scientific resources available in the library (references, books, and notes) support my learning and comprehension.</i></li></ul>

### 4. Instructors Reflection \*

- The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.



## 5. Course Enhancement

Course development plan for the next academic semester/year

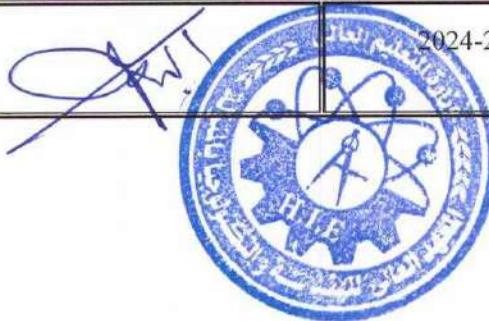
No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	use of interactive and practice-oriented teaching method	Broaden teaching strategies to include structured discussions, case-based learning, and design simulations	Organize hands-on workshops using software to apply concepts in real-life scenarios	
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	Improve student understanding in weak areas	Provide supplementary learning materials and visual case studies	Upload topic-focused presentations and drawings on LMS	Based on student performance

Course coordinator:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025

Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025





Academic Year

2024-2025

Semester

first

**1. Basic Information:**

Course Title (according to the bylaw)	Computer applications in architecture (1)		
Course Code (according to the bylaw)	ARE 212		
Department/s that participated in the teaching:	Architectural Engineering Department		
Number of credit hours/points of the course (according to the bylaw)			
Lecture	Tutorial / Laboratory	Total contact	
2	2	4	
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective	
Academic level at which the course is taught	Second year		
Academic Program	Architectural Engineering Department		
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla		
University/Academy	Manzalla Academy		
Name of Course Coordinator	Prof. Dr. Tarek Abu Auf		
Course Report Approval Date	16 August 2025		
Course Report Approval	Institute Council No. (12) on 16 August 2025		

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
1		2	-

Instructor Name	Department	Academic degree	Specialty
Prof. Dr. Tarek Abu Auf	Architectural Department	Assistant professor	Architecture
Eng. Howyda Ali Elnakeep	Architectural Department	Demonstrator	Architecture
Eng. Mohamed assasa	Architectural Department	Demonstrator	Architecture



Notes (if any): N/A

Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	30	--	28	

Notes (if any) on:  
 (Sanitary and electrical works MEP coordination in construction.)  
 There is no change in teaching methods, hours and contents.

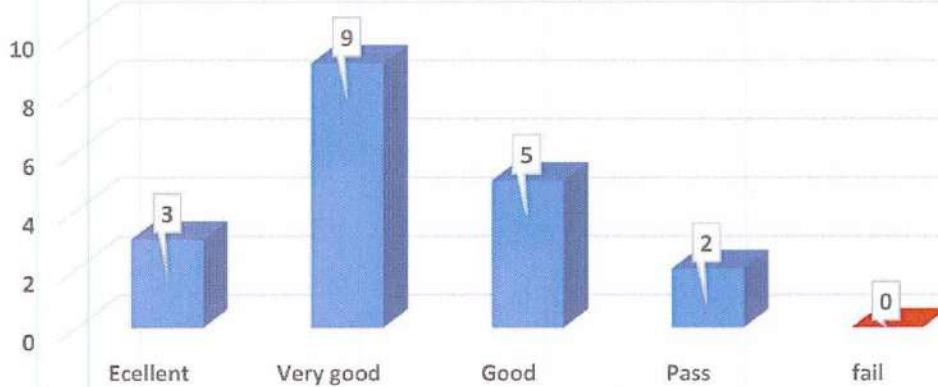
Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	4.5	Mini project	CLO1, CLO2, CLO4, CLO5, CLO7
Mid-Term Exam	Week 8	9	Multiple Choice, Mini project	CLO2, CLO3, CLO4, CLO5
Final written Exam	16	60	Multiple Choice, Theoretical questions and 2D Rendering	CLO1, CLO2, CLO3, CLO4, CLO5, CLO6, CLO7
Final practical Exam	15	10	Mini project 2D Rendering	CLO2, CLO3, CLO4, CLO5, CLO7
Activities and assignments	Every week	16.5	Room Data Sheets + Area Schedules, Architectural Visualization, and Mini project	CLO1, CLO2, CLO3, CLO4, CLO5, CLO6, CLO7
Oral Exam (if exists)	-	-	-	-

- The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.
- External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print
- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

Student Assessment Results	
Number of students (who started the course):	



Number of students (who completed the course/ sat for the exam):	19				
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	-				
Total number of students who passed the exams successfully:	19				
Percentage of success (out of the total number of students who sat for the final exam)	100%				
<b>Grade Distribution</b>					
<b>Grade</b>	Excellent	Very good	Good	Pass	Fail
<b>Number of students</b>	3	9	5	2	0
<b>Percentage</b>	15.7%	47.3%	26.3%	10.5%	0%



Total number of students who failed the exams:	0
Percentage of failure (for the total number of students who took the final exam)	0%
<ul style="list-style-type: none"> <li>The grade distribution follows a bell-shaped curve, with student numbers increasing progressively from the highest to the lowest performance categories. Specifically 3 students achieved an Excellent grade, followed by 9 students in the Very Good category, 5 students in the Good category, and 2 students who received an Acceptable grade, (0%) received a Fail grade.</li> </ul>	

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	18/ 19



Percentage of participants to the total number	94.7 %
Important points of satisfaction	<ul style="list-style-type: none"> <li>The objectives of the course were clearly explained in the first lecture.</li> <li>The teaching assistant has a good understanding of the course content.</li> <li>The educational resources (e.g., lab equipment, lecture halls) are sufficient to develop professional and practical skills.</li> </ul>
Important points of dissatisfaction	<ul style="list-style-type: none"> <li>The faculty member adheres to the scheduled lecture times as announced.</li> <li>The teaching method helps in discussion and dialogue to reach concepts and facts collectively.</li> <li>The objectives of the course were clearly explained in the first lecture.</li> </ul>

#### 4. Instructors Reflection \*

- The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- The scientific content** of the course was solid and comprehensive in terms of architectural workflow, but a few enhancements in phrasing and structure are recommended:
  - It is better to use precise terminology such as "Building Information Modeling (BIM)" to reflect the core function of Revit.
  - Add a clear component on integration with quantity takeoff and environmental analysis tools, such as *Navisworks* or *Insight*.
  - Consider including a unit on coordination across disciplines (e.g., MEP and Structural design), as this is a core advantage of using Revit in professional practice.
- Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

#### 5. Course Enhancement

##### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	increase Applications on architectural	providing diverse and not similar projects	By increasing the homework with different tasks to ensure that students are not transferred from each other	
2	Enhance student interaction on LMS	Encourage active participation in discussion	Weekly engagement tasks and participation	



	platform	forums	grading	
3	Addressing the support of various specialized drawings in a simple way for the sake of knowledge	Drawing mechanical and plumbing drawings on architectural plans	Deduct a portion of the section once a month to make these drawings so that the curriculum is comprehensive.	
4	Use of generic and outdated terminology (e.g., "computer use in design")	Update course language to reflect modern terms such as <i>Building Information Modeling (BIM)</i> , <i>parametric modeling</i> , and <i>coordination</i>	Revise course description, learning outcomes, and lecture slides with up-to-date terminology	

**Course coordinator:**

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025

**Name and Signature Head of the Department Council:**

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year

2024-2025

Semester

First

**1. Basic Information:**

Course Title (according to the bylaw)	Building construction (3)	
Course Code (according to the bylaw)	ARE 213	
Department/s that participated in the teaching:	Architectural Engineering Department	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	4	6
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	Second year	
Academic Program	Architectural Engineering Program	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Dr. Marwa Aladham	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
0	1	3	0

Instructor Name	Department	Academic degree	Specialty
Dr. Marwa Aladham	Architectural Engineering Department	professor	Architecture



Eng. Howida Ali	Architectural Engineering Department	Teaching assistant	Architecture
Eng. Rahaf Ibrahim	Architectural Engineering Department	Teaching assistant	Architecture
Eng. Sara Yasser	Architectural Engineering Department	Teaching assistant	Architecture
<b>Notes (if any):</b> N/A			

Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	60	-	28	
<b>Notes (if any) on:</b>					
There is no change in teaching methods, hours and contents.					

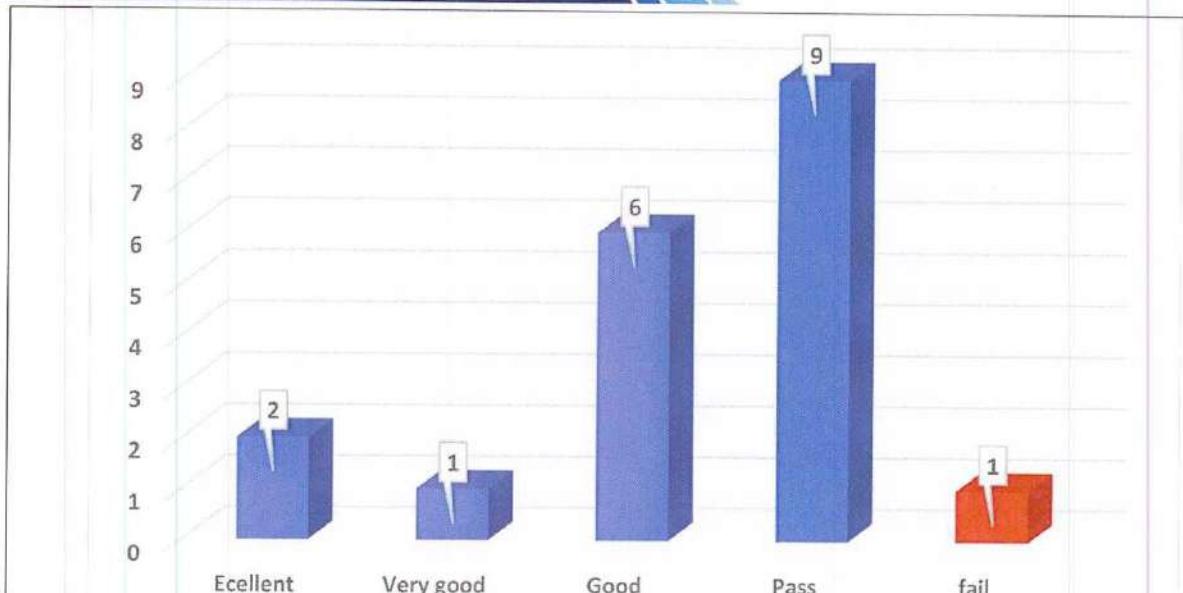
Student Assessment Methods that have been Implemented					
Method of assessment *	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)	
Quizzes	Week 6, 11	9	Drawing and Multiple Choice	CLO1,CLO2,CLO4,CLO5 ,CLO7	
Mid-Term Exam	Week 8	18	Drawing and Multiple Choice	CLO2,CLO3,CLO4,CLO5	
Final written Exam	16	90	Drawing	CLO1,CLO2,CLO3 ,CLO4,CLO5,CLO6, CLO7	
Final practical Exam	-	-	-	-	
Activities and assignments	Every week	33	Drawing	CLO1,CLO2,CLO3 ,CLO4,CLO5,CLO6, CLO7	
Oral Exam	-	-	-	CLO1,CLO2,CLO3,CLO6 ,CLO7	



- The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.
- External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print
- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

#### Student Assessment Results

<b>Number of students (who started the course):</b>	<b>19</b>				
<b>Number of students (who completed the course/ sat for the exam):</b>	<b>19</b>				
<b>Number of students who did not attend the final written exam (absent-deprived-withdrawn):</b>	<b>0</b>				
<b>Total number of students who passed the exams successfully:</b>	<b>18</b>				
<b>Percentage of success (out of the total number of students who sat for the final exam)</b>	<b>94.7%</b>				
<b>Grade Distribution *</b>					
<b>Grade</b>	<b>Excellent</b>	<b>Very good</b>	<b>Good</b>	<b>Pass</b>	<b>Fail</b>
<b>Number of students</b>	2	1	6	9	1
<b>Percentage</b>	10.5%	5.3%	31.6%	47.4%	5.3%



Total number of students who failed the exams:	1
Percentage of failure (for the total number of students who took the final exam)	5.3%
<ul style="list-style-type: none"> <li>Overall Performance: The majority of students successfully completed the course. A significant number of students received grades of "Excellent," "Good," and "Pass." The course results indicate a generally positive outcome, with most students completing the course successfully, while only a small percentage failed.</li> </ul>	

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	18 / 19
Percentage of participants to the total number	94.7%



<b>Important points of satisfaction</b>	<ul style="list-style-type: none"> <li>Excellence in the ability to convey information to students.</li> <li>Students' acceptance of the course instructor's personal characteristics.</li> <li>Demonstrates respectful and professional interaction with students.</li> </ul>
<b>Important points of dissatisfaction</b>	<ul style="list-style-type: none"> <li>The instructor frequently fails to attend lectures at the designated times as per the official schedule.</li> </ul>

#### 4. Instructors Reflection \*

- The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.
- 

#### 5. Course Enhancement

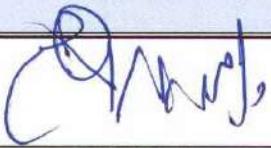
One corrective action proposed in the previous academic year was to Increase workshops for working drawing because one of the main reasons preventing the workshop is scheduling conflicts with other planned activities or existing commitment.

#### Course development plan for the next academic semester/year

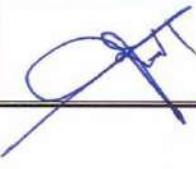
No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	workshops	Increase workshops for working drawing	Ensuring the workshop is scheduled in alignment with the official timetable	2024-2025



Course coordinator:

Name	Signature	Academic Year
Dr. Marwa Aladham		2024-2025

Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year

2024-2025

Semester

First

**1. Basic Information:**

Course Title (according to the bylaw)	History & Theories of Architecture (2)	
Course Code (according to the bylaw)	ARE 214	
Department/s that participated in the teaching:	Architectural Engineering Department	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
3	-	3
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	Second year	
Academic Program	Architectural Engineering Department	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Dr. Marwa Aldham	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
1	-	-	-
Instructor Name	Department	Academic degree	Specialty
Dr. Marwa Aladham	Architectural Department	professor	Architecture
Notes (if any):	N/A		

**Teaching and Learning**



Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....)	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	45	--	--	14	

**Notes (if any) on:**

- Topics not covered in this course analysis of architectural theories in relation to historical and contemporary buildings.
- There is no change in teaching methods, hours and contents.

Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	6	Case Study of Historical Buildings	CLO1, CLO2, CLO3, CLO4, CLO5, CLO6
Mid-Term Exam	Week 8	18	Multiple Choice	CLO1, CLO2, CLO3, CLO4, CLO6
Final written Exam	16	60	Multiple Choice	CLO1, CLO2, CLO3, CLO4, CLO5, CLO6
Final practical Exam	-	-	-	-
Activities and assignments	Every week	16	Analytical Drawings, Architectural Visualization, Mini Research Projects + Analytical Drawings and Mini project	CLO1, CLO2, CLO3, CLO4, CLO5
Oral Exam (if exists)	-	-	-	-

- The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.
- External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blueprint
- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

Student Assessment Results	
Number of students (who started the course):	19
Number of students (who completed the course/ sat for the exam):	19
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	2



Total number of students who passed the exams successfully:					17
Percentage of success (out of the total number of students who sat for the final exam)					89.5%
<b>Grade Distribution</b>					
Grade	Excellent	Very good	Good	Pass	Fail
Number of students	2	1	2	12	2
Percentage	4.43%	8.86%	13%	52.17%	10.5%

Total number of students who failed the exams:					2
Percentage of failure (for the total number of students who took the final exam)					%10.5

- The grade distribution reveals a bell-shaped curve with the majority of students scoring between Good and very good (1 and 2 students, respectively). Notably, grades Excellent were awarded to 2 students, showing that a sizable portion of the class achieved high academic performance.

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	18 / 19
Percentage of participants to the total number	94.74%
Important points of satisfaction	<ul style="list-style-type: none"> <li>The faculty member is available during designated office hours.</li> <li>The faculty member treats students appropriately.</li> <li>The exam questions cover the topics included in the course.</li> </ul>



<b>Important points of dissatisfaction</b>	<ul style="list-style-type: none"> <li>The educational resources (e.g., lab equipment, lecture halls) are sufficient to develop professional and practical skills.</li> <li>The available IT facilities are adequate for implementing the e-learning system.</li> <li>The library resources (books, references, notes) help me in understanding and studying the material.</li> </ul>
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#### 4. Instructors Reflection \*

- The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- The scientific content** of the course is suitable for an intermediate-level course, and it covers essential topics. However, to enhance its educational value:
  - Strengthen the analytical link between historical context and theoretical design principles for example, how social or technological factors shaped Islamic or Gothic architecture.
  - Slightly expand the typological studies to include comparative analysis of different building uses and their architectural implications.
  - Include case studies in the theoretical section for each building type to reinforce applied understanding.
- Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

#### 5. Course Enhancement

One corrective action proposed in the previous academic year was to add a new topic related to the criteria of designing for building elements. However, this was not achieved due to time constraints and the prioritization of core syllabus content to ensure coverage before final assessments.

#### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Criteria of Designing for Building Elements	<p>Introduce historical and cultural depth:</p> <ul style="list-style-type: none"> <li>Emphasize how design criteria evolved over different historical periods (e.g., symbolic meaning of columns in Greek temples vs. structural innovations in Gothic architecture).</li> <li>Focus not only on physical attributes but also on <i>why</i> certain design choices were made in their historical context.</li> </ul>	<ol style="list-style-type: none"> <li>1. Chronological analysis of architectural elements</li> <li>2. Comparative case studies</li> <li>3. Theoretical reflection assignments</li> <li>4. Link theory to architectural practice</li> </ol>	

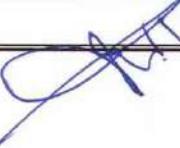


2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	Critical theory perspectives to examine how power, ideology, and identity influence architectural practices and historical narratives.	<ol style="list-style-type: none"> <li>1. Clarify and expand the objective</li> <li>2. Make it course appropriate:</li> <li>3. Bridge between theory and architecture</li> </ol>	<ol style="list-style-type: none"> <li>1. Thematic lectures and readings</li> <li>2. Critical writing assignments</li> <li>3. Critical writing assignments</li> </ol>	

**Course coordinator:**

Name	Signature	Academic Year
Dr. Marwa Aladham		2024-2025

**Name and Signature Head of the Department Council:**

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025

Academic Year

2024-2025

Semester

first

**1. Basic Information:****Course Report 2024-2025**



Course Title (according to the bylaw)

History of city planning

Course Code (according to the bylaw)

ARE 215

Department/s that participated in the teaching:

Architectural Engineering

Number of credit hours/points of the course (according to the bylaw)

Lecture	Tutorial / Laboratory	Total contact
3	----	3

Course Type

 Compulsory Elective

Academic level at which the course is taught

Second Year architecture

Academic Program

Architectural Engineering Program

Faculty/Institute

Higher Institute of Engineering and Technology  
at Manzalla

University/Academy

Manzalla Academy

Name of Course Coordinator

Dr. Alaa Morgan

Course Report Approval Date

16 August 2025

Course Report Approval

Institute Council No. (12) on 16 August 2025

## 2. Data and Statistics

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
-	1	-----	..

Instructor Name	Department	Academic degree	Specialty
Dr. Alaa Morgan	Architectural Engineering	Assistant professor	Urban Planning



Notes (if any): N/A

## Teaching and Learning

Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	45	-----	--	42	

## Notes (if any) on:

Topics not covered in this course are: (Urban planning exercises students apply theories to real-world examples.) There is no change in teaching methods, hours and contents.

## Student Assessment Methods that have been Implemented

Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	4.5	(Industrial Revolution impact of industrialization on urban growth, transportation, and housing.)	CLO1, CLO3, CLO5, CLO6
Mid-Term Exam	Week 8	13.5	(Case study analysis of historical and modern cities.)	CLO1, CLO2, CLO3,
Final written Exam	16	70	(Renaissance urban planning ideal city concepts, symmetry, and order.)	CLO1, CLO2, CLO3, CLO6,
Final practical Exam	.....	.....	.....	.....
Activities and assignments	Every week	12	Study the planning aspects of cities and apply them, analyze each of the old cities, compare the new with the modern, and clarify the advantages and disadvantages.	CLO1, CLO2, Clo3,Clo4,Clo5,Clo6
Oral Exam (if exists)	-	...	.....	...

- The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.
- External evaluation of the exam was applied through using "Evaluation of the Examination Paper

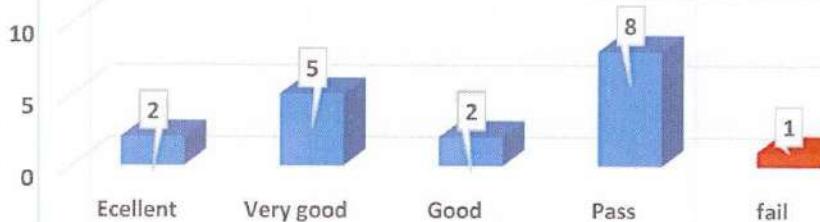


in Terms of Form and content and Blue Print

- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

#### Student Assessment Results

Number of students (who started the course):	18				
Number of students (who completed the course/ sat for the exam):	18				
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	0				
Total number of students who passed the exams successfully:	17				
Percentage of success (out of the total number of students who sat for the final exam)	95.6%				
<b>Grade Distribution</b>					
<b>Grade</b>	<b>Excellent</b>	<b>Very good</b>	<b>Good</b>	<b>Pass</b>	<b>Fail</b>
Number of students	2	5	2	8	1
Percentage	11.1%	27.7%	11.1%	44.4%	5.5%



Total number of students who failed the exams:	1
Percentage of failure (for the total number of students who took the final exam)	5.5%

The grade distribution follows a bell-shaped curve, with student numbers increasing progressively from the highest to the lowest performance categories. Specifically, 2 students achieved an *Excellent* grade, followed by 5 students in the *Very Good* category, 2 students in the *Good* category, and 8 students who received an *Acceptable* grade, (1) received a *Fail* grade.

#### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	18/18
Percentage of participants to the total number	100%



<b>Important points of satisfaction</b>	The faculty member adheres to the The objectives of the course were clearly explained in the first lecture.
<b>Important points of dissatisfaction</b>	The teaching assistant evaluates students fairly and transparently. The teaching assistant adheres to the announced office hours

#### 4. Instructors Reflection \*

- **The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- **The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

#### 5. Course Enhancement

##### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Divide the number of exercise hours over more than one day per week.	Two academic workshops were held to enhance student engagement	Two workshops were conducted and their outcomes were discussed	
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	Improve student understanding in a realistic way	Making models to enhance understanding of cities and their composition	Providing materials and raw materials through actual work during student activity periods	

##### Course coordinator:

Name	Signature	Academic Year
Dr. Alaa Morgan		2024-2025

##### Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year

2024-2025

Semester

First

**1. Basic Information:**

Course Title (according to the bylaw)	Reinforced Concrete Structures	
Course Code (according to the bylaw)	CIVA211	
Department/s that participated in the teaching:	Civil Engineering	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	2	4
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	Second Year	
Academic Program	Civil Engineering	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Assoc. Prof. Mahmoud Abd-Aziz	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
-	1	1	-
Instructor Name			
Assoc. Prof. Mahmoud Abd-Aziz	Civil Engineering	Lecturer	Structural engineering
Eng. Ahmed El-Basiouny	Civil Engineering	Assistant lecturer	Structural engineering
Notes (if any): N/A			



Teaching and Learning						
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)	
15	30	30	--	28	--	

**Notes (if any) on:**  
 There is no change in teaching methods, hours and contents.

Student Assessment Methods that have been Implemented				
Method of assessment *	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	7	Theoretical questions and solve Problems	CLO1, CLO2, CLO3
Mid-Term Exam	Week 8	20	Multiple Choice, Theoretical questions and solve Problems	CLO1, CLO2, CLO3, CLO6
Final written Exam	16	80	Multiple Choice, Theoretical questions and solve Problems	CLO1, CLO2, CLO3, CLO6
Final practical Exam	-		-	-
Activities and assignments	Every week	18	Multiple Choice Theoretical questions and solve Problems	CLO2, CLO3, CLO4, CLO4, CLO6
Oral Exam (if exists)	-			

• The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.  
 • External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print  
 • Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.  
 • The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

Student Assessment Results	
Number of students (who started the course):	19
Number of students (who completed the course/ sat for the exam):	19
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	0



Total number of students who passed the exams successfully:						19												
Percentage of success (out of the total number of students who sat for the final exam)						100%												
<b>Grade Distribution</b>																		
<b>Grade</b>	<b>Excellent</b>	<b>Very good</b>	<b>Good</b>	<b>Pass</b>	<b>Fail</b>													
<b>Number of students</b>	2	4	3	9	1													
<b>Percentage</b>	10.5%	21.1%	15.8%	47.4%	5.3%													
<table border="1"> <thead> <tr> <th>Grade</th> <th>Number of students</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td>2</td> </tr> <tr> <td>Very good</td> <td>4</td> </tr> <tr> <td>Good</td> <td>3</td> </tr> <tr> <td>Pass</td> <td>9</td> </tr> <tr> <td>fail</td> <td>1</td> </tr> </tbody> </table>							Grade	Number of students	Excellent	2	Very good	4	Good	3	Pass	9	fail	1
Grade	Number of students																	
Excellent	2																	
Very good	4																	
Good	3																	
Pass	9																	
fail	1																	
Total number of students who failed the exams:						1												
Percentage of failure (for the total number of students who took the final exam)						5.3%												
<ul style="list-style-type: none"> <li>The students scoring between Good and very good are (3 and 4 students, respectively). Notably, grades Excellent were awarded to 2 students, showing that a sizable portion of the class achieved high academic performance. Additionally, only 1 student received a fail grade.</li> </ul>																		

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	19 / 19
Percentage of participants to the total number	100%
Important points of satisfaction	The teaching assistant has a good understanding of the course content.
Important points of dissatisfaction	The educational resources (e.g., lab equipment, lecture halls) are sufficient to develop professional and practical skills.

### 4. Instructors Reflection \*

- The educational process throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.



- **The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

### 5. Course Enhancement

One corrective action proposed in the previous academic year was to increase site visits that was considered through summer training course. However, it recommended to be under supervision of course coordinator.

#### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
2	Increase site visits	Increase field visits to construction sites to strengthen students practical skills	Coordinate with construction companies and schedule regular supervised site visits as a part of the academic calendar	

#### Course coordinator:

Name	Signature	Academic Year
Assoc. Prof. Mahmoud Abd- El-Aziz		2024-2025

#### Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year

2024-2025

Semester

Second

**1. Basic Information:**

Course Title (according to the bylaw)	Architectural Design (4)	
Course Code (according to the bylaw)	ARE 221	
Depaartment/s that participated in the teaching:	Architectural Engineering Department	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	4	6
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	Second year	
Academic Program	Architectural Engineering Program	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Assoc.prof. Kareem Mahrous	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
-	1	3	-

Instructor Name	Department	Academic degree	Specialty
Assoc.prof. Kareem Mahrous	Architecture	Associate Professor	
Eng. Mohammed Elsadat	Architecture	Assistant Lecturer	



Eng. Manar Bakry	Architecture	Demonstrator	
Eng. Mariam Ezz Al-Arb	Architecture	Demonstrator	
<b>Notes (if any):</b> N/A			

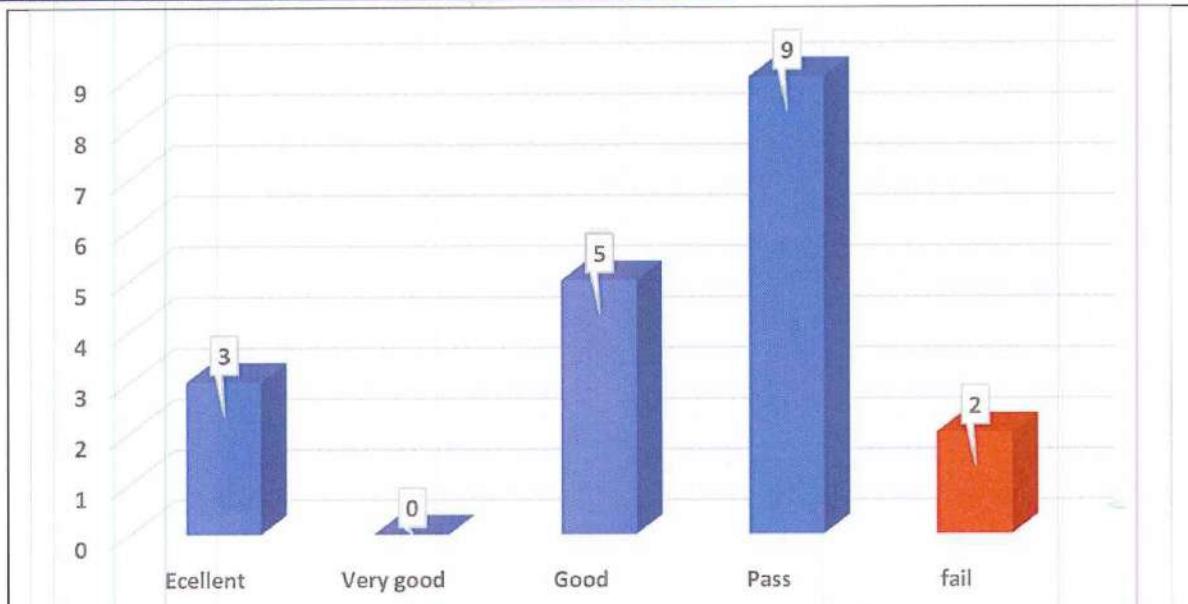
Teaching and Learning						
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)	
15	30	56	-	61	-	
<b>Notes (if any) on:</b>						
Topics not covered in this course are: studies of environment impact assessment. There is no change in teaching methods, hours and contents.						

Student Assessment Methods that have been Implemented					
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)	
Quizzes	Week 6, 11	13.5	Architectural drawings such as layout. Study model.	CLO1, CLO2, CLO3	
Mid-Term Exam	Week 8	27	Comprehensive design questions, including plans, and Sections.	CLO1, CLO2, CLO3, CLO4, CLO6	
Final written Exam	16	70	Comprehensive design question, including site analysis, plans, and elevations	CLO3, CLO4, CLO5, CLO6	
Final practical Exam	-	-	-	-	
Activities and assignments	Every week	49.5	Architectural drawings such as site analysis, floor plans, elevations,	CLO3, CLO4, CLO5, CLO6	



			and sections, presented as design sheet	
Oral Exam (if exists)	14	15	-	CLO3
<ul style="list-style-type: none"> <li>The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.</li> <li>External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blueprint</li> <li>Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.</li> <li>The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.</li> </ul>				

Student Assessment Results					
Number of students (who started the course):					19
Number of students (who completed the course/ sat for the exam):					19
Number of students who did not attend the final written exam (absent-deprived-withdrawn):					-
Total number of students who passed the exams successfully:					17
Percentage of success (out of the total number of students who sat for the final exam)					89.5%
Grade Distribution					
Grade	Excellent	Very good	Good	Pass	Fail
Number of students	3	0	5	9	2
Percentage	15.8%	0	26.3%	47.4%	10.5%



Total number of students who failed the exams:	2
Percentage of failure (for the total number of students who took the final exam)	10.5%
<ul style="list-style-type: none"> <li>The results show a noticeable concentration in the "Pass" category (9 students), indicating that most students achieved satisfactory but not exceptional results. In contrast, only a few students reached the top grades, 3 with "Excellent" and 5 with "Good" while 2 students did not meet the passing criteria.</li> </ul>	

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	18 / 19
Percentage of participants to the total number	94.7%



<b>Important points of satisfaction</b>	<i>The educational resources (laboratory equipment, lecture halls, and others) used are sufficient for acquiring professional and practical skills.</i>
<b>Important points of dissatisfaction</b>	<i>The objectives of the course were clearly presented in the first lecture.</i>

#### 4. Instructors Reflection \*

- **The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- **The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.



## 5. Course Enhancement

Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	use of interactive and practice-oriented teaching method	Broaden teaching strategies to include structured discussions, case-based learning, and design simulations	Organize hands-on workshops using software to apply concepts in real-life scenarios	
2	coverage of Environmental Impact Assessment (EIA) studies	Add a dedicated section on EIA principles and applications in construction projects	Integrate lectures with real case studies and assign student reports analyzing environmental impacts of selected projects	
3	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
4	Improve student understanding in weak areas such as structural systems	Provide supplementary learning materials and visual case studies	Upload topic-focused presentations and drawings on LMS	Based on student performance

Course coordinator:

Name	Signature	Academic Year
Assoc. prof. Kareem Mahrous		2024-2025

Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year

2024-2025

Semester

Second

**1. Basic Information:**

Course Title (according to the bylaw)	Building Construction (4)	
Course Code (according to the bylaw)	ARE 222	
Department/s that participated in the teaching:	Architectural Engineering Department	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	4	6
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	Second year	
Academic Program	Architectural Engineering Department	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Assoc.prof. Kareem Mahrous	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
0	1	2	0
Instructor Name	Department	Academic	Specialty



		degree	
Assoc.prof. Kareem Mahrous	Architectural Engineering Department	Assistant professor	Architectural design
Eng. Mohamed Sallam	Architectural Engineering Department	demonstrator	Architecture
Eng. Sara Yasser	Architectural Engineering Department	Teaching assistant	Architecture
<b>Notes (if any):</b> N/A			

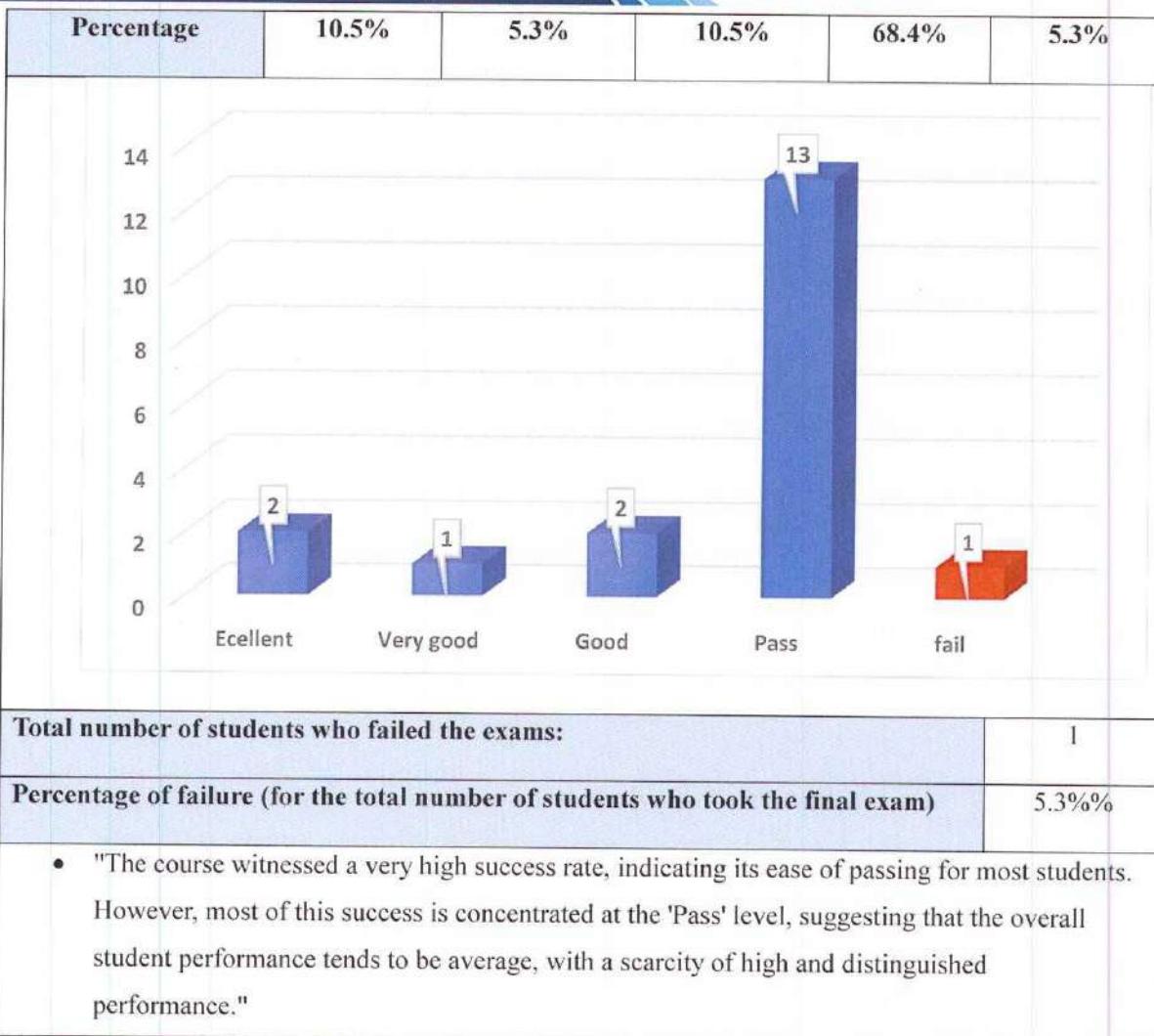
Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	60	-	36	
<b>Notes (if any) on:</b>					
There is no change in teaching methods, hours and contents.					

Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	9	Drawing	CLO2,CLO3,
Mid-Term Exam	Week 8	18	Drawing and Theoretical questions	CLO1,CLO2 CLO3,CLO4
Final written Exam	16	90	Drawing , Theoretical questions and Solve	CLO1,CLO2,CLO3, CLO4,CLO5,CLO6



		Problems		
Final practical Exam		-	-	-
Activities and assignments	Every week	33	Drawing and Solve Problems	CLO1,CLO4,CLO6
Oral Exam (if exists)		-	-	-
<ul style="list-style-type: none"> <li>The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.</li> <li>External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print</li> <li>Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.</li> <li>The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.</li> </ul>				

Student Assessment Results					
<b>Number of students (who started the course):</b>					19
<b>Number of students (who completed the course/ sat for the exam):</b>					19
<b>Number of students who did not attend the final written exam (absent-deprived-withdrawn):</b>					0
<b>Total number of students who passed the exams successfully:</b>					18
<b>Percentage of success (out of the total number of students who sat for the final exam)</b>					94.7%
Grade Distribution					
Grade	Excellent	Very good	Good	Pass	Fail
<b>Number of students</b>	2	1	2	13	1



### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	18 /19
Percentage of participants to the total	94.7%



number	
Important points of satisfaction	<ul style="list-style-type: none"> <li>• Demonstrates commitment to being available during scheduled office hours.</li> <li>• Demonstrates punctuality and adherence to scheduled lecture times</li> <li>• Demonstrates adherence to the prescribed course content and learning objectives.</li> </ul>
Important points of dissatisfaction	<ul style="list-style-type: none"> <li>• Demonstrates difficulty in delivering information clearly to students.</li> </ul>

#### 4. Instructors Reflection \*

- **The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- **The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

#### 5. Course Enhancement

Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Site Visits and Field Trips	Arrange regular visits to construction sites to observe real-world building processes	Scheduling the trips in alignment with the overall timetable	
2	Industry Expert	Focus on current trends, challenges, and best	Emphasis during lectures, explanations,	

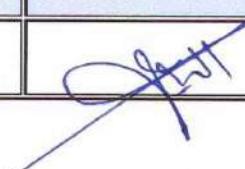


	Lectures	practices in building construction.	and field visits on modern building techniques.	
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Course coordinator:

Name	Signature	Academic Year
Assoc.prof. Kareem Mahrous		2024-2025

Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year 2024-2025

Semester

Second

**1. Basic Information:**

Course Title (according to the bylaw)	Urban Design	
Course Code (according to the bylaw)	ARE 223	
Department/s that participated in the teaching:	Architectural Engineering Department	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	3	5
Course Type	<input checked="" type="checkbox"/> Compulsory <input type="checkbox"/> Elective	
Academic level at which the course is taught	Second year	
Academic Program	Architectural Engineering Program	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Dr. Lamiaa Gamal	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
1	-	2	-

Instructor Name	Department	Academic degree	Specialty
Dr. Lamiaa Gamal	Architectural Engineering	Assistant professor	Architectural Engineering
Eng. Menna Nasser	Architectural Engineering	Demonstrator	Architectural Engineering
Eng. Dina Rizk	Architectural Engineering	Demonstrator	Architectural Engineering

Notes (if any): N/A



Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	45	--	41	
<b>Notes (if any) on:</b> Topics not covered in this course are: The connection between urban form and sustainability. There is no change in teaching methods, hours and contents.					

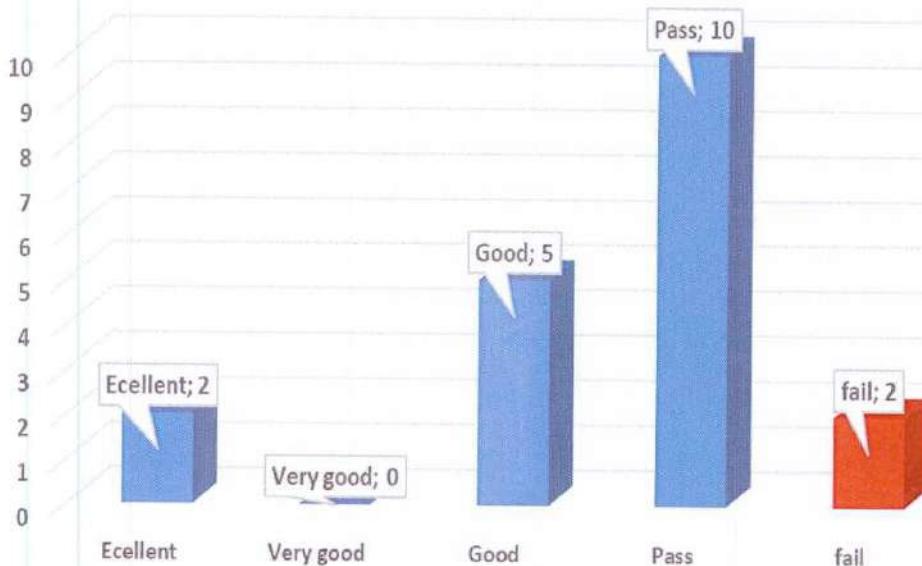
Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks /Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	7	Multiple Choice, Sketches	CLO1, CLO3, CLO4, CLO6.
Mid-Term Exam	Week 8	13	Multiple Choice, Sketches, Drawing and solve Problems	CLO2, CLO3, CLO4, CLO6, CLO7.
Final written Exam	16	80	Multiple Choice, Sketches, Drawing and solve Problems	CLO3, CLO4, CLO5, CLO7.
Final practical Exam	-	-	-	-
Activities and assignments	Every week	25	Multiple Choice, Sketches, Drawing and solve Problems	CLO1, CLO2, CLO3, CLO4, CLO7.
Oral Exam (if exists)	-	-	-	-
<ul style="list-style-type: none"> <li>The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.</li> <li>External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print</li> <li>Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.</li> <li>The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.</li> </ul>				

Student Assessment Results	
Number of students (who started the course):	19
Number of students (who completed the course/ sat for the exam):	19
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	-
Total number of students who passed the exams successfully:	17



Percentage of success (out of the total number of students who sat for the final exam)					89.5%
<b>Grade Distribution</b>					
Grade	Excellent	Very good	Good	Pass	Fail
Number of students	2	-	5	10	2
Percentage	10.5%	0%	26.3%	52.6%	10.5%

## Urban Design



Total number of students who failed the exams:	2
Percentage of failure (for the total number of students who took the final exam)	10.5%
<ul style="list-style-type: none"> <li>The grade distribution shows a negatively skewed curve, with the majority of students achieving a passing level but fewer reaching higher performance categories. Specifically, 10 students (52.6%) received a Pass grade, reflecting that over half the class met the minimum requirements. Meanwhile, 5 students (26.3%) earned a Good grade, and only 2 students (10.5%) achieved an Excellent grade. Additionally, 2 students (10.5%) failed the course, indicating areas where further instructional support may be necessary. The absence of Very Good grades and the presence of failures highlight opportunities to enhance teaching strategies and assessment methods to better support student learning and elevate overall achievement.</li> </ul>	

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in	18 / 19



the course evaluation	
Percentage of participants to the total number	49.7%
<b>Important points of satisfaction</b>	<ul style="list-style-type: none"> <li>The intended learning outcomes and course objectives were clearly communicated during the first lecture, ensuring that students had a clear understanding of the course expectations and learning pathway from the outset.</li> <li>The available educational resources—including laboratory equipment and lecture facilities—were adequate and effectively supported the development of students' professional and practical skills.</li> </ul>
<b>Important points of dissatisfaction</b>	<ul style="list-style-type: none"> <li>Students are not consistently allowed to review their midterm exam papers to learn from their mistakes, which limits their ability to improve and understand areas needing development.</li> </ul>

#### 4. Instructors Reflection \*

- The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

#### 5. Course Enhancement

One corrective action proposed in the previous academic year was to Application on interior design buildings. However, this was not achieved due to time constraints and the prioritization of core syllabus content to ensure coverage before final assessments.

#### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Addition of a module on sustainable urban design	Addition of a module on sustainable urban design	Update course syllabus and lecture schedule accordingly	Postponed from previous year
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	Improve student understanding in site analysis techniques	Provide supplementary materials and video	Upload focused videos and handouts on LMS	Based on student performance

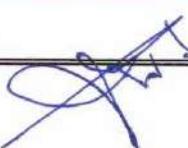


		tutorials		
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Course coordinator:

Name	Signature	Academic Year
Dr. Lamiaa Gamal		2024-2025

Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year

2024-2025

Semester

Second

**1. Basic Information:**

Course Title (according to the bylaw)	Building physics and environmental control	
Course Code (according to the bylaw)	ARE 224	
Department/s that participated in the teaching:	Architectural Engineering	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	2	4
Course Type	<input type="checkbox"/> Compulsory	<input checked="" type="checkbox"/> Elective
Academic level at which the course is taught	Second year architecture	
Academic Program	Architectural Engineering Program	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Dr. Marwa Eladham	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
1	-	1	..

Instructor Name	Department	Academic degree	Specialty
Dr. Marwa Eladham	Architectural Engineering	Assistant professor	Architectural Engineering and Environmental Design
Eng. Hend el-sayed	Architectural Engineering	Demonstrator	Architectural Design



Notes (if any): N/A

Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	30	--	30	

**Notes (if any) on:**  
 Topics not covered in this course are: design of buildings and Windows to adapt with their surrounding environments - landscaping and use of trees for shading, air purification, 13-and control of There is no change in teaching methods, hours and contents.

Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	6	Hand-drawn illustration Definitions	CLO2, CLO3
Mid-Term Exam	Week 8	18	Hand-drawn illustration Definitions True or False questions	CLO1, CLO2, CLO3, CLO4
Final written Exam	16	60	Comprehensive Applied Project Hand-drawn illustration Definitions	CLO1, CLO2, CLO3, CLO4, CLO5
Final practical Exam	-	-	-	-
Activities and assignments	Every week	16	Solve Problems(sketches), Reports and mind maps, prototype and simulation projects	CLO1, CLO4, CLO6
Oral Exam (if exists)	-			-

- The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.
- External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print
- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final



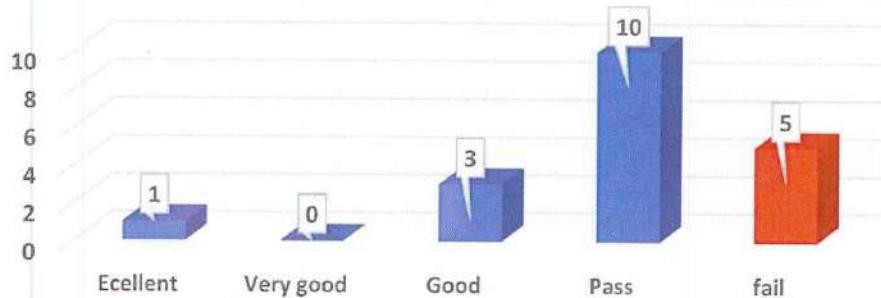
exam.

#### Student Assessment Results

Number of students (who started the course):	19
Number of students (who completed the course/ sat for the exam):	19
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	0
Total number of students who passed the exams successfully:	14
Percentage of success (out of the total number of students who sat for the final exam)	73.7%

#### Grade Distribution

Grade	Excellent	Very good	Good	Pass	Fail
Number of students	1	0	3	10	5
Percentage	5.2%	0%	15.7%	52.6%	26.3%



Total number of students who failed the exams:	5
Percentage of failure (for the total number of students who took the final exam)	26.3%
The chart shows the distribution of students' grades in the final exam in the form of a vertical bar graph, with student numbers increasing progressively from the highest to the lowest performance categories. Specifically, 1 students achieved an <i>Excellent</i> grade, followed by 0 students in the <i>Very Good</i> category, 3 students in the <i>Good</i> category, and 10 students who received an <i>Acceptable</i> grade, 5 received a <i>Fail</i> grade.	

#### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in	18/19



<b>the course evaluation</b>	
<b>Percentage of participants to the total number</b>	100%
<b>Important points of satisfaction</b>	The teaching assistant has a good understanding of the course content. The faculty member is committed to the course content.
<b>Important points of dissatisfaction</b>	The faculty member uses a variety of teaching methods.

#### 4. Instructors Reflection \*

- **The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- **The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

#### 5. Course Enhancement

##### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Increasing workshop for model simulation	Two academic workshops were held to enhance student engagement	Two workshops were conducted and their outcomes were discussed	
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	

##### Course coordinator:

Name	Signature	Academic Year
Dr. Marwa Eladham		2024-2025

##### Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year 2024-2025

Semester

Second

**1. Basic Information:**

Course Title (according to the bylaw)	Computer applications in architecture (2)	
Course Code (according to the bylaw)	ARE 225	
Department/s that participated in the teaching:	Architectural Engineering Department	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	2	4
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	Second year	
Academic Program	Architectural Engineering Department	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Prof. Dr. Tarek Abu Auf	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
1		2	-
Instructor Name			
Prof. Dr. Tarek Abu Auf	Architectural Department	Assistant professor	Architecture
Eng. Howyda Ali Elnakeep	Architectural Department	Demonstrator	Architecture
Eng. Somaya Mohamed	Architectural Department	Demonstrator	Architecture



Notes (if any): N/A

Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ ....)	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	30	--	28	

Notes (if any) on:  
 Topics not covered in this course are Revit Cloud Collaboration (BIM 360).  
 There is no change in teaching methods, hours and contents.

Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	4.5	Mini project	CLO2, CLO3
Mid-Term Exam	Week 8	13.5	Multiple Choice, Mini project	CLO1, CLO2, CLO3, CLO4, CLO5
Final written Exam	16	60	Multiple Choice, Theoretical questions and 3D Rendering	CLO1, CLO2, CLO3, CLO4
Final practical Exam	15	10	Mini project 2D Rendering	CLO1, CLO2, CLO3, CLO4
Activities and assignments	Every week	12	Room Data Sheets + Area Schedules, Architectural Visualization, and Mini project	CLO1, CLO3, CLO4, CLO5
Oral Exam (if exists)	-	-	-	-

- The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.
- External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print
- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

Student Assessment Results	
Number of students (who started the course):	19



Number of students (who completed the course/ sat for the exam):	19												
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	-												
Total number of students who passed the exams successfully:	19												
Percentage of success (out of the total number of students who sat for the final exam)	100%												
<b>Grade Distribution</b>													
<b>Grade</b>	<b>Excellent</b>	<b>Very good</b>	<b>Good</b>	<b>Pass</b>	<b>Fail</b>								
<b>Number of students</b>	<b>11</b>	<b>5</b>	<b>2</b>	<b>1</b>	<b>0</b>								
<b>Percentage</b>	<b>57.89%</b>	<b>26.3%</b>	<b>10.5%</b>	<b>5.26%</b>	<b>0</b>								
<table border="1"> <thead> <tr> <th>Grade</th> <th>Number of students</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td>11</td> </tr> <tr> <td>Very good</td> <td>5</td> </tr> <tr> <td>Good</td> <td>2</td> </tr> <tr> <td>Pass</td> <td>1</td> </tr> <tr> <td>Fail</td> <td>0</td> </tr> </tbody> </table>		Grade	Number of students	Excellent	11	Very good	5	Good	2	Pass	1	Fail	0
Grade	Number of students												
Excellent	11												
Very good	5												
Good	2												
Pass	1												
Fail	0												
Total number of students who failed the exams:	0												
Percentage of failure (for the total number of students who took the final exam)	%0												

- The grade distribution reveals a bell-shaped curve with the majority of students scoring between Good and very good (11 and 5 students, respectively). Notably, grades Excellent were awarded to 11 students, showing that a sizable portion of the class achieved high academic performance.

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	18 / 19
Percentage of participants to the total number	94.7%
Important points of satisfaction	<ul style="list-style-type: none"> <li>The objectives of the course were clearly explained in the first lecture.</li> <li>The teaching assistant has a good understanding of the course content.</li> <li>The educational resources (e.g., lab equipment, lecture halls) are sufficient to develop professional</li> </ul>



	and practical skills.
<b>Important points of dissatisfaction</b>	<ul style="list-style-type: none"> <li>The faculty member adheres to the scheduled lecture times as announced.</li> <li>The teaching method helps in discussion and dialogue to reach concepts and facts collectively.</li> <li>The objectives of the course were clearly explained in the first lecture.</li> </ul>

#### 4. Instructors Reflection \*

- The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- The scientific content** of the course was solid and comprehensive in terms of architectural workflow, but a few enhancements in phrasing and structure are recommended:
  - It is better to use precise terminology such as "Building Information Modeling (BIM)" to reflect the core function of Revit.
  - Add a clear component on integration with quantity takeoff and environmental analysis tools, such as *Navisworks* or *Insight*.
  - Consider including a unit on coordination across disciplines (e.g., MEP and Structural design), as this is a core advantage of using Revit in professional practice.
- Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

#### 5. Course Enhancement

One corrective action proposed in the previous academic year was to add a new topic related to the Using technology to support learning, such as VR simulations, or online design platforms.. However, this was not achieved due to time constraints and the prioritization of core syllabus content to ensure coverage before final assessments.

#### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Using technology to support learning, such as VR simulations, or online design platforms.	<ul style="list-style-type: none"> <li><b>Ensure accessibility and technical support:</b> <ul style="list-style-type: none"> <li>Provide students with tutorials, licenses, and technical assistance to effectively use the tools.</li> </ul> </li> <li><b>Integrate technology into course assessment:</b> <ul style="list-style-type: none"> <li>Introducing immersive VR simulations</li> <li>Adopt online collaborative design platforms</li> <li>Hands-on software workshops</li> <li>Incorporate digital tools in design studios</li> </ul> </li> </ul>		



		<ul style="list-style-type: none"> <li>- Encourage active use of these tools in assignments, projects, and presentations rather than optional exploration.</li> </ul>	<ul style="list-style-type: none"> <li>- Assessment based on tech-integration</li> </ul>	
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	Encourage students by providing an original copy of the software used during the course.	Accompany software with structured support	<ul style="list-style-type: none"> <li>- Institutional partnerships</li> <li>- Orientation sessions</li> <li>- In-course assignments using the software</li> </ul>	

Course coordinator:

	Name	Signature	Academic Year
	Prof. Dr. Tarek Abu Auf		2024-2025

Name and Signature Head of the Department Council:

	Name	Signature	Academic Year
	Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year 2024-2025

Semester

Second

**1. Basic Information:**

Course Title (according to the bylaw)	Steel Structure	
Course Code (according to the bylaw)	CIV A221	
Department/s that participated in the teaching:	Civil Engineering	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	2	4
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	Second Year	
Academic Program	Architectural Engineering	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Dr. Khaled El-Tawil	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
1	-	1	-
Instructor Name			
Dr. Khaled El-Tawil	Civil Engineering	Lecturer	Structural Engineering
Eng. Ahmed El-Baz	Civil Engineering	Assistant Lecturer	Structural Engineering
Notes (if any): N/A			



Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	30	--	28	

**Notes (if any) on:**  
 There is no change in teaching methods, hours and contents.

Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	4.5	Multiple Choice, Theoretical questions and solve Problems	CLO2, CLO4
Mid-Term Exam	Week 8	13.5	Multiple Choice, Theoretical questions and solve Problems	CLO1, CLO2, CLO3
Final written Exam	16	70	Multiple Choice, Theoretical questions and solve Problems	CLO1, CLO2, CLO3, CLO4, CLO5
Final practical Exam	-	--	-	-
Activities and assignments	Every week	12	Multiple Choice, Theoretical questions and solve Problems	CLO2, CLO4
Oral Exam (if exists)	-	-	-	-

- The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.
- External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print
- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

Student Assessment Results	
Number of students (who started the course):	19
Number of students (who completed the course/ sat for the exam):	19
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	-



Total number of students who passed the exams successfully:					18												
Percentage of success (out of the total number of students who sat for the final exam)					94.7 %												
<b>Grade Distribution</b>																	
Grade	Excellent	Very good	Good	Pass	Fail												
Number of students	1	1	3	13	1												
Percentage	5.30 %	5.30 %	15.8 %	68.4 %	5.30 %												
<table border="1"> <thead> <tr> <th>Grade</th><th>Number of students</th> </tr> </thead> <tbody> <tr><td>Excellent</td><td>1</td></tr> <tr><td>Very good</td><td>1</td></tr> <tr><td>Good</td><td>3</td></tr> <tr><td>Pass</td><td>13</td></tr> <tr><td>Fail</td><td>1</td></tr> </tbody> </table>						Grade	Number of students	Excellent	1	Very good	1	Good	3	Pass	13	Fail	1
Grade	Number of students																
Excellent	1																
Very good	1																
Good	3																
Pass	13																
Fail	1																
Total number of students who failed the exams:					1												
Percentage of failure (for the total number of students who took the final exam)					5.30 %												
<ul style="list-style-type: none"> <li>The grade distribution reveals a bell-shaped curve with the majority of students scoring between Good and very good (3 and 0 students, respectively). Notably, grades Excellent were awarded to 6 students, showing that a sizable portion of the class achieved high academic performance.</li> </ul>																	

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	18 / 19
Percentage of participants to the total number	94.7 %
Important points of satisfaction	<ul style="list-style-type: none"> <li>The objectives of the course were clearly explained in the first lecture.</li> <li>The faculty member adheres to the scheduled lecture times as announced.</li> <li>The faculty member has personal qualities that are acceptable to students.</li> </ul>

**Important points of dissatisfaction**

- The available IT facilities are adequate for implementing the e-learning system.
- The library resources (books, references, notes) help me in understanding and studying the material.

**4. Instructors Reflection \***

- **The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- **The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

**5. Course Enhancement**

Among the proposed improvements in the previous academic year was the enhancement of practical exposure through an increased number of site visits. However, due to time constraints and the need to prioritize core academic content, this initiative could not be implemented as planned.

**Course development plan for the next academic semester/year**

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
2	Increase exposure to real-world engineering practices	Organize site visits to active construction or infrastructure projects	Coordinate with local construction firms and schedule visits during the semester	Planned for Second-year Architectural Engineering students

**Course coordinator:**

Name	Signature	Academic Year
Dr. Khaled El-Tawil		2024-2025

**Name and Signature Head of the Department Council:**

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year

2024-2025

Semester

First

**1. Basic Information:**

Course Title (according to the bylaw)	Architectural design (5)	
Course Code (according to the bylaw)	ARE 311	
Department/s that participated in the teaching:	Architectural Engineering	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	4	6
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	Third year architecture	
Academic Program	Architectural Engineering Program	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Dr. Shaima Naseer	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
-	1	4	-



Instructor Name	Department	Academic degree	Specialty
Dr. Shaima Naseer	Architectural Engineering	Assistant professor	Architectural Engineering and Urban Planning
Eng. Rahaf ibrahim Eng. Menna naser Eng. Hend el-sayed Eng. Sara yasser	Architectural Engineering	Demonstrator	Architectural Design
<b>Notes (if any):</b> N/A			

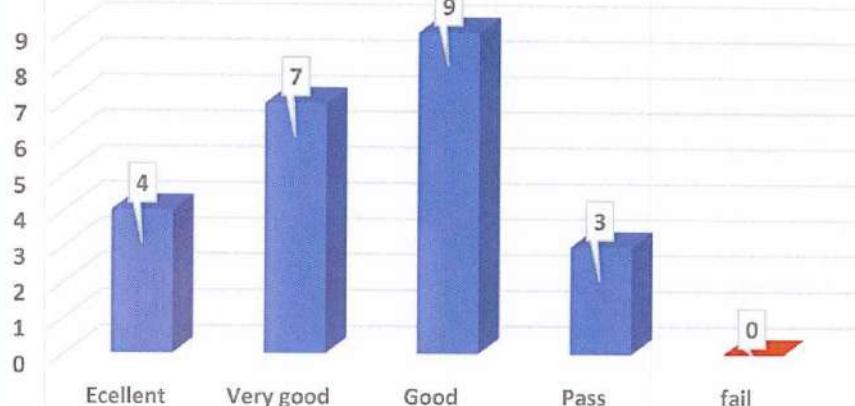
Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	60	--	56	
<b>Notes (if any) on:</b>					
Topics not covered in this course are: the kind of relationship between external volumes and building shapes (Model simulation workshop ).					
There is no change in teaching methods, hours and contents.					

Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	13.5	Rapid sketch for a design idea	CLO3, CLO4, CLO5, CLO6
Mid-Term Exam	Week 8	27	Minor hands-on exercise (sketches)	CLO2, CLO3, CLO4, CLO5
Final written Exam	16	70	Comprehensive Applied Project	CLO3, CLO4, CLO5, CLO6
Final practical Exam	14	49.5	Experimental	CLO4, CLO7
Activities and	Every week	15	Solve	CLO1, CLO2



assignments			Problems(sketches), Reports and mind maps, prototype and simulation projects	
Oral Exam (if exists)	-			CLO1, CLO2
<ul style="list-style-type: none"> <li>The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.</li> <li>External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print</li> <li>Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.</li> <li>The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.</li> </ul>				

Student Assessment Results					
Number of students (who started the course):					23
Number of students (who completed the course/ sat for the exam):					23
Number of students who did not attend the final written exam (absent-deprived-withdrawn):					0
Total number of students who passed the exams successfully:					23
Percentage of success (out of the total number of students who sat for the final exam)					100%
Grade Distribution					
Grade	Excellent	Very good	Good	Pass	Fail
Number of students	4	7	9	3	0
Percentage	17.4%	30.4%	39.1%	13%	0%



Total number of students who failed the exams:	0
Percentage of failure (for the total number of students who took the final exam)	0%
The grade distribution follows a bell-shaped curve, with student numbers increasing progressively from the highest to the lowest performance categories. Specifically, 4 students achieved an <i>Excellent</i> grade, followed by 7 students in the <i>Very Good</i> category, 9 students in the <i>Good</i> category, and 3 students who received an <i>Acceptable</i> grade, (0%) received a <i>Fail</i> grade.	

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	20/23
Percentage of participants to the total number	86.9%
Important points of satisfaction	The faculty member adheres to the The objectives of the course were clearly explained in the first lecture.
Important points of dissatisfaction	The teaching assistant evaluates students fairly and transparently The teaching assistant adheres to the announced office hours



#### 4. Instructors Reflection \*

- **The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- **The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

#### 5. Course Enhancement

##### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Increasing workshop for model simulation	Two academic workshops were held to enhance student engagement	Two workshops were conducted and their outcomes were discussed	
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	Improve student understanding in weak areas such as chemical equilibrium	Provide supplementary learning materials and video tutorials	Upload topic-focused videos and handouts on LMS	Based on student performance
4	Increase practical engagement in laboratory sessions	Introduce mini-projects or real-world applications	Assign group experiments linked to industrial scenarios	

Course coordinator:

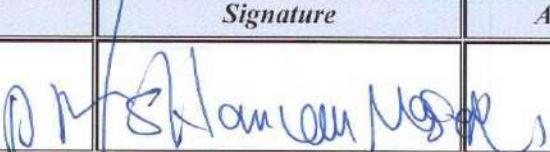
Ministry of Higher Education

Higher Institute of Engineering and Technology at Manzalla

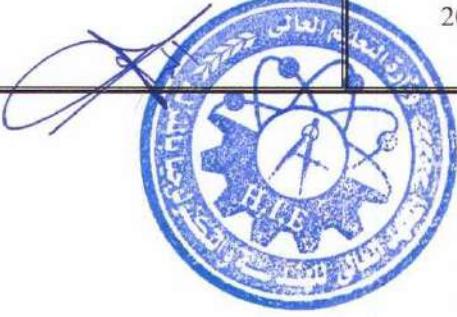
Established by Ministerial Resolution No. (2354) of 2019

Architectural Engineering Program



Name	Signature	Academic Year
Dr. Shaima Naseer		2024-2025

Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year

2024-2025

Semester

First

## 1. Basic Information:

Course Title (according to the bylaw)	Executive designs (1)	
Course Code (according to the bylaw)	ARE 312	
Department/s that participated in the teaching:	Architectural Engineering	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
1	4	5
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	Third year	
Academic Program	All Program	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Dr. Lamia Al-Adl	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

## 2. Data and Statistics

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
0	1	2	0
Instructor Name	Department	Academic degree	Specialty
Dr. Lamia Al-Adl	Architectural Engineering	professor	Architecture



Eng. Nehal Mohamed	Architectural Engineering	Teaching assistant	architecture
Eng. Mariam Ezz El- Arab	Architectural Engineering	Teaching assistant	architecture
Notes (if any): N/A			

Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	15	60	-	56	
Notes (if any) on:					
There is no change in teaching methods, hours and contents.					

Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	11	Drawing	CLO2 ,CLO4
Mid-Term Exam	Week 8	22.5	Drawing	CLO2,CLO3,CLO4, CLO5
Final written Exam	16	60	Drawing	CLO2,CLO3,CLO4, CLO5
Final practical Exam	-	-	-	-
Activities and assignments	Every week	41. 5	Drawing	CLO2
Oral Exam (if exists)	(As Schedule)	15	Drawing	CLO6
<ul style="list-style-type: none"> <li>The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.</li> <li>External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print</li> </ul>				



- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

Student Assessment Results																	
Number of students (who started the course):					23												
Number of students (who completed the course/ sat for the exam):					23												
Number of students who did not attend the final written exam (absent-deprived-withdrawn):					0												
Total number of students who passed the exams successfully:					21												
Percentage of success (out of the total number of students who sat for the final exam)					91.3%												
Grade Distribution																	
Grade	Excellent	Very good	Good	Pass	Fail												
Number of students	4	5	10	2	2												
Percentage	17.4%	21.7%	43.5%	8.7%	8.7%												
<table border="1"> <thead> <tr> <th>Grade</th> <th>Number of students</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td>4</td> </tr> <tr> <td>Very good</td> <td>5</td> </tr> <tr> <td>Good</td> <td>10</td> </tr> <tr> <td>Pass</td> <td>2</td> </tr> <tr> <td>fail</td> <td>2</td> </tr> </tbody> </table>						Grade	Number of students	Excellent	4	Very good	5	Good	10	Pass	2	fail	2
Grade	Number of students																
Excellent	4																
Very good	5																
Good	10																
Pass	2																
fail	2																



<b>Total number of students who failed the exams:</b>	2
<b>Percentage of failure (for the total number of students who took the final exam)</b>	8.7%
<ul style="list-style-type: none"> <li>Indicates the success of students in this course. The vast majority of students have successfully mastered the material, with a significant percentage of high achievers. The failure rate is very low, which enhances confidence in the effectiveness of the educational process.</li> </ul>	

### 3. Student Feedback

Item	Comment
<b>Means of Evaluation:</b>	Questionnaire (online on Dulms)
<b>Timing of Evaluation:</b>	After Mid-Term to the final Exam
<b>Number of students who participated in the course evaluation</b>	20 /23
<b>Percentage of participants to the total number</b>	86.95%
<b>Important points of satisfaction</b>	<ul style="list-style-type: none"> <li>The extent to which students accept and respond positively to the faculty member's personal attributes.</li> <li>Exhibits excellence in delivering and explaining information clearly to students.</li> <li>Demonstrates commitment to covering the prescribed course material.</li> </ul>
<b>Important points of dissatisfaction</b>	<ul style="list-style-type: none"> <li>The instructor frequently fails to attend lectures at the designated times as per the official schedule.</li> </ul>

### 4. Instructors Reflection \*

- The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.



- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

## 5. Course Enhancement

One corrective action proposed in the previous academic year was to first time introducing the course and workshops for architectural directing because Insufficient time available within the planned schedule.

### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Aiming to strengthen students' academic knowledge and practical skills	Increase the lecture for explain Working details of project (sitting out)	Conducting lectures and reinforcing student understanding by assigning related tasks	
2	Aiming to strengthen students' academic knowledge and practical skills	Increasing workshops for architectural directing	Demonstrates commitment to being available during scheduled office hours	

### Course coordinator:

Name	Signature	Academic Year
Dr. Lamia Al-Adl		2024-2025

### Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year 2024-2025

Semester

first

**1. Basic Information:**

Course Title (according to the bylaw)	Urban Planning and Design	
Course Code (according to the bylaw)	ARE 313	
Department/s that participated in the teaching:	Architectural Engineering Department	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	4	6
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	Third year	
Academic Program	Architectural Engineering Department	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	ASSO. Prof. Dr. Marwa atef	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
1		2	-

Instructor Name	Department	Academic degree	Specialty
ASSO. Prof. Dr. Marwa atef	Architectural Department	Assistant professor	Architecture
Eng. Howyda Ali Elnakeep	Architectural	Demonstrator	Architecture



	Department		
Eng. Menna Nasser	Architectural Department	Demonstrator	Architecture
Eng. Dina Rizk	Architectural Department	Demonstrator	Architecture
<b>Notes (if any):</b> N/A			

Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	60	--	56	
<b>Notes (if any) on:</b>					
Topics not covered in this course are Analysis and design of urban spaces. There is no change in teaching methods, hours and contents.					

Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	7.5	Multiple Choice, True / False ,Definition of terms	CLO2, CLO3, CLO4
Mid-Term Exam	Week 8	15	Sketching / Conceptual Diagram, Comparison	CLO1, CLO2, CLO3
Final written Exam	16	100	Case Study Analysis, Urban Space Design	CLO1, CLO2, CLO3, CLO4, CLO5, CLO6
Final practical Exam	-	-	-	-
Activities and assignments	Every week	27.5	Mini Projects, individual collective	CLO5, CLO6, CLO7
Oral Exam (if exists)	-	-	-	-

- The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.



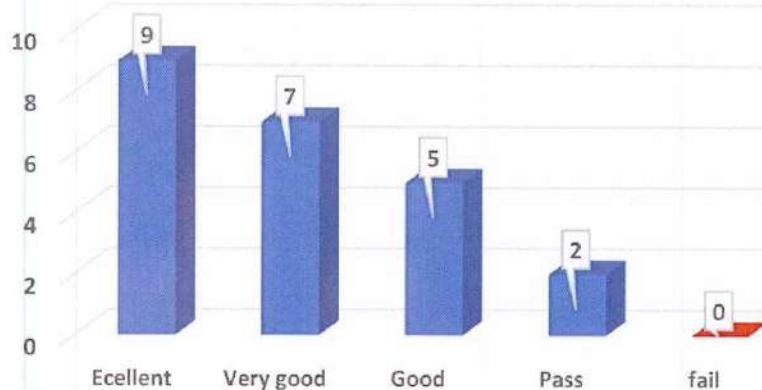
- External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blueprint
- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

#### Student Assessment Results

Number of students (who started the course):	23
Number of students (who completed the course/ sat for the exam):	23
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	-
Total number of students who passed the exams successfully:	23
Percentage of success (out of the total number of students who sat for the final exam)	100%

#### Grade Distribution

Grade	Excellent	Very good	Good	Pass	Fail
Number of students	9	7	5	2	0
Percentage	39.1%	30.4%	21.7%	8.7%	0





<b>Total number of students who failed the exam:</b>	0
<b>Percentage of failure (for the total number of students who took the final exam)</b>	%0
<ul style="list-style-type: none"> <li>The curve reveals the distribution of grades with the majority of students scoring between good and very good (5 and 7 students respectively). It is worth noting that excellent grades were awarded to 9 students, which indicates that a large percentage of the class achieved high academic performance, and therefore a gradation must be added to the exam questions and Advanced topics</li> </ul>	

### 3. Student Feedback

Item	Comment
<b>Means of Evaluation:</b>	Questionnaire (online on Dulms)
<b>Timing of Evaluation:</b>	After Mid-Term to the final Exam
<b>Number of students who participated in the course evaluation</b>	22 / 23
<b>Percentage of participants to the total number</b>	86.95 %
<b>Important points of satisfaction</b>	<ul style="list-style-type: none"> <li>The objectives of the course were clearly explained in the first lecture.</li> <li>The faculty member adheres to the scheduled lecture times as announced.</li> <li>The faculty member is committed to the course content.</li> </ul>
<b>Important points of dissatisfaction</b>	<ul style="list-style-type: none"> <li>The educational resources (e.g., lab equipment, lecture halls) are sufficient to develop professional and practical skills.</li> <li>The assessment methods are varied (written, practical, oral) to measure my understanding and practical skills.</li> <li>The teaching assistant attends on time according to the schedule.</li> </ul>

### 4. Instructors Reflection \*



- **The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- **The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

## 5. Course Enhancement

One corrective action proposed in the previous academic year was to add a new topic related to the involve students in community engagement activities to understand the social aspects of urban planning. However, this was not achieved due to time constraints and the prioritization of core syllabus content to ensure coverage before final assessments.

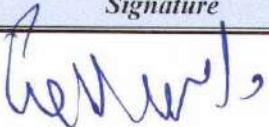
### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Involve students in community engagement activities to understand the social aspects of urban planning.	<p>1. <b>Clarify the educational objective</b> by specifying why engagement matters (e.g., developing empathy, inclusivity, and real-world skills).</p> <p>2. <b>Broaden the focus</b> from mere “involvement” to meaningful, participatory collaboration with communities.</p> <p>3. <b>Add depth</b> by including the cultural and human dimensions, not just social</p>	<ul style="list-style-type: none"> <li>• Integrate service-learning modules into the course that require fieldwork in urban communities.</li> <li>• Establish partnerships with local municipalities, NGOs or planning departments for student collaboration.</li> <li>• Design reflective assignments (journals, reports, presentations) to help students critically assess their engagement experiences.</li> </ul>	

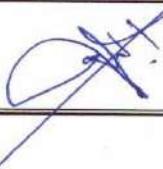


2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
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**Course coordinator:**

Name	Signature	Academic Year
ASSO. Prof. Dr. Marwa atef		2024-2025

**Name and Signature Head of the Department Council:**

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year

2024-2025

Semester

First

**1. Basic Information:**

Course Title (according to the bylaw)	History & Theories of Architecture (3)		
Course Code (according to the bylaw)	ARE 314		
Department/s that participated in the teaching:	Architectural Engineering		
Number of credit hours/points of the course (according to the bylaw)			
Lecture	Tutorial / Laboratory	Total contact	
3	-	3	
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective	
Academic level at which the course is taught	Third year		
Academic Program	Architectural Engineering Program		
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla		
University/Academy	Manzalla Academy		
Name of Course Coordinator	Dr. Marwa Aladham		
Course Report Approval Date	16 August 2025		
Course Report Approval	Institute Council No. (12) on 16 August 2025		

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
1	-	-	-



Instructor Name	Department	Academic degree	Specialty
Dr. Alaa Morgan	Architectural Engineering	Assistant professor	Urban design, urban planning, and planning studies
Notes (if any): N/A			

Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	45	45	--	26	
Notes (if any) on:					
Topics not covered in this course are: commercial buildings. There is no change in teaching methods, hours and contents.					

Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	2	Theoretical questions and solve Problems	CLO1, CLO2, CLO3, CLO4, CLO5.
Mid-Term Exam	Week 8	7	Theoretical questions and solve Problems	CLO1, CLO2, CLO3.
Final written Exam	16	60	Theoretical questions and solve Problems	CLO1, CLO2, CLO3, CLO4, CLO5.
Final practical Exam	-	-	-	-
Activities and assignments	Every week	6	Solve Problems, Reports and mind maps, prototype and simulation projects	CLO1, CLO2, CLO3, CLO4, CLO5.
Oral Exam (if exists)	-			
<ul style="list-style-type: none"> <li>The examination committees are selected through the Department Council based on specialization.</li> <li>A second examiner is chosen within the same field as the first examiner.</li> </ul>				



- External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print
- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

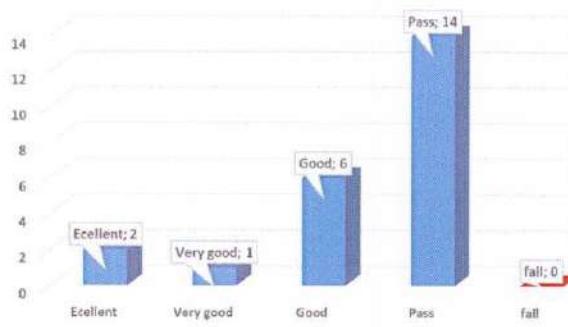
#### Student Assessment Results

Number of students (who started the course):	23
Number of students (who completed the course/ sat for the exam):	23
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	-
Total number of students who passed the exams successfully:	23
Percentage of success (out of the total number of students who sat for the final exam)	100%

#### Grade Distribution

Grade	Excellent	Very good	Good	Pass	Fail
Number of students	2	1	6	14	0
Percentage	8.7%	4.3%	26.1%	60.9%	0%

History & Theories of Architecture (3)





Total number of students who failed the exams:	0
Percentage of failure (for the total number of students who took the final exam)	0%
<ul style="list-style-type: none"> <li>The grade distribution indicates a skewed curve with the majority of students (14 out of 23) achieving a Pass grade, representing 60.9% of the class. A smaller portion, 6 students (26.1%), obtained a Good grade, while only 2 students (8.7%) received an Excellent and 1 student (4.3%) received a Very Good. Notably, no students failed, suggesting a generally acceptable level of performance across the class, though very few students achieved top-tier grades.</li> </ul>	

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	20 / 23
Percentage of participants to the total number	87%
Important points of satisfaction	<ul style="list-style-type: none"> <li>The results indicate that students are generally satisfied with the educational resources provided, such as lab equipment and lecture halls. A significant number of respondents agreed that these facilities are sufficient for developing the necessary professional and practical skills.</li> <li>Additionally, the IT infrastructure received positive feedback, with students confirming that the available IT resources are adequate to support the implementation of the e-learning system, reflecting an effective integration of digital tools into the learning environment.</li> </ul>
Important points of dissatisfaction	<ul style="list-style-type: none"> <li>One of the lowest-rated aspects was library resources (books, references, notes), with many students reporting that these materials did not sufficiently help them in understanding and studying the course content. This suggests a need to improve or update the library's offerings to better align with course requirements and support diverse learning needs.</li> </ul>



#### 4. Instructors Reflection \*

- **The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- **The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

#### 5. Course Enhancement

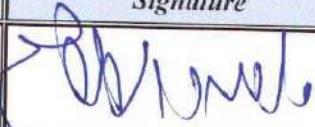
One corrective action proposed in the previous academic year was to add a new topic related to the fertilizer industry. However, this was not achieved due to time constraints and the prioritization of core syllabus content to ensure coverage before final assessments.

#### Course development plan for the next academic semester/year

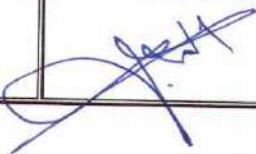
No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Addition of a topic on commercial buildings in 20th-century architecture	Include a focused topic on commercial and office building evolution	Update course syllabus and dedicate 1–2 lectures to the subject	Postponed from previous year
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	Limited student engagement during theoretical lectures	Integrate interactive discussions and case study analyses	Assign pre-lecture readings and facilitate classroom debates	Enhance critical thinking and participation
4	Students struggle with understanding architectural movements and transitions	Provide visual timelines and conceptual maps	Share diagrams and infographics via LMS	



Course coordinator:

Name	Signature	Academic Year
Dr. Dr. Marwa Aladham		2024-2025

Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year 2024-2025

Semester First

**1. Basic Information:**

Course Title (according to the bylaw)	Environmental Design	
Course Code (according to the bylaw)	ARE 31XE	
Department/s that participated in the teaching:	Architectural Engineering	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	2	4
Course Type	<input type="checkbox"/> Compulsory	<input checked="" type="checkbox"/> Elective
Academic level at which the course is taught	Third year	
Academic Program	Architectural Engineering	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Dr. Marwa El-adham	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
1	0	3	0

Instructor Name	Department	Academic degree	Specialty
Dr. Marwa El-Adham	Architectural Engineering	professor	Architecture and Environmental Design
Eng. Nehal Mohamed	Architectural Engineering	Teaching assistant	architecture



Eng. Sara Yasser	Architectural Engineering	Teaching assistant	architecture
End. Khloud ahmed	Architectural Engineering	Teaching assistant	architecture
<b>Notes (if any):</b> N/A			

#### Teaching and Learning

Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	30	-	21	

**Notes (if any) on:**

There is no change in teaching methods, hours and contents.

#### Student Assessment Methods that have been Implemented

Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	4.5	Theoretical questions	Clo3 ,Clo4 ,Clo5,Clo6
Mid-Term Exam	Week 8	13.5	Theoretical questions	Clo3 ,Clo4 ,Clo5,Clo6
Final written Exam	16	70	Theoretical questions	Clo3 ,Clo4 ,Clo5,Clo6
Final practical Exam	-	-	-	-
Activities and assignments	Every week	12	Theoretical questions	Clo1,Clo2
Oral Exam (if exists)	-	-	-	-

- The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.
- External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print
- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.



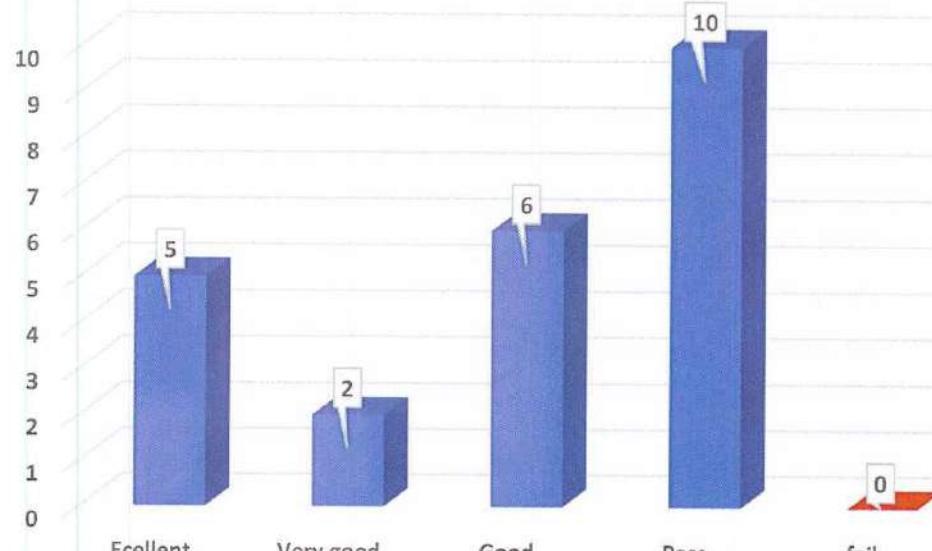
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

#### Student Assessment Results

Number of students (who started the course):	23
Number of students (who completed the course/ sat for the exam):	23
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	0
Total number of students who passed the exams successfully:	23
Percentage of success (out of the total number of students who sat for the final exam)	100%

#### Grade Distribution \*

Grade	Excellent	Very good	Good	Pass	Fail
Number of students	5	2	6	10	0
Percentage	21.7%	8.7%	26.1%	43.5%	0.0%



Total number of students who failed the exams:	0
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Percentage of failure (for the total number of students who took the final exam)	0%
<ul style="list-style-type: none"> <li>These results demonstrate the overall performance of students. All students passed the final exam. Although the majority of students received a "passable" grade, a significant percentage of students achieved "good," "excellent," and "very good" grades, reflecting a solid understanding of the course material.</li> </ul>	

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	20 / 23
Percentage of participants to the total number	86.95%
Important points of satisfaction	<ul style="list-style-type: none"> <li>The extent to which students accept and respond positively to the faculty member's personal attributes.</li> <li>Exhibits excellence in delivering and explaining information clearly to students.</li> <li>Demonstrates commitment to covering the prescribed course material.</li> </ul>
Important points of dissatisfaction	<ul style="list-style-type: none"> <li>The instructor frequently fails to attend lectures at the designated times as per the official schedule.</li> </ul>

### 4. Instructors Reflection \*

- The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.



- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

## 5. Course Enhancement

One corrective action proposed in the previous academic year was to First time introducing the course  
**Course development plan for the next academic semester/year**

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	students' academic knowledge and practical skills	enhance students' competencies and understanding	Increase architectural drafting workshops	
2	First time introducing the course	Increase the number of session hours	Using a variety of teaching methods, such as discussions, case studies and simulations to keep students engaged and active learners.	

### Course coordinator:

Name	Signature	Academic Year
Dr. Marwa Al Adham		2024-2025

### Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abou Ouf		2024-2025



Academic Year 2024-2025

Semester

First

**1. Basic Information:**

Course Title (according to the bylaw)	Foundations		
Course Code (according to the bylaw)	CIVA311		
Department/s that participated in the teaching:	Civil Engineering		
Number of credit hours/points of the course (according to the bylaw)			
Lecture	Tutorial / Laboratory	Total contact	
2	2	4	
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective	
Academic level at which the course is taught	Third Year		
Academic Program	Civil Engineering		
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla		
University/Academy	Manzalla Academy		
Name of Course Coordinator	Dr. Mahmoud El-Gendi		
Course Report Approval Date	16 August 2025		
Course Report Approval	Institute Council No. (12) on 16 August 2025		

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
-	1	1	-

Instructor Name	Department	Academic degree	Specialty
Dr. Mahmoud El-Gendi	Civil Engineering	Lecturer	Structural engineering
Eng. Ahmed El-Basiouny	Civil Engineering	Assistant lecturer	Structural engineering



Notes (if any): N/A

#### Teaching and Learning

Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	30	--	28	--

Notes (if any) on:

There is no change in teaching methods, hours and contents.

#### Student Assessment Methods that have been Implemented

Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	4.5	Theoretical questions and solve Problems	CLO4, CLO6
Mid-Term Exam	Week 8	13.5	Multiple Choice, Theoretical questions and solve Problems	CLO1, CLO2, CLO3, CLO6
Final written Exam	16	70	Multiple Choice, Theoretical questions and solve Problems	CLO1, CLO2, CLO3, CLO4, CLO5, CLO6
Final practical Exam	-	-	-	-
Activities and assignments	Every week	12	Multiple Choice Theoretical questions and solve Problems	CLO2, CLO3, CLO4, CLO6
Oral Exam (if exists)	-			

• The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.  
 • External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print



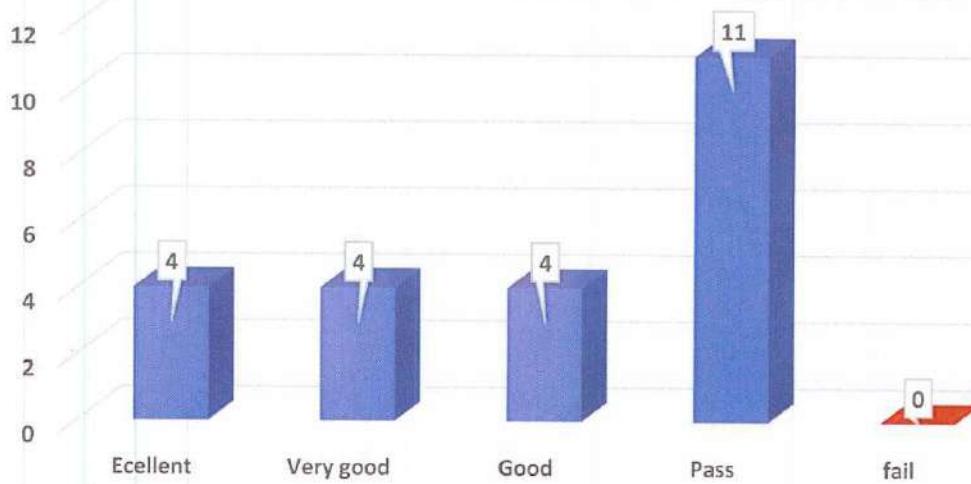
- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

#### Student Assessment Results

Number of students (who started the course):	23
Number of students (who completed the course/ sat for the exam):	23
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	0
Total number of students who passed the exams successfully:	23
Percentage of success (out of the total number of students who sat for the final exam)	100%

#### Grade Distribution

Grade	Excellent	Very good	Good	Pass	Fail
Number of students	4	4	4	11	0
Percentage	17.4%	17.4%	17.4%	47.8%	0



Total number of students who failed the exams:	0
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Percentage of failure (for the total number of students who took the final exam)	%0
• The students scoring between Good and very good are (4 and 4 students, respectively). Notably, grades Excellent were awarded to 4 students, showing that a sizable portion of the class achieved high academic performance. Additionally, no students received a fail grade.	

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	23 / 23
Percentage of participants to the total number	100%
Important points of satisfaction	The faculty member is available during designated office hours. The faculty member uses a variety of teaching methods.
Important points of dissatisfaction	The educational tools used in teaching greatly assist me in following and understanding the course content.

### 4. Instructors Reflection \*

- **The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- **The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

### 5. Course Enhancement



One corrective action proposed in the previous academic year was to increase site visits that was considered through summer training course. However, it recommended to be under supervision of course coordinator.

#### **Course development plan for the next academic semester/year**

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
4	Increase site visits	Increase field visits to construction sites to strengthen students practical skills	Coordinate with construction companies and schedule regular supervised site visits as a part of the academic calendar	

#### Course coordinator:

Name	Signature	Academic Year
Dr. Mahmoud El-Gendi		2024-2025

#### Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Abu Auf		2024-2025



Academic Year

2024-2025

Semester

Second

**1. Basic Information:**

Course Title (according to the bylaw)	Architectural design (6)	
Course Code (according to the bylaw)	ARE 321	
Department/s that participated in the teaching:	Architectural Engineering Department	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	5	7
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	Third year	
Academic Program	Architectural Engineering Program	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	ASSOC.Prof. Dr. Kareem Mahrous	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
	1	3	

Instructor Name	Department	Academic degree	Specialty
ASSOC.Prof..Kareem Mahrous	Architecture Engineering	ASSOC.Prof	Architectural design
Eng. Mohamed sallam	Architecture	Demonstrator	Architecture



	Engineering		
Eng.rahaf Ibrahim	Architecture Engineering	Demonstrator	Architecture
Eng.menna naser	Architecture Engineering	Demonstrator	Architecture
<b>Notes (if any):</b> N/A			

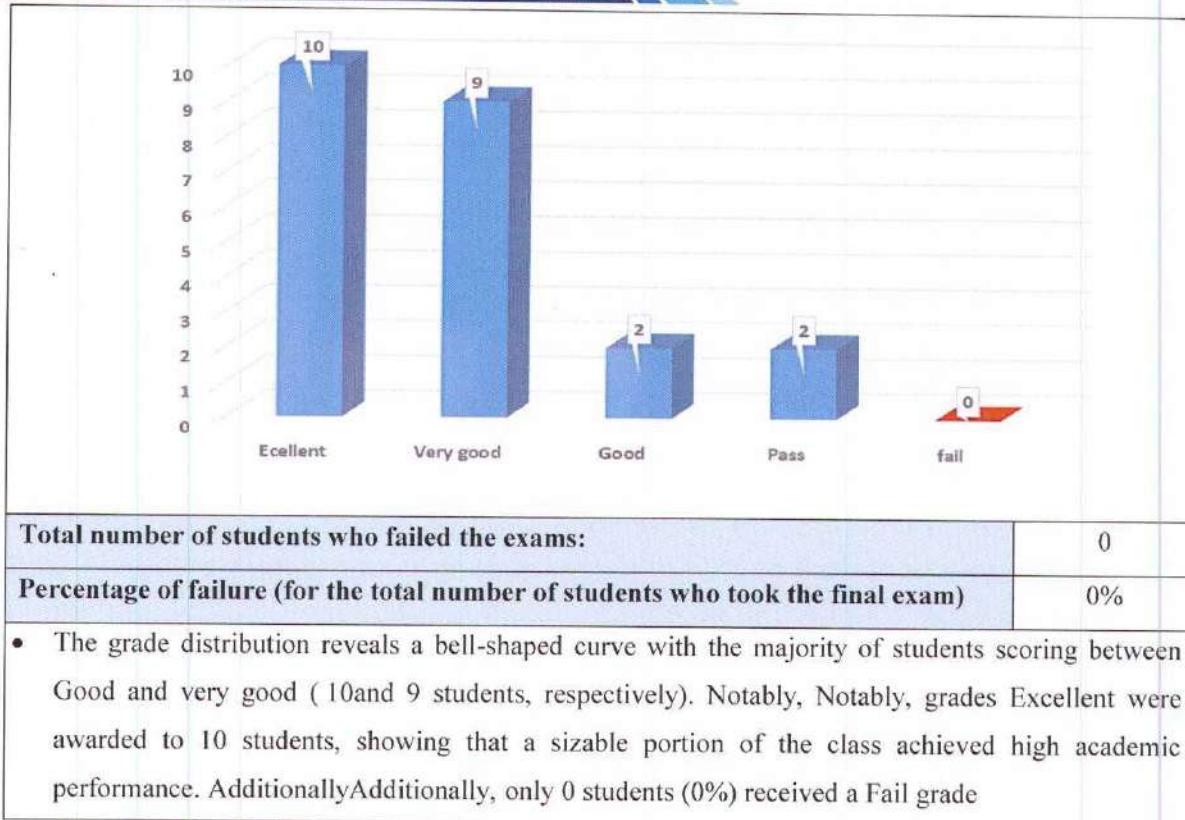
Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....,)	Total number Of training hours (practical/clinical/...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	75	-	42	-
<b>Notes (if any) on:</b>					
Topics not covered in this course are: Use of computer applications and programs in designing,					
There is no change in teaching methods, hours and contents.					

Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	13.5	Architectural drawing on panels	CLO1- CLO4- CLO4- CLO5- CLO6
Mid-Term Exam	Week 8	27	Architectural drawing on panels	CLO1- CLO2- CLO4- CLO5- CLO6
Final written Exam	16	90	Architectural drawing on panels	CLO1- CLO2- CLO4- CLO5- CLO6
Final practical Exam	-	-	-	-
Activities and assignments	Every week	49.5	Architectural drawing on panels	CLO1- CLO2
Oral Exam (if exists)	15	20	Architectural drawing on panels	CLO7



- The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.
- External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print
- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

Student Assessment Results					
Number of students (who started the course):					23
Number of students (who completed the course/ sat for the exam):					23
Number of students who did not attend the final written exam (absent-deprived-withdrawn):					0
Total number of students who passed the exams successfully:					23
Percentage of success (out of the total number of students who sat for the final exam)					100%
Grade Distribution					
Grade	Excellent	Very good	Good	Pass	Fail
Number of students	10	9	2	2	0
Percentage	%43.5	%39.1	8.7%	%8.7	%0



### 3. Student Feedback

Item	Comment
<b>Means of Evaluation:</b>	Questionnaire (online on Dulms)
<b>Timing of Evaluation:</b>	After Mid-Term to the final Exam
<b>Number of students who participated in the course evaluation</b>	21 / 21
<b>Percentage of participants to the total number</b>	100%
<b>Important points of satisfaction</b>	The faculty member adheres to the The objectives of the course were clearly explained in the first lecture.



#### Important points of dissatisfaction

The teaching assistant adheres to the announced office hours

#### 4. Instructors Reflection

- **The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- **The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

#### 5. Course Enhancement

##### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Extracting a mocket of the design project at the end of the semester	Work on making the model from the beginning of the semester, while developing the idea weekly.	According to the weekly lecture schedule	
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	Using a variety of teaching methods, such as discussions, case studies and, simulations to keep students engaged and active learners.	Providing city planning software such as GPS	Hold a workshop to learn how to use the program	

Ministry of Higher Education

Higher Institute of Engineering and Technology at Manzalla

Established by Ministerial Resolution No. (2354) of 2019

Architectural Engineering Program



Course coordinator:

Name	Signature	Academic Year
ASSOC.Prof.Kareem Mahrous		2024-2025

Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year

2024-2025

Semester

Second

**1. Basic Information:**

Course Title (according to the bylaw)	Executive design 2	
Course Code (according to the bylaw)	ARE 322	
Department/s that participated in the teaching:	Architectural Engineering Department	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
1	4	5
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	Third year	
Academic Program	Architectural Engineering Department	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Dr. Lamiaa Gamal	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
1		2	-
Instructor Name			
Dr. Lamiaa Gamal	Architectural Department	professor	Architecture
Eng. Howyda Ali Elnakeep	Architectural	Demonstrator	Architecture



	Department		
Eng. Sara Yasser	Architectural Department	Demonstrator	Architecture
Notes (if any):	N/A		

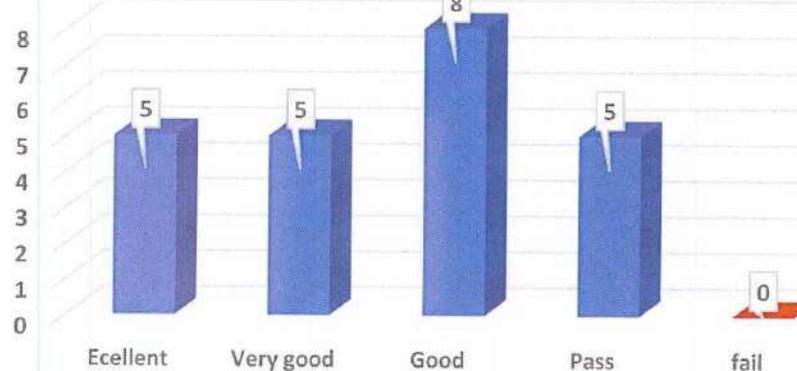
Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	60	--	28	
Notes (if any) on:					
<ul style="list-style-type: none"> <li>- Topics not covered in this course are Insulation details for different parts of buildings.</li> <li>- There is no change in teaching methods, hours and contents.</li> </ul>					

Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	11	Multiple Choice, Sketching	CLO1, CLO2, CLO3, CLO4, CLO5
Mid-Term Exam	Week 8	22.5	Detail Analysis, Hand Drafting / CAD, Comparison	CLO1, CLO2, CLO3, CLO4, CLO5
Final written Exam	16	60	Integrated Project, Detailed design of a structural/service component	CLO1, CLO2, CLO3, CLO4, CLO5
Final practical Exam	-	-	-	-
Activities and assignments	Every week	.415	Mini Projects, Workshop on drawing details manually or using software such as	CLO6, CLO7



			AutoCAD	
Oral Exam (if exists)	15	15	Visualization Project	CLO6, CLO7
<ul style="list-style-type: none"> <li>The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.</li> <li>External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blueprint</li> <li>Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.</li> <li>The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.</li> </ul>				

Student Assessment Results					
Number of students (who started the course):					23
Number of students (who completed the course/ sat for the exam):					23
Number of students who did not attend the final written exam (absent-deprived-withdrawn):					-
Total number of students who passed the exams successfully:					23
Percentage of success (out of the total number of students who sat for the final exam)					100%
Grade Distribution					
Grade	Excellent	Very good	Good	Pass	Fail
Number of students	5	5	8	5	0
Percentage	21.8%	21.8%	34.7%	21.8%	0



Total number of students who failed the exam	0
Percentage of failure (for the total number of students who took the final exam)	%0
<ul style="list-style-type: none"> <li>The grade distribution reveals a bell-shaped curve with the majority of students scoring between Good and very good (5 and 8 students, respectively). Notably, grades Excellent were awarded to 5 students, showing that a sizable portion of the class achieved high academic performance.</li> </ul>	

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	22 / 23
Percentage of participants to the total number	95.65%
Important points of satisfaction	<ul style="list-style-type: none"> <li>The faculty member treats students appropriately.</li> <li>The faculty member adheres to the scheduled lecture times as announced</li> <li>The teaching method helps in discussion and dialogue to reach concepts and facts collectively.</li> </ul>



**Important points of dissatisfaction**

- The faculty member is committed to the course content.
- The faculty member treats students appropriately.
- The exam questions cover the topics included in the course.

**4. Instructors Reflection \***

- **The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- **The scientific content** of the course was suitable for an advanced-level working drawings course. However, it can be enhanced by:
- **Using clearer and more structured wording** to define the scope of the course—from architectural details to interdisciplinary coordination.
- **Emphasizing the importance of integration** between architectural, structural, and MEP systems explicitly.
- Optionally, referencing the use of **CAD or BIM tools** as part of the workflow, though this can remain implicit at this stage.



## 5. Course Enhancement

One corrective action proposed in the previous academic year was to add a new topic related to the Introducing new topics such as define and solve the problems of the design & preparation of mechanical drawings of architecturally design projects.. However, this was not achieved due to time constraints and the prioritization of core syllabus content to ensure coverage before final assessments.

### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Introducing new topics such as defining and solving the problems of the design & preparation of mechanical drawings of architecturally design projects.	<ul style="list-style-type: none"> <li>- Refine focus by clearly linking mechanical drawings to problem-solving within the design process.</li> <li>- Add clarity and specificity: What kind of mechanical drawings- HVAC, plumbing, fire protection</li> </ul>	<ul style="list-style-type: none"> <li>- Update course content to include detailed modules on MEP (Mechanical, Electrical, Plumbing) integration in architectural design.</li> <li>- Use real-life case studies where mechanical systems coordination created design challenges or opportunities.</li> <li>- Incorporate software training (e.g., Revit MEP, AutoCAD MEP) for drawing preparation.</li> <li>- Assign practical exercises where students must resolve mechanical design conflicts (e.g., duct routing vs. ceiling height).</li> </ul>	
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	Using a variety of teaching methods, such	<ul style="list-style-type: none"> <li>-Emphasize learning outcomes like <i>critical</i></li> </ul>	<ul style="list-style-type: none"> <li>- Design varied class formats, mixing lectures with group-</li> </ul>	



	<p>as discussions, case studies and simulations to keep students engaged and active learners.</p>	<p><i>thinking and problem-solving, not just "engagement."</i></p> <p>-Clarify the instructional methods to include how they contribute to <i>active learning</i> strategies.</p>	<p>based discussions and peer review.</p> <p>- Provide training for instructors on interactive and student-centered teaching techniques.</p>	
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Course coordinator:

Name	Signature	Academic Year
Dr. Lamiaa Gamal		2024-2025

Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year 2024-2025

Semester

second

**1. Basic Information:**

Course Title (according to the bylaw)	Housing and urban design (1)
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Course Code (according to the bylaw)	ARE 323
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Department/s that participated in the teaching:	Architectural Engineering
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Number of credit hours/points of the course (according to the bylaw)
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Lecture	Tutorial / Laboratory	Total contact
2	2	4
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught		Third year
Academic Program		Architectural Engineering Program
Faculty/Institute		Higher Institute of Engineering and Technology at Manzalla
University/Academy		Manzalla Academy
Name of Course Coordinator		Dr. Alaa Morgan
Course Report Approval Date		16 August 2025
Course Report Approval		Institute Council No. (12) on 16 August 2025

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
-	1	2	..



Instructor Name	Department	Academic degree	Specialty
Dr. Alaa Morgan	Architectural Engineering	Assistant professor	Architectural Engineering and Urban Planning
Eng. Hend el-sayed Eng. Omar ashraf	Architectural Engineering	Demonstrator	Architectural Engineering
Notes (if any): N/A			

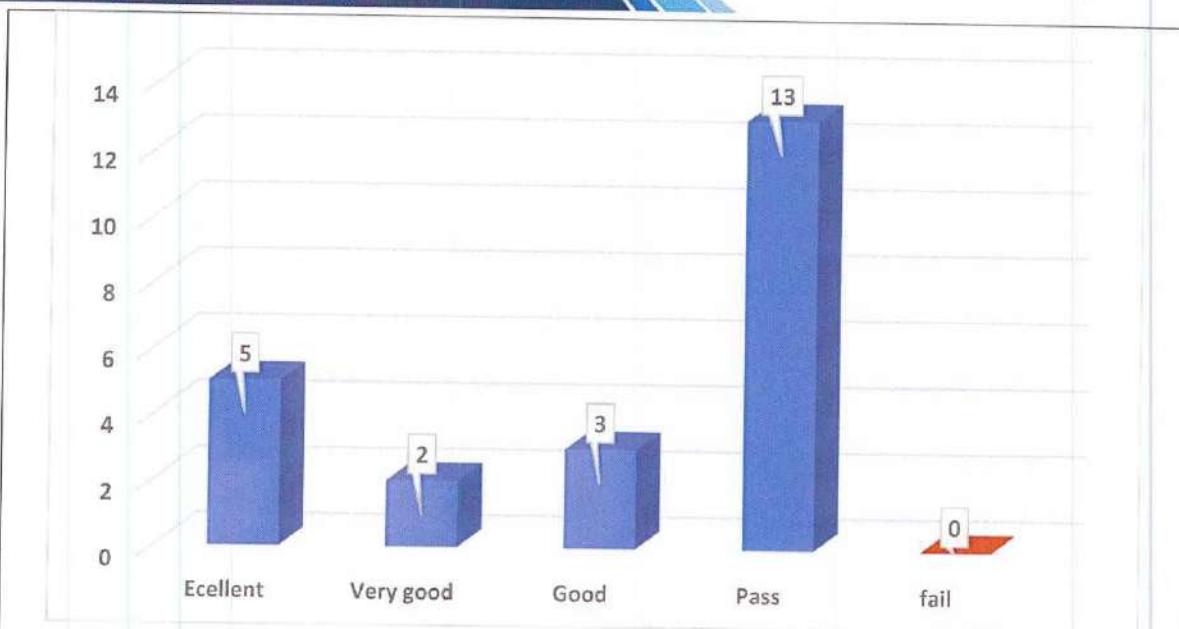
Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	30	--	28	
Notes (if any) on:					
Topics not covered in this course are: Review analysis of problems, constraints, and potentials of the project area.					
There is no change in teaching methods, hours and contents.					

Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	4.5	Rapid sketch for a design idea	CLO1, CLO2, CLO3, CLO4
Mid-Term Exam	Week 8	9	Minor hands-on exercise (sketches)	CLO1, CLO2, CLO3, CLO4
Final written Exam	16	70	Comprehensive Applied Project	CLO1, CLO2, CLO3, CLO4
Final practical Exam	-	..	-	-
Activities and assignments	Every week	16.5	Solve Problems(sketches),	CLO3, CLO4



			Reports and mind maps, prototype and simulation projects	
<ul style="list-style-type: none"> <li>The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.</li> <li>External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print</li> <li>Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.</li> <li>The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.</li> </ul>				

Student Assessment Results					
Number of students (who started the course):					23
Number of students (who completed the course/ sat for the exam):					23
Number of students who did not attend the final written exam (absent-deprived-withdrawn):					0
Total number of students who passed the exams successfully:					23
Percentage of success (out of the total number of students who sat for the final exam)					100%
Grade Distribution					
Grade	Excellent	Very good	Good	Pass	Fail
Number of students	5	2	3	13	0
Percentage	21.7%	8.7%	13%	56.5%	0%



Total number of students who failed the exams:	0
Percentage of failure (for the total number of students who took the final exam)	0%
The grade distribution follows a bell-shaped curve, with student numbers increasing progressively from the highest to the lowest performance categories. Specifically, 5 students achieved an <i>Excellent</i> grade, followed by 2 students in the <i>Very Good</i> category, 3 students in the <i>Good</i> category, and 13 students who received an <i>Acceptable</i> grade, (0%) received a <i>Fail</i> grade.	

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	20/23
Percentage of participants to the total number	86.9%
Important points of satisfaction	The faculty member is committed to the course content. The faculty member treats students appropriately..



<b>Important points of dissatisfaction</b>	- The educational tools used in teaching greatly assist me in following and understanding the course content.
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#### 4. Instructors Reflection \*

- **The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- **The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

#### 5. Course Enhancement

##### Course development plan for the next academic semester/year

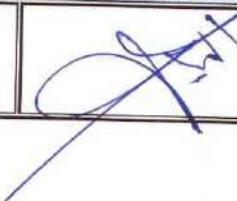
No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Divide the number of exercise hours over more than one day per week.	Create a new timetable with shorter, more frequent sessions. Coordinate with students to identify preferred time slots. Monitor attendance and performance to assess impact	Reschedule exercise sessions to be distributed over two or more days to reduce student overload and improve retention.	
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	



Course coordinator:

Name	Signature	Academic Year
Dr. Alaa Morgan		2024-2025

Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year

2024-2025

Semester

Second

**1. Basic Information:**

Course Title (according to the bylaw)	Technical installations for buildings	
Course Code (according to the bylaw)	ARE 324	
Department/s that participated in the teaching:	Architectural Engineering	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	2	4
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	Fourth Year	
Academic Program	Architectural Engineering Program	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Prof. Dr. Marwa Atef	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
	1	2	

Instructor Name	Department	Academic degree	Specialty
Dr. Marwa Atef	Architectural Engineering	Assistant professor	Architectural Engineering
Eng. Omar Elsaygh	Architectural	Demonstrator	Architectural Design



Engineering			
Eng.hend elsayed	Architectural Engineering	Demonstrator	Architectural Design
Notes (if any): N/A			

Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....,)	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	30	-	14	-
Notes (if any) on:					
Topics not covered in this course are: Discuss maintenance of walls, roofs, facades, floors. There is no change in teaching methods, hours and contents.					

Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	4.5	Multiple selection and drawing	
Mid-Term Exam	Week 8	9	Multiple selection and drawing	
Final written Exam	16	70	Multiple selection and drawing	
Final practical Exam	-	-	-	-
Activities and assignments	Every week	16.5	Turkish technical drawing (elevators - elevator.) Determine the required area and data	
Oral Exam (if exists)	-	-		

• The examination committees are selected through the Department Council based on specialization.

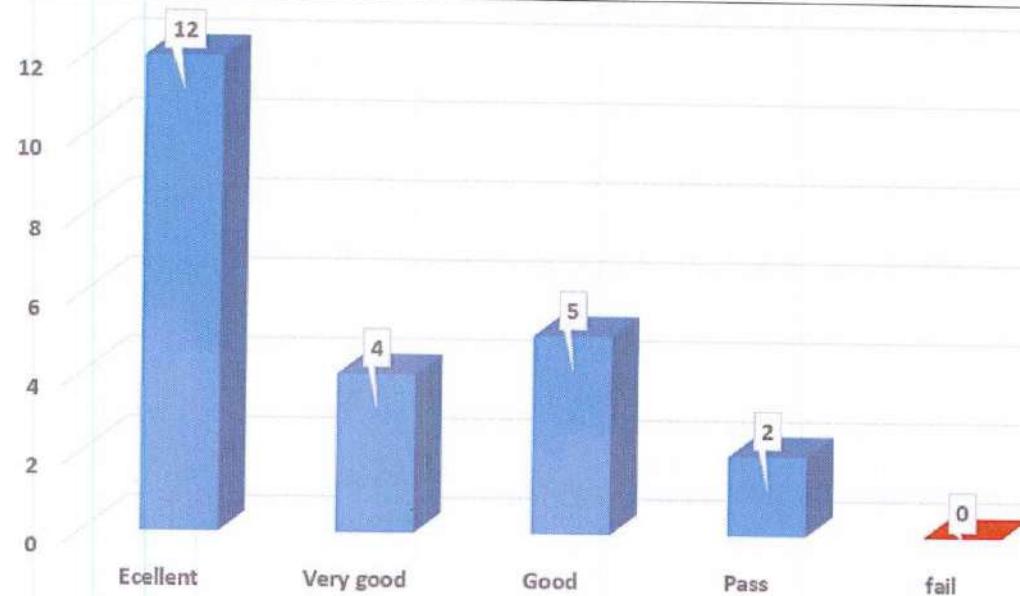


A second examiner is chosen within the same field as the first examiner.

- External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print
- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

#### Student Assessment Results

Number of students (who started the course):	23				
Number of students (who completed the course/ sat for the exam):	23				
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	0				
Total number of students who passed the exams successfully:	23				
Percentage of success (out of the total number of students who sat for the final exam)	100%				
<b>Grade Distribution *</b>					
Grade	Excellent	Very good	Good	Pass	Fail
Number of students	12	4	5	2	0
Percentage	%52.2	%17.4	%21.7	%8.7	%0



Total number of students who failed the exams:	0
Percentage of failure (for the total number of students who took the final exam)	0%
<ul style="list-style-type: none"><li>The grade distribution follows a bell-shaped curve, with student numbers increasing progressively from the highest to the lowest performance categories. Specifically, 12 students achieved an <i>Excellent</i> grade, followed by 4 students in the <i>Very Good</i> category, 5 students in the <i>Good</i> category, and 2 students who received an <i>Acceptable</i> grade, (0) received a <i>Fail</i> grade.</li></ul>	

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	22 / 23
Percentage of participants to the total number	95.65%



<b>Important points of satisfaction</b>	The objective of teaching the course was clearly stated in the first lecture.
<b>Important points of dissatisfaction</b>	The faculty member is available during office hours.

#### 4. Instructors Reflection \*

The educational process throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.

- **The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

#### 5. Course Enhancement

##### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
2	Using a variety of teaching methods, such as discussions, case studies and, simulations to keep students engaged and active learners.	Providing city planning software such as GPS	Hold a workshop to learn how to use the program	



Course coordinator:

Name	Signature	Academic Year
Prof. Dr. Marwa Atef		2024-2025

Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year

2024-2025

Semester

Second

**1. Basic Information:**

Course Title (according to the bylaw)	Sanitary Engineering	
Course Code (according to the bylaw)	CIVA 321	
Department/s that participated in the teaching:	Civil Engineering Department	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	2	4
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	Third Year	
Academic Program	Architectural Engineering Program	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Dr. Samira Mohammed	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
-	1	1	-

Instructor Name	Department	Academic degree	Specialty
Dr. Samira Mohammed	Civil Engineering	Lecture	Public Works
Eng. Aya Ashraf	Civil Engineering	Demonstrator	Irrigation and Hydraulics



Notes (if any): N/A

Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	30	--	28	

Notes (if any) on:

There is no change in teaching methods, hours and contents.

Student Assessment Methods that have been Implemented				
Method of assessment *	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	4.5	Multiple Choice, Theoretical questions and	CLO2, CLO4
Mid-Term Exam	Week 8	13.5	Multiple Choice, Theoretical questions and	CLO3, CLO4
Final written Exam	16	70	Multiple Choice, Theoretical questions and	CLO1, CLO2, CLO3 CLO4, CLO5
Final practical Exam	-	-	-	-
Activities and assignments	Every week	12	Reports and simulation projects	CLO2, CLO4
Oral Exam (if exists)	-	-	-	-

- The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.
- External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print
- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the



Graduation Project and Practical Training as addressed by these curricula.

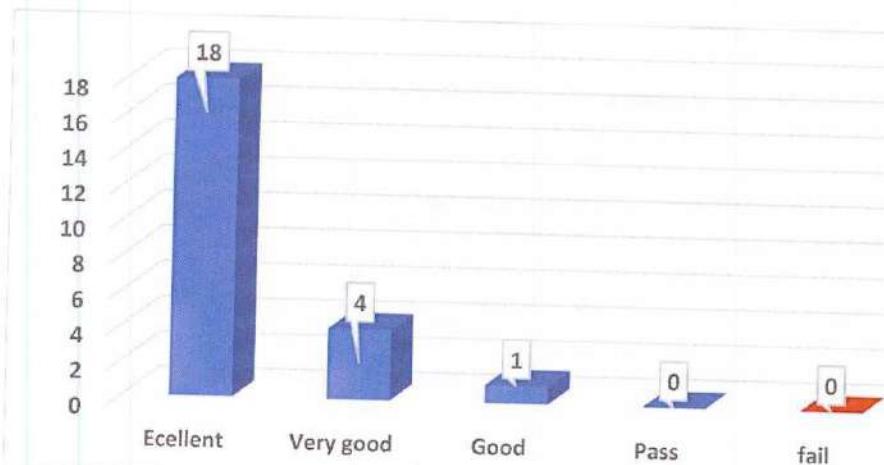
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

#### Student Assessment Results

Number of students (who started the course):	23
Number of students (who completed the course/ sat for the exam):	23
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	Zero
Total number of students who passed the exams successfully:	23
Percentage of success (out of the total number of students who sat for the final exam)	100%

#### Grade Distribution \*

Grade	Excellent	Very good	Good	Pass	Fail
Number of students	18	4	1	Zero	Zero
Percentage	78.3%	17.4%	4.3%	0.0%	0.0%



Total number of students who failed the exams:	0
Percentage of failure (for the total number of students who took the final exam)	0.0%



A total of 23 students attended the final exam. The results showed a very strong academic performance, with 18 students achieving an *Excellent* grade, 4 students obtaining *Very Good*, and 1 student receiving a *Good* grade. There were no students in the *Pass* or *Fail* categories. These results indicate a high level of comprehension and engagement with the course material, reflecting the effectiveness of the teaching methods and the students' commitment throughout the semester.

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	22/23
Percentage of participants to the total number	95.65%
Important points of satisfaction	<ul style="list-style-type: none"> <li>The teaching method encourages discussion and dialogue to collectively reach concepts and facts.</li> <li>The Faculty Member is committed to effectively delivering information to students.</li> <li>The scientific references available in the library support students' comprehension and enhance their academic performance.</li> <li>The Students allowed to review Their exam papers to learn from Their mistakes</li> </ul>
Important points of dissatisfaction	--

### 4. Instructors Reflection \*

- The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.



- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

## 5. Course Enhancement

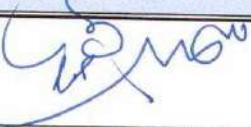
One corrective action proposed in the previous academic year was to Visit Factories of Sanitary Equipment . However, this was not achieved due to time constraints

### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Visiting Factories of Sanitary Equipment	Enhance students' practical understanding by organizing field visits to real factories	Coordinate with local sanitary equipment manufacturers	Postponed from previous year
2	Lack of practical understanding of water supply and drainage systems	Introduce more case studies and real-life design examples	Use real project drawings, simulations, and problem-solving sessions during lectures	
3	Limited knowledge of modern sanitary technologies	Include recent advancements and green technologies in the course content	Update lecture slides and invite guest speakers from the field to present new technologies	



Course coordinator:

Name	Signature	Academic Year
Dr. Samira Mohammed		2024-2025

Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year

2024-2025

Semester

Second

**1. Basic Information:**

Course Title (according to the bylaw)	Landscape design	
Course Code (according to the bylaw)	ARE 321 E	
Department/s that participated in the teaching:	Architectural Engineering Department	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	2	4
Course Type	<input type="checkbox"/> Compulsory	<input checked="" type="checkbox"/> Elective
Academic level at which the course is taught	Third year	
Academic Program	Architectural Engineering Program	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Dr. Marwa Eladham	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
-	1	2	-
Instructor Name	Department	Academic degree	Specialty
Dr. Marwa Eladham	Architecture	Professor	
Eng. Manar Bakry	Architecture	Demonstrator	



Eng. Menna nasser	Architecture	Demonstrator	
Notes (if any): N/A			

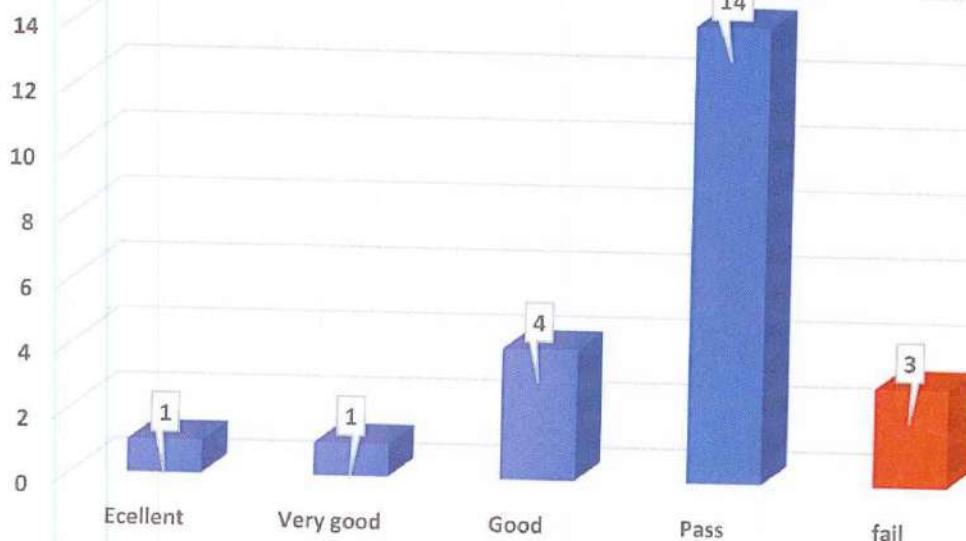
Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
14	28	28	-	14	-
Notes (if any) on:					
Topics not covered in this course are: Numerical analysis of functional relationships of the site study of design and shaping the space and the visual form.					
There is no change in teaching methods, hours and contents.					

Student Assessment Methods that have been Implemented					
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)	
Quizzes	Week 6, 11	4.5	Multiple Choice, Theoretical questions and Solve Problems, and Sketch	CLO1, CLO2, CLO3, CLO4, CLO5, CLO6, CLO8	
Mid-Term Exam	Week 8	13.5	Theoretical questions and Solve Problems, and Sketch	CLO1, CLO2, CLO3, CLO4, CLO5, CLO7, CLO8	
Final written Exam	16	70	Theoretical questions and Solve Problems, and Sketch	CLO1, CLO2, CLO3, CLO4, CLO5, CLO6, CLO7, CLO8	
Final practical Exam	-	-	-	-	
Activities and assignments	Every week	12	Theoretical questions and Solve Problems, and Sketch	CLO2, CLO4, CLO6	



Oral Exam (if exists)	-	-	-	-
<ul style="list-style-type: none"> <li>The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.</li> <li>External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blueprint</li> <li>Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.</li> <li>The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.</li> </ul>				

Student Assessment Results					
Number of students (who started the course):					23
Number of students (who completed the course/ sat for the exam):					23
Number of students who did not attend the final written exam (absent-deprived-withdrawn):					-
Total number of students who passed the exams successfully:					20
Percentage of success (out of the total number of students who sat for the final exam)					87%
Grade Distribution *					
Grade	Excellent	Very good	Good	Pass	Fail
Number of students	1	1	4	14	3
Percentage	4.3%	4.3%	17.4%	60.9%	13%



Total number of students who failed the exams:	3
Percentage of failure (for the total number of students who took the final exam)	13%

- The grade distribution reveals a skewed curve, with the clear majority of students (60.9%) achieving in the “Pass” category. A smaller proportion performed at the “Good” level (17.4%), while only 4.3% reached “Very Good” and another 4.3% attained “Excellent.” Meanwhile, 13% of students failed, indicating that although most students managed to pass the course, high-level academic achievement was limited.

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	22 / 23
Percentage of participants to the total number	95.6%



<b>Important points of satisfaction</b>	<i>The teaching method encourages discussion and dialogue to collectively reach concepts and facts.</i>
<b>Important points of dissatisfaction</b>	<i>The staff member adheres to the course content.</i>

#### 4. Instructors Reflection \*

- **The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- **The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

#### 5. Course Enhancement

##### Course development plan for the next academic semester/year

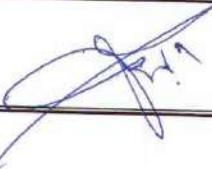
No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	coverage of numerical analysis of functional relationships in site study (design, spatial shaping, and visual form)	Introducing analytical methods for evaluating site functions and spatial organization	Incorporate practical workshops using diagrams, mapping techniques, and software tools to analyze site relationships	
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	Improve student understanding in weak areas such as structural systems	Provide supplementary learning materials and video tutorials	Upload topic-focused videos and handouts on LMS	Based on student performance

Course coordinator:



Name	Signature	Academic Year
Dr. Marwa Eladham		2024-2025

Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abou Ouf		2024-2025



Academic Year 2024-2025

Semester

First

**1. Basic Information:**

Course Title (according to the bylaw)	Executive designs (3)	
Course Code (according to the bylaw)	ARE 411	
Department/s that participated in the teaching:	Architectural Engineering Department	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
1	4	5
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	Fourth year	
Academic Program	Architectural Engineering Department	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Dr. Lamia Gamal	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
0	1	2	0
Instructor Name	Department	Academic degree	Specialty
Dr. Lamiaa Gamal	Architectural Engineering Department	professor	Architecture



Eng. Rahaf Ibrahim	Architectural Engineering Department	Teaching assistant	Architecture
Eng. Sara Yasser	Architectural Engineering Department	Teaching assistant	Architecture
Notes (if any):	N/A		

Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....,)	Total number Of training hours (practical/clinical/...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	15	60	-	35	
Notes (if any) on:					
There is no change in teaching methods, hours and contents.					

Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	11	Drawing	CLO2,CLO3,CLO4 ,CLO5
Mid-Term Exam	Week 8	22.5	Drawing	CLO1,CLO2,CLO3
Final written Exam	16	60	Drawing	CLO3,CLO4,CLO5 ,CLO6
Final practical Exam	-	-	-	-
Activities and assignments	Every week	41.5	Drawing	CLO1,CLO2
Oral Exam (if exists)	(As Schedule)	15	Drawing	CLO1,CLO3
<ul style="list-style-type: none"> <li>The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.</li> <li>External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print</li> </ul>				



- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

#### Student Assessment Results

Number of students (who started the course):	23
Number of students (who completed the course/ sat for the exam):	23
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	0
Total number of students who passed the exams successfully:	23
Percentage of success (out of the total number of students who sat for the final exam)	100%

#### Grade Distribution

Grade	Excellent	Very good	Good	Pass	Fail
Number of students	8	8	7	0	0
Percentage	34.8%	34.8%	30.4%	0.0%	0.0%





Total number of students who failed the exams:	0
Percentage of failure (for the total number of students who took the final exam)	0%
<ul style="list-style-type: none"> <li>Overall positive performance: The majority of students achieved "excellent," "very good," or "good" grades. The results indicate significant student success in terms of grade attainment, with a strong concentration in the higher performance categories.</li> </ul>	

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	23 / 23
Percentage of participants to the total number	100%
Important points of satisfaction	<ul style="list-style-type: none"> <li>The extent to which students accept and respond positively to the faculty member's personal attributes.</li> <li>Exhibits excellence in delivering and explaining information clearly to students.</li> <li>Demonstrates commitment to covering the prescribed course material.</li> </ul>
Important points of dissatisfaction	<ul style="list-style-type: none"> <li>The instructor frequently fails to attend lectures at the designated times as per the official schedule.</li> </ul>

### 4. Instructors Reflection \*

- The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.



## 5. Course Enhancement

One corrective action proposed in the previous academic year was to First time introducing the course

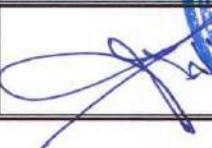
### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	First time introducing the course	In order to enhance students' competencies and understanding	Using a variety of teaching methods, such as discussions, case studies and simulations to keep students engaged and active learners.	
2	students' academic knowledge and practical skills	Increase the lecture for explain Working details of project	Demonstrates commitment to being available during scheduled office hours	

#### Course coordinator:

Name	Signature	Academic Year
Dr. Lamia Gamal		2024-2025

#### Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year

2024-2025

Semester

First

**1. Basic Information:**

Course Title (according to the bylaw)	Architectural designs (7)	
Course Code (according to the bylaw)	ARE 412	
Department/s that participated in the teaching:	Architectural Engineering	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
1	5	6
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	Fourth year	
Academic Program	Architectural Engineering Program	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Dr. Alaa Morgan	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
1		3	..



Instructor Name	Department	Academic degree	Specialty
Dr. Alaa Morgan	Architectural Engineering	Assistant professor	Architectural Engineering and Urban Planning
Eng. Menna naser Eng. Manar bkry Eng. Mohamed assasa	Architectural Engineering	Demonstrator	Architectural Design
Notes (if any): N/A			

Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
14	14	70	--	35	
Notes (if any) on:					
Topics not covered in this course are: Use of computer programs for preparing There is no change in teaching methods, hours and contents.					

Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	14	Rapid sketch for a design idea	CLO2, CLO3, CLO4, CLO5
Mid-Term Exam	Week 8	27	Minor hands-on exercise (sketches)	CLO1, CLO2, CLO3,
Final written Exam	16	70	Comprehensive Applied Project	CLO3, CLO4, CLO5,
Final practical Exam	....	....	....	....
Activities and assignments	Every week	49	Solve Problems(sketches), Reports and mind maps, prototype and simulation projects	CLO2,CLO3, CLO6, CLO5, CLO7,
Oral Exam (if exists)	15	15	-	CLO2, CLO6

• The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.  
 • External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print  
 • Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.



- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

Student Assessment Results																	
<b>Number of students (who started the course):</b>					23												
<b>Number of students (who completed the course/ sat for the exam):</b>					23												
<b>Number of students who did not attend the final written exam (absent-deprived-withdrawn):</b>					0												
<b>Total number of students who passed the exams successfully:</b>					23												
<b>Percentage of success (out of the total number of students who sat for the final exam)</b>					100%												
Grade Distribution																	
Grade	Excellent	Very good	Good	Pass	Fail												
<b>Number of students</b>	1	3	10	9	0												
<b>Percentage</b>	4.3%	13.4%	43.4%	39.1%	0%												
<table border="1"> <thead> <tr> <th>Grade</th> <th>Number of students</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td>1</td> </tr> <tr> <td>Very good</td> <td>3</td> </tr> <tr> <td>Good</td> <td>10</td> </tr> <tr> <td>Pass</td> <td>9</td> </tr> <tr> <td>fail</td> <td>0</td> </tr> </tbody> </table>						Grade	Number of students	Excellent	1	Very good	3	Good	10	Pass	9	fail	0
Grade	Number of students																
Excellent	1																
Very good	3																
Good	10																
Pass	9																
fail	0																
<b>Total number of students who failed the exams:</b>					0												
<b>Percentage of failure (for the total number of students who took the final exam)</b>					0%												
<p>The grade distribution follows a bell-shaped curve, with student numbers increasing progressively from the highest to the lowest performance categories. Specifically 1 students achieved an <i>Excellent</i> grade, followed by 3 students in the <i>Very Good</i> category, 10 students in the <i>Good</i> category, and 9 students who received an <i>Acceptable</i> grade, (0%) received a <i>Fail</i> grade.</p>																	



### 3. Student Feedback

Item	Comment
<b>Means of Evaluation:</b>	Questionnaire (online on Dulms)
<b>Timing of Evaluation:</b>	After Mid-Term to the final Exam
<b>Number of students who participated in the course evaluation</b>	23/23
<b>Percentage of participants to the total number</b>	100%
<b>Important points of satisfaction</b>	The faculty member adheres to the The objectives of the course were clearly explained in the first lecture.
<b>Important points of dissatisfaction</b>	The teaching assistant evaluates students fairly and transparently. The teaching assistant adheres to the announced office hours

### 4. Instructors Reflection \*

- **The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- **The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

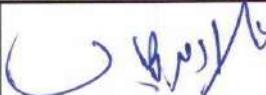
### 5. Course Enhancement

#### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Increase application architectural	Through workshops that promote the discussion of different ideas	Exploiting student activity periods to implement the proposal	
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	Improving students' understanding of architectural fields	Field visits and specialized research	Focus on visits to complex buildings that include several activities.	
4	Working in partnership	Group projects	Introducing high-level projects requires collaboration.	



Course coordinator:

Name	Signature	Academic Year
Dr. Alaa Morgan		2024-2025

Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year

2024-2025

Semester

First

**1. Basic Information:**

Course Title (according to the bylaw)	History & Theories of Architecture (4)		
Course Code (according to the bylaw)	ARE 413		
Department/s that participated in the teaching:	Architectural Engineering Department		
Number of credit hours/points of the course (according to the bylaw)			
Lecture	Tutorial / Laboratory	Total contact	
3	-	3	
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective	
Academic level at which the course is taught	fourth year		
Academic Program	Architectural Engineering Department		
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla		
University/Academy	Manzalla Academy		
Name of Course Coordinator	Dr. Marwa El-Adham		
Course Report Approval Date	16 August 2025		
Course Report Approval	Institute Council No. (12) on 16 August 2025		

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
1	-	-	-

Instructor Name	Department	Academic degree	Specialty
Dr. Marwa Aladham	Architectural Department	Assistant professor	Architecture and Environmental Design
Notes (if any): N/A			



Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....)	Total number Of training hours (practical/clinical/...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	45	-	--	13	

**Notes (if any) on:**

- Topics not covered in this course are Studying architectural theories and design determinants for elements of private and public use.
- There is no change in teaching methods, hours and contents.

Student Assessment Methods that have been Implemented				
Method of assessment *	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	2	Mini project	CLO2, CLO3, CLO4, CLO5
Mid-Term Exam	Week 8	7	Multiple Choice, Mini project	CLO1, CLO2, CLO3
Final written Exam	16	60	Multiple Choice, Theoretical questions and 3D Rendering	CLO1, CLO3, CLO4, CLO5, CLO6
Final practical Exam	-	-	-	-
Activities and assignments	Every week	6	Room Data Sheets + Area Schedules, Architectural Visualization, and Mini project	CLO6
Oral Exam (if exists)	-	-	-	-

- The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.



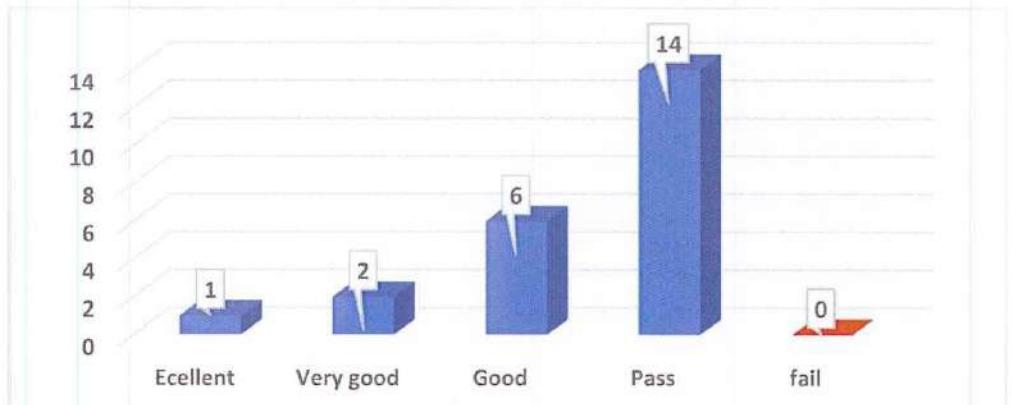
- External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blueprint
- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

#### Student Assessment Results

Number of students (who started the course):	23
Number of students (who completed the course/ sat for the exam):	23
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	-
Total number of students who passed the exams successfully:	23
Percentage of success (out of the total number of students who sat for the final exam)	100%

#### Grade Distribution

Grade	Excellent	Very good	Good	Pass	Fail
Number of students	1	2	6	14	0
Percentage	4.34%	8.7%	26%	60.86%	0



Total number of students who failed the exams:	0
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Percentage of failure (for the total number of students who took the final exam)	%0
<ul style="list-style-type: none"> <li>The curve reveals the distribution of grades with the majority of students scoring between good and very good (2 and 6 students respectively). It is worth noting that excellent grades were awarded to 1 student, which indicates that a large part of the class achieved high academic performance.</li> </ul>	

### 3. Student Feedback

Item	Comment
<b>Means of Evaluation:</b>	Questionnaire (online on Dulms)
<b>Timing of Evaluation:</b>	After Mid-Term to the final Exam
<b>Number of students who participated in the course evaluation</b>	23/ 23
<b>Percentage of participants to the total number</b>	100 %
<b>Important points of satisfaction</b>	<ul style="list-style-type: none"> <li>The objectives of the course were clearly explained in the first lecture.</li> <li>The teaching assistant has a good understanding of the course content.</li> <li>The educational resources (e.g., lab equipment, lecture halls) are sufficient to develop professional and practical skills.</li> </ul>
<b>Important points of dissatisfaction</b>	<ul style="list-style-type: none"> <li>The faculty member adheres to the scheduled lecture times as announced.</li> <li>The teaching method helps in discussion and dialogue to reach concepts and facts collectively.</li> <li>The objectives of the course were clearly explained in the first lecture.</li> </ul>



#### 4. Instructors Reflection \*

- **The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- **The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

#### 5. Course Enhancement

##### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Increasing workshops for presenting and producing sketches for architectural buildings	<input type="checkbox"/> Address the insufficient development of freehand sketching and visual analysis skills among students. <input type="checkbox"/> Enhance student engagement in practical activities related to architectural history and theory. <input type="checkbox"/> Improve the alignment between workshop outcomes and the course's intended learning outcomes (LOs). <input type="checkbox"/> Enrich workshop content with a broader range of architectural periods and movements.	<ul style="list-style-type: none"> <li>• Organize periodic hands-on workshops</li> <li>• Invite external experts and guest lecturers</li> <li>• Integrate workshop participation and outcomes into course assessment</li> <li>• Encourage collaborative learning through group critique sessions</li> </ul>	
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	



3	<p>Increase the lecture for explain the study of environmental, economic, and social compatibility of design in the local communities of the Arab world</p>	<input type="checkbox"/> Enhance students' understanding of regional sustainability and context-specific challenges. <input type="checkbox"/> Strengthen the integration between theoretical knowledge and real-world applications in Arab urban contexts. <input type="checkbox"/>	<ul style="list-style-type: none"> <li>- Increase the number of dedicated lectures or sessions</li> <li>- Introduce region-specific case studies and comparative analysis</li> <li>- Invite experts in regional planning and sustainable architecture</li> </ul>	
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**Course coordinator:**

Name	Signature	Academic Year
Dr. Marwa El-Adham		2024-2025

**Name and Signature Head of the Department Council:**

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year 2024-2025

Semester

First

**1. Basic Information:**

Course Title (according to the bylaw)	Interior design	
Course Code (according to the bylaw)	ARE 414	
Department/s that participated in the teaching:	Architectural Engineering	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	2	4
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	Fourth year	
Academic Program	Architectural Engineering Program	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Ass.Prof.Dr. Marwa Atef	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
-	1	3	..



Instructor Name	Department	Academic degree	Specialty
Ass.Prof.Dr. Marwa Atef	Architectural Engineering	Assistant professor	Architectural Engineering
Eng. Dina Rizk Eng.Menna naser Eng. Hend el-sayed	Architectural Engineering	Demonstrator	Architectural Engineering

Notes (if any): N/A

Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....,)	Total number Of training hours (practical/clinical/...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	30	--	28	

**Notes (if any) on:**

Topics not covered in this course are: Use of computer programs in calculating and preparing the quantitative preconditions.

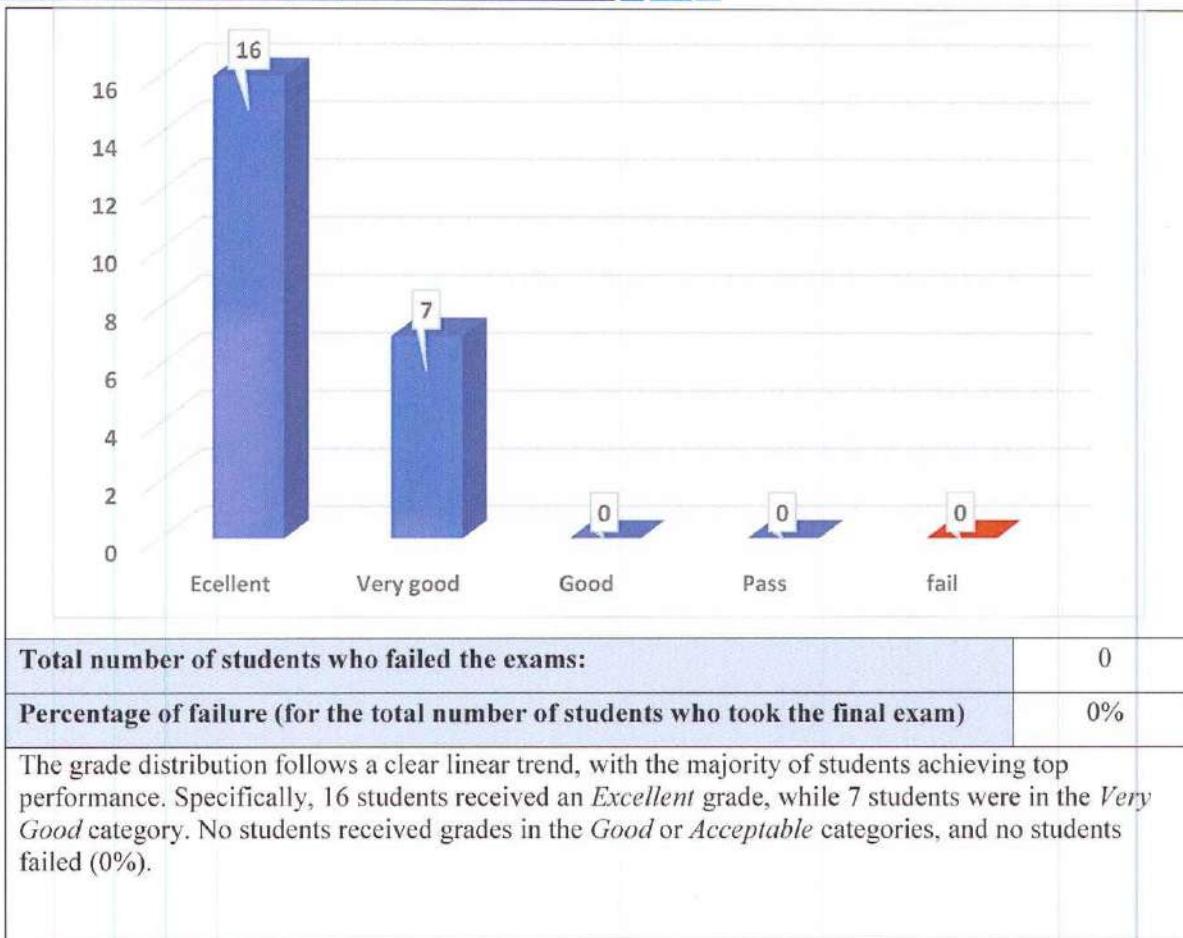
There is no change in teaching methods, hours and contents.

Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	4.5	Basic definitions and simple sketches	CLO2, CLO3, CLO4, CLO5
Mid-Term Exam	Week 8	9	definitions and Minor hands-on exercise (sketches)	CLO1, CLO2, CLO3
Final written Exam	16	60	definitions and Comprehensive Applied Project	CLO3, CLO4, CLO5, CLO6, CLO7, CLO8
Final practical Exam	-	-	-	-



Activities and assignments	Every week	16.5	Solve Design discussion prototype and simulation projects	CLO1, CLO2, CLO6
Oral Exam (if exists)	14	10	Design discussion	CLO1, CLO5, CLO6, CLO7
<ul style="list-style-type: none"> <li>The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.</li> <li>External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print</li> <li>Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.</li> <li>The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.</li> </ul>				

Student Assessment Results					
Number of students (who started the course):					23
Number of students (who completed the course/ sat for the exam):					23
Number of students who did not attend the final written exam (absent-deprived-withdrawn):					0
Total number of students who passed the exams successfully:					23
Percentage of success (out of the total number of students who sat for the final exam)					100%
Grade Distribution					
Grade	Excellent	Very good	Good	Pass	Fail
Number of students	16	7	0	0	0
Percentage	69.6%	30.4%	0%	0%	0%



### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	23/23
Percentage of participants to the total number	100%



<b>Important points of satisfaction</b>	The faculty member adheres to the The objectives of the course were clearly explained in the first lecture.
<b>Important points of dissatisfaction</b>	The teaching assistant evaluates students fairly and transparently. The teaching assistant attends on time according to the schedule

#### 4. Instructors Reflection \*

- **The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- **The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

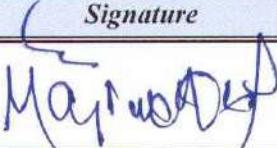
#### 5. Course Enhancement

##### Course development plan for the next academic semester/year

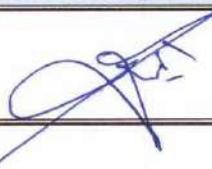
No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Using technology to support learning such as 3d modeling software VR simulations or online design platforms	Comprehensive Design Units: Less than using VR as a diverse activity, aim for a complete unit that demands building a 3D model of a living cell, then exploring it in a virtual reality environment.	Have students build an accurate 3D model of the cell and its organelles using easy software (such as Tinkercad).	
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	



Course coordinator:

Name	Signature	Academic Year
Ass.Prof.Dr. Marwa Atef		2024-2025

Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year 2024-2025

Semester

first

**1. Basic Information:**

Course Title (according to the bylaw)	Urban Planning (2)		
Course Code (according to the bylaw)	ARE 415		
Department/s that participated in the teaching:	Architectural Engineering		
Number of credit hours/points of the course (according to the bylaw)			
Lecture	Tutorial / Laboratory		Total contact
2	3		5
Course Type	<input checked="" type="checkbox"/> Compulsory <input type="checkbox"/> Elective		
Academic level at which the course is taught	Fourth year		
Academic Program	Architectural Engineering Program		
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla		
University/Academy	Manzalla Academy		
Name of Course Coordinator	Dr. Alaa Morgan		
Course Report Approval Date	16 August 2025		
Course Report Approval	Institute Council No. (12) on 16 August 2025		

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
1		2	..



Instructor Name	Department	Academic degree	Specialty
Dr. Alaa Morgan	Architectural Engineering	Assistant professor	Urban Planning
Eng. Mriam ezz Eng.hend elsayed	Architectural Engineering	Demonstrator	Architectural Design
Notes (if any): N/A			

Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/.....)	Total number Of training hours (practical/clinical/....)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	45	--	28	
<b>Notes (if any) on:</b> Topics not covered in this course are: Applicable project in one of the old or new cities. There is no change in teaching methods, hours and contents.					

Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	6	detailed study of the city's transportation network	CLO1, CLO2, CLO4, CLO6
Mid-Term Exam	Week 8	12	Applicable project in one of the old or new cities.	CLO1, CLO2, CLO3, CLO4,
Final written Exam	16	100	Use computer applications in case studies and applications for the project	CLO1, CLO2, CLO3, CLO4, CLO5, CLO6, CLO7
Final practical Exam	.....	.....	.....	.....
Activities and assignments	Every week	22	Design of new cities and calculations of each city and its services, roads and streets on a large scale, and surveys and proportions for each part of the city and its neighborhoods.	CLO1, CLO2, Clo3,Clo4,Clo5,Clo6 Clo7
Oral Exam (if exists)	14	10	.....	CLO1, CLO5, CLO6,
<ul style="list-style-type: none"> <li>The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.</li> <li>External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print</li> </ul>				



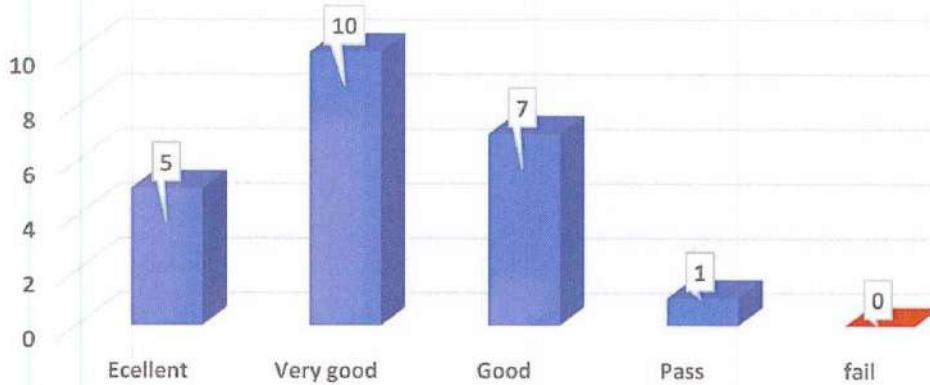
- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

#### Student Assessment Results

Number of students (who started the course):	23
Number of students (who completed the course/ sat for the exam):	23
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	0
Total number of students who passed the exams successfully:	23
Percentage of success (out of the total number of students who sat for the final exam)	100%

#### Grade Distribution \*

Grade	Excellent	Very good	Good	Pass	Fail
Number of students	5	10	7	1	0
Percentage	21.7%	43.5%	30.4%	4.3%	0%



Total number of students who failed the exams:	0
Percentage of failure (for the total number of students who took the final exam)	0%

The grade distribution follows a bell-shaped curve, with student numbers increasing progressively from the highest to the lowest performance categories. Specifically, 5 students achieved an *Excellent* grade, followed by 10 students in the *Very Good* category, 7 students in the *Good* category, and 1 student who received an *Acceptable* grade, (0) received a *Fail* grade.



### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	23/23
Percentage of participants to the total number	100%
Important points of satisfaction	The faculty member adheres to the The objectives of the course were clearly explained in the first lecture.
Important points of dissatisfaction	The teaching assistant evaluates students fairly and transparently. The teaching assistant adheres to the announced office hours

### 4. Instructors Reflection \*

- The educational process throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- The scientific content of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- Resources, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

### 5. Course Enhancement

#### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Introducing new topics such as define and solve the problems of the urban design.	Field visits and tours of the surrounding areas of cities	Conduct trips to ancient cities to identify problems and solve the problem of slums.	
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	

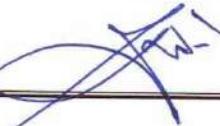


3	Using a variety of teaching methods, such as discussions, case studies and, simulations to keep students engaged and active learners.	Providing city planning software such as GPS	Hold a workshop to learn how to use the program	
4	Increase community participation	To learn about the city scale and its operating problems	Free participation to learn about urban planning problems	

**Course coordinator:**

Name	Signature	Academic Year
Dr. Alaa Morgan		2024-2025

**Name and Signature Head of the Department Council:**

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025

Academic Year

2024-2025

Semester

First



### 1. Basic Information:

Course Title (according to the bylaw)	Architectural Criticism and Competition		
Course Code (according to the bylaw)	ARE 411E		
Department/s that participated in the teaching:	Architecture Engineering Department		
Number of credit hours/points of the course (according to the bylaw)			
Lecture	Tutorial / Laboratory	Total contact	
4	-	4	
Course Type	<input type="checkbox"/> Compulsory	<input checked="" type="checkbox"/> Elective	
Academic level at which the course is taught	Forth Year		
Academic Program	Architectural Engineering Program		
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla		
University/Academy	Manzalla Academy		
Name of Course Coordinator	Prof. Dr. Tarek Abu Auf		
Course Report Approval Date	16 August 2025		
Course Report Approval	Institute Council No. (12) on 16 August 2025		

### 2. Data and Statistics

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
1	-	-	-
Instructor Name			
Prof. Dr. Tarek Abu Auf	Architectural Engineering	professor	Architectural Design
Notes (if any): N/A			



Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	60	--	--	30	
<b>Notes (if any) on:</b>					
Topics not covered in this course are: evaluating urban spaces. There is no change in teaching methods, hours and contents.					

Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	4.5	Solve Problems.	CLO2,CLO3, CLO4, CLO5
Mid-Term Exam	Week 8	13.5	Drawing and solve Problems	CLO1, CLO2, CLO3
Final written Exam	16	70	Drawing and solve Problems	CLO3,CLO4, CLO5, CLO6
Final practical Exam	-	-	-	-
Activities and assignments	Every week	12	Drawing, Solve Problems, Reports and mind maps, and simulation projects	CLO1, CLO2, CLO3 , CLO4, CLO5, CLO6
Oral Exam (if exists)	-	-	-	-
<ul style="list-style-type: none"> <li>The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.</li> <li>External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print</li> </ul>				



- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

Student Assessment Results																	
<b>Number of students (who started the course):</b>					23												
<b>Number of students (who completed the course/ sat for the exam):</b>					23												
<b>Number of students who did not attend the final written exam (absent-deprived-withdrawn):</b>					-												
<b>Total number of students who passed the exams successfully:</b>					23												
<b>Percentage of success (out of the total number of students who sat for the final exam)</b>					100%												
Grade Distribution *																	
Grade	Excellent	Very good	Good	Pass	Fail												
<b>Number of students</b>	22	1	0	0	0												
<b>Percentage</b>	95.7%	4.3%	0%	0%	0%												
Architectural Criticism and Competition																	
<table border="1"> <thead> <tr> <th>Grade</th><th>Count</th></tr> </thead> <tbody> <tr> <td>Excellent</td><td>22</td></tr> <tr> <td>Very good</td><td>1</td></tr> <tr> <td>Good</td><td>0</td></tr> <tr> <td>Pass</td><td>0</td></tr> <tr> <td>fail</td><td>0</td></tr> </tbody> </table>						Grade	Count	Excellent	22	Very good	1	Good	0	Pass	0	fail	0
Grade	Count																
Excellent	22																
Very good	1																
Good	0																
Pass	0																
fail	0																
<b>Total number of students who failed the exams:</b>					0												
<b>Percentage of failure (for the total number of students who took the final exam)</b>					0%												



- The grade distribution indicates a positively skewed curve, with the majority of students achieving high grades. A notable 16 students (69.6%) earned an Excellent grade, reflecting strong academic performance across the class. Very Good and Good grades were awarded to 2 (8.7%) and 4 students (17.4%) respectively, indicating a smaller portion of students falling in the mid-performance range. Only one student (4.3%) received a Pass grade, and no students failed the course, suggesting overall successful learning outcomes.

### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	23 / 23
Percentage of participants to the total number	100%
Important points of satisfaction	<ul style="list-style-type: none"><li>The objectives of the course were clearly explained in the first lecture.</li><li>The educational tools used in teaching greatly assist me in following and understanding the course content.</li></ul>
Important points of dissatisfaction	Not Exist

### 4. Instructors Reflection \*

- The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

### 5. Course Enhancement



One corrective action proposed in the previous academic year was to architectural maquette workshop. However, this was not achieved due to time constraints and the prioritization of core syllabus content to ensure coverage before final assessments.

#### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Addition of a module on critical evaluation of urban spaces	Include focused lectures and case studies on urban spaces	Update course syllabus and schedule accordingly	Postponed from previous year
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	Improve student skills in architectural critique techniques	Provide supplementary learning materials and video tutorials	Upload topic-focused videos and handouts on LMS	Based on student performance

#### Course coordinator:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025

#### Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year

2024-2025

Semester

Second

**1. Basic Information:**

Course Title (according to the bylaw)	Housing and urban design (2)	
Course Code (according to the bylaw)	ARE 421	
Department/s that participated in the teaching:	Architecture Engineering Department	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	4	6
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	Fourth year	
Academic Program	Architectural Engineering program	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Dr .Alaa Morgan	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
	1	2	
Instructor Name	Department	Academic degree	Specialty
Dr .Alaa Morgan	Architecture Engineering	Assistant professor	Urban design, urban planning and planning studies



Eng.mariam ezz	Architecture Engineering	Demonstrator	Architecture
Eng. Kholoud Ahmed	Architecture Engineering	Demonstrator	Architecture
<b>Notes (if any):</b> N/A			

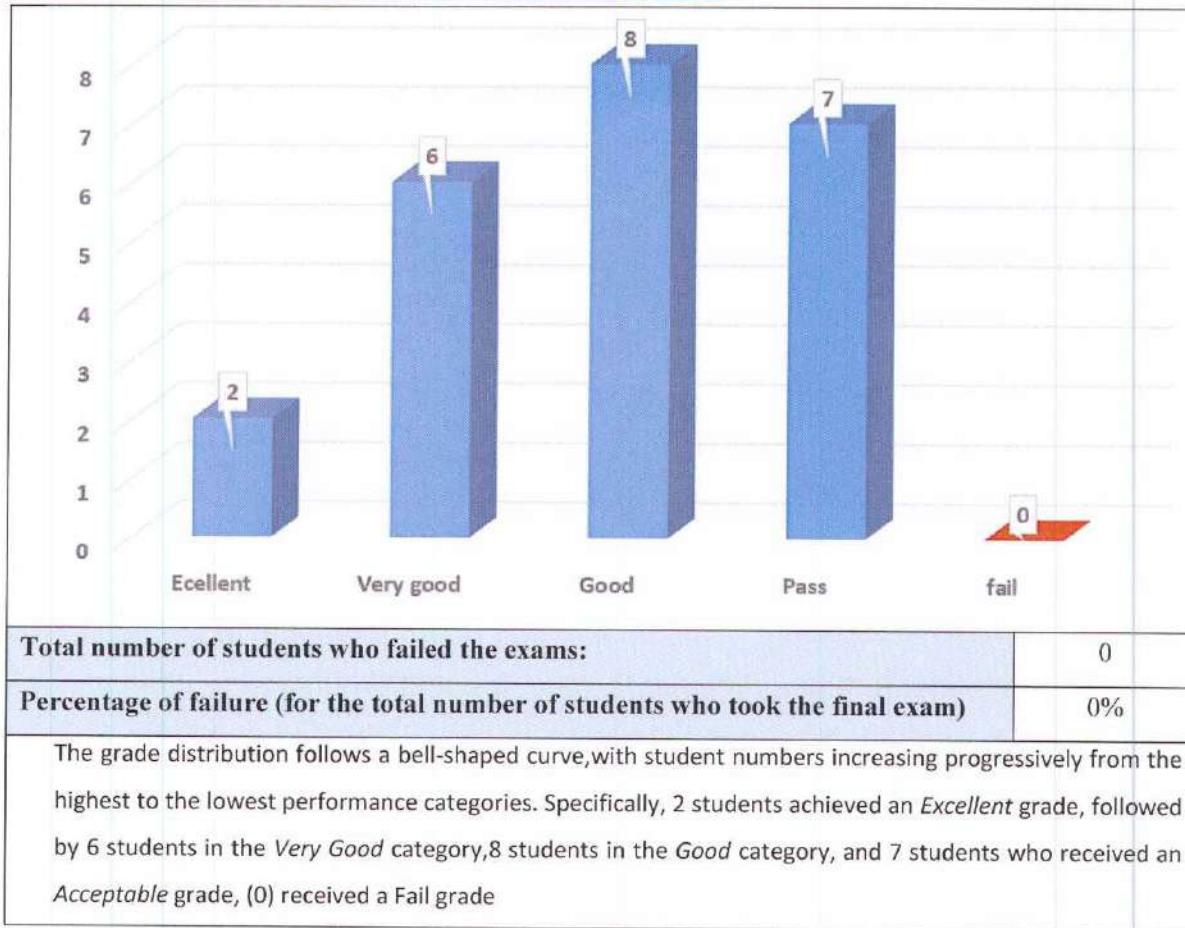
Teaching and Learning						
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)	
15	30	60	-	30	-	
<b>Notes (if any) on:</b>						
Topics not covered in this course are: Problems of the problem area in the residential neighborhood There is no change in teaching methods, hours and contents.						

Student Assessment Methods that have been Implemented					
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)	
Quizzes	Week 6, 11	9	Essay and Multiple Choice Questions	CLO1- CLO2- CLO4- CLO5- CLO6	
Mid-Term Exam	Week 8	18	Multiple Choice, Theoretical questions and solve problems	CLO1- CLO2- CLO3	
Final written Exam	16	90	Multiple Choice, Theoretical questions and solve problems	CLO1- CLO2- CLO3- CLO4- CLO5	
Final practical Exam	-	-	-	-	
Activities and assignments	Every week	33	Design of new cities and calculations of each city and its services, roads and streets on a large scale, and surveys and proportions for each part	CLO1- CLO2- CLO3- CLO4- CLO5	



			of the city and its neighborhoods.	
Oral Exam (if exists)	-	-		
<ul style="list-style-type: none"> <li>The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.</li> <li>External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print</li> <li>Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.</li> <li>The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.</li> </ul>				

Student Assessment Results					
Number of students (who started the course):					23
Number of students (who completed the course/ sat for the exam):					23
Number of students who did not attend the final written exam (absent-deprived-withdrawn):					0
Total number of students who passed the exams successfully:					23
Percentage of success (out of the total number of students who sat for the final exam)					100%
Grade Distribution					
Grade	Excellent	Very good	Good	Pass	Fail
Number of students	2	6	8	7	0
Percentage	%8.7	%26.1	%34.8	%30.4	%0



### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	21 / 23
Percentage of participants to the total number	91.3%



<b>Important points of satisfaction</b>	The extent to which the student accepts the personal characteristics of the faculty member.
<b>Important points of dissatisfaction</b>	The faculty member is available during office hours.

#### 4. Instructors Reflection \*

- **The educational process** throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.
- **The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

#### 5. Course Enhancement

##### Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Introducing new topics such as define and solve the problems of the urban design.	Field visits and tours of the surrounding areas of cities	Conduct trips to ancient cities to identify problems and solve the problem of slums.	
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	
3	Using a variety of teaching methods, such as discussions, case studies and, simulations to keep students engaged and active learners.	Providing city planning software such as GPS	Hold a workshop to learn how to use the program	
4	Increase community participation	To learn about the city scale and its operating problems	Free participation to learn about urban planning problems	

Ministry of Higher Education

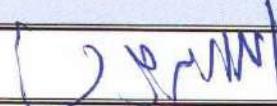
Higher Institute of Engineering and Technology at Manzalla

Established by Ministerial Resolution No. (2354) of 2019

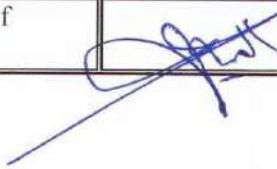
Architectural Engineering Program



Course coordinator:

Name	Signature	Academic Year
Dr. Alaa Morgan		2024-2025

Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year

2024-2025

Semester

Second

**1. Basic Information:**

Course Title (according to the bylaw)	Specifications, quantities, and quality control	
Course Code (according to the bylaw)	ARE 422	
Department/s that participated in the teaching:	Architecture Engineering Department	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	2	4
Course Type	<input checked="" type="checkbox"/> Compulsory	<input type="checkbox"/> Elective
Academic level at which the course is taught	Fourth year	
Academic Program	All Program	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Dr.Khaled Eltawel	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
1		1	

Instructor Name	Department	Academic degree	Specialty
Dr.Khaled Eltawel	Civil Engineering	Assistant professor	Civil Engineering
Eng.Mohamed sallam	Architecture Engineering	Demonstrator	Architectrue



Notes (if any): N/A

Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....)	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	30	-	28	

Notes (if any) on:

Topics not covered in this course are: project management (planning-scheduling-cash flow)

There is no change in teaching methods, hours and contents.

Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	4.5	Multiple Choice	CLO1- CLO2- CLO4- CLO5- CLO6
Mid-Term Exam	Week 8	9	Multiple Choice, Theoretical questions and solve problems	CLO1- CLO2- CLO3-
Final written Exam	16	70	Multiple Choice, Theoretical questions and solve problems	CLO1- CLO2- CLO3- CLO4- CLO5
Final practical Exam	-	-	-	-
Activities and assignments	Every week	16.5	Solve Problems, Reports and mind maps, prototype and simulation projects	CLO1- CLO2- CLO3- CLO4- CLO5
Oral Exam (if exists)	-	-	-	-

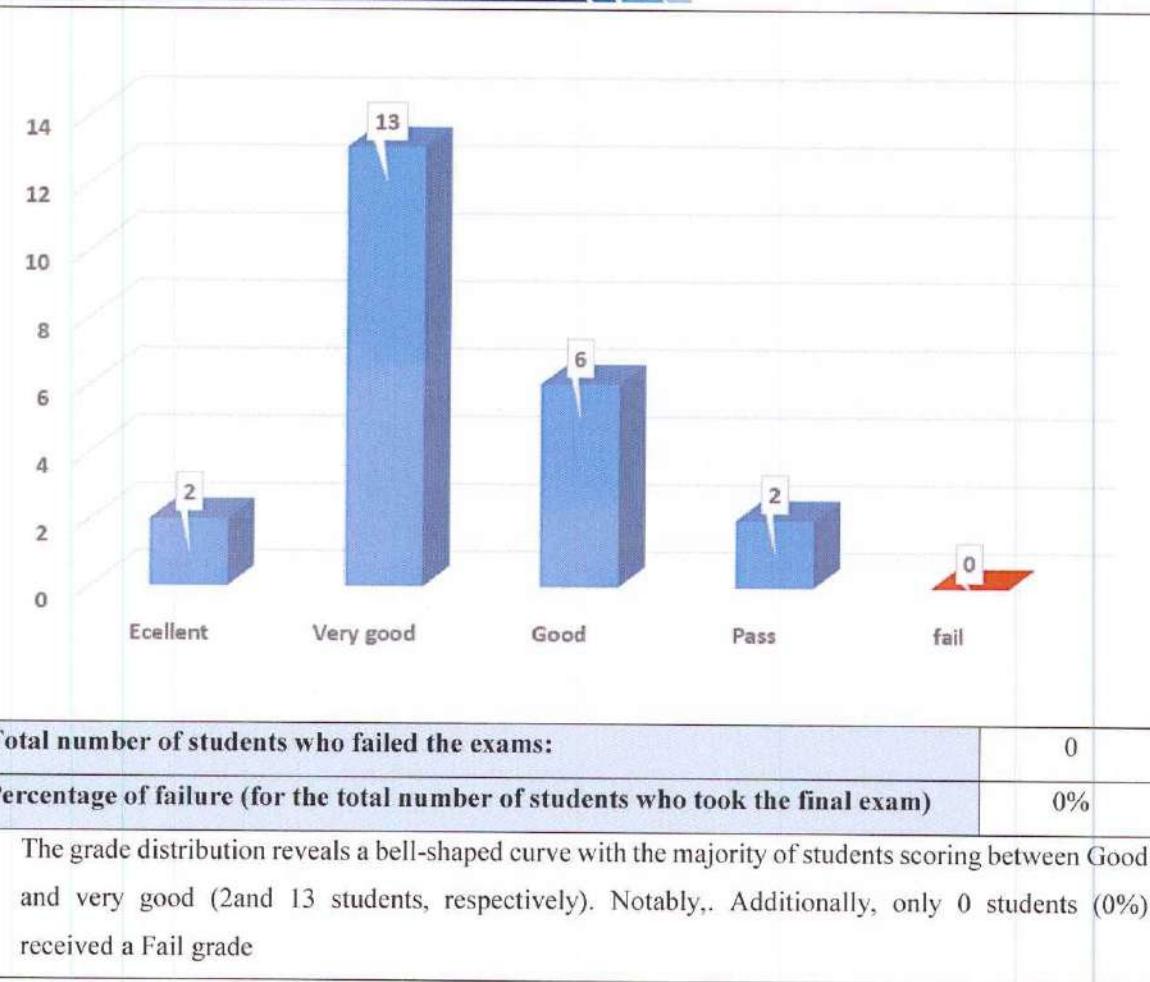
• The examination committees are selected through the Department Council based on specialization.  
 A second examiner is chosen within the same field as the first examiner.



- External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print
- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

#### Student Assessment Results

Number of students (who started the course):	23				
Number of students (who completed the course/ sat for the exam):	23				
Number of students who did not attend the final written exam (absent-deprived-withdrawn):	0				
Total number of students who passed the exams successfully:	23				
Percentage of success (out of the total number of students who sat for the final exam)	100%				
<b>Grade Distribution *</b>					
Grade	Excellent	Very good	Good	Pass	Fail
Number of students	2	13	6	2	0
Percentage	8.7%	56.5%	26.1%	8.7%	0%



### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	21 / 23
Percentage of participants to the total number	91.3%



<b>Important points of satisfaction</b>	The teaching method of the course included many activities that helped me gain the ability to learn independently.
<b>Important points of dissatisfaction</b>	The teaching method encourages discussion and dialogue to reach concepts and facts collectively.

#### 4. Instructors Reflection \*

The educational process throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.

- **The scientific content** of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- **Resources**, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

#### 5. Course Enhancement

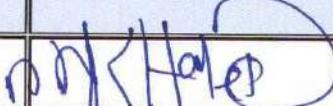
Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	A lot of creaseing on project of bulding	Include the topic in the final two works of the course	specification and lecture schedule accordingly	
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	



3	Using a variety of teaching methods, such as discussions, case studies and, simulations to keep students engaged and active learners.	Providing city planning software such as GPS	Hold a workshop to learn how to use the program	
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Course coordinator:

Name	Signature	Academic Year
Dr.Khaled Eltawel		2024-2025

Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025



Academic Year 2024-2025

Semester

Second

**1. Basic Information:**

Course Title (according to the bylaw)	Urban Renovation and Upgrading	
Course Code (according to the bylaw)	ARE 422E	
Department/s that participated in the teaching:	Architectural Engineering Department	
Number of credit hours/points of the course (according to the bylaw)		
Lecture	Tutorial / Laboratory	Total contact
2	2	4
Course Type	<input type="checkbox"/> Compulsory	<input checked="" type="checkbox"/> Elective
Academic level at which the course is taught	Fourth year	
Academic Program	Architectural Engineering Department	
Faculty/Institute	Higher Institute of Engineering and Technology at Manzalla	
University/Academy	Manzalla Academy	
Name of Course Coordinator	Dr. Marwa Al-Adham	
Course Report Approval Date	16 August 2025	
Course Report Approval	Institute Council No. (12) on 16 August 2025	

**2. Data and Statistics**

Course Instructors			
Number of Faculty Staff		Number of Teaching Assistants	
Full-time (at least 4 working days)	Part-time (1 or 2 days)	Full-time (at least 4 working days)	Part-time (1 or 2 days)
1		1	

Instructor Name	Department	Academic degree	Specialty
Dr. Marwa Al-Adham	Architecture Engineering	Assistant professor	Architecture



Eng.Omar Elsaygh	Architecture Engineering	Demonstrator	Architecture
<b>Notes (if any):</b> N/A			

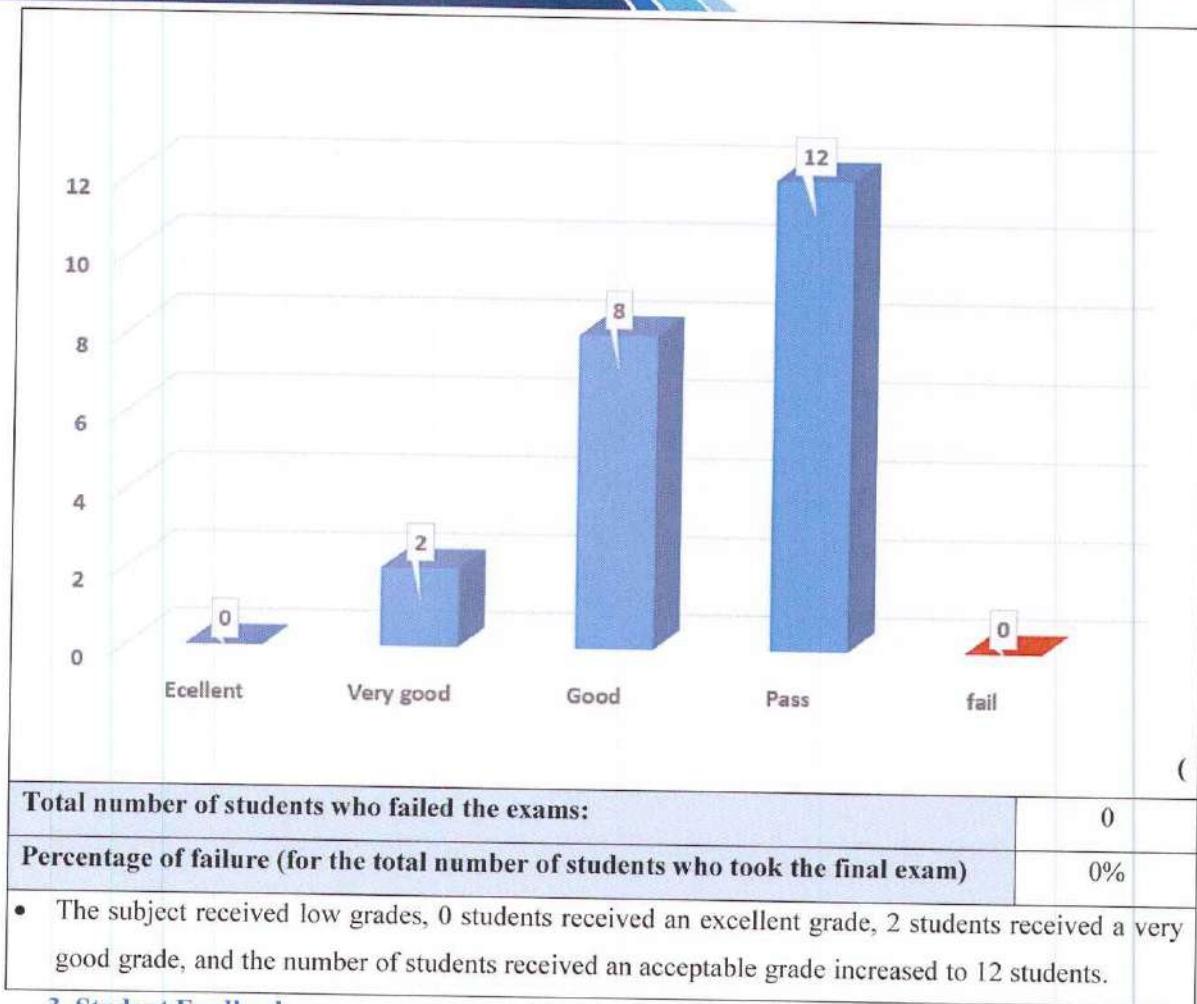
Teaching and Learning					
Number of weeks of actual study	Total number of theoretical teaching hours (Lectures/ .....	Total number Of training hours (practical/clinical/ ...)	Total number of field training hours (if any)	Total number of self-learning hours (if any)	Other (to be mentioned)
15	30	30	-	30	-
<b>Notes (if any) on:</b>					
Topics not covered in this course are: Integrated Approaches to Urban Rehabilitation and Upgrading There is no change in teaching methods, hours and contents.					

Student Assessment Methods that have been Implemented				
Method of assessment	Date of Evaluation	Marks/ Score	Type and number of questions	Measured Course Learning Outcomes (Mention the text)
Quizzes	Week 6, 11	4.5	Essay questions	CLO2- CLO3 –CLO6
Mid-Term Exam	Week 8	13.5	Essay questions - Redesigning websites (renewal and advancement)	CLO3- CLO4 –CLO6
Final written Exam	16	70	Essay questions - Redesigning websites (renewal and advancement)	CLO2- CLO3 –CLO6
Final practical Exam	-	-	-	-
Activities and assignments	Every week	12	Submit a group research	CLO1- CLO6
Oral Exam (if exists)	-	-	-	-



- The examination committees are selected through the Department Council based on specialization. A second examiner is chosen within the same field as the first examiner.
- External evaluation of the exam was applied through using "Evaluation of the Examination Paper in Terms of Form and content and Blue Print
- Final exams are held at the end of each semester and for passing the course the marks of the final exam should not be less than 30% of the total exam marks, except for courses such as the Graduation Project and Practical Training as addressed by these curricula.
- The student fails if he gets less than 50% out of the total course marks or does not attend the final exam.

Student Assessment Results					
<b>Number of students (who started the course):</b>					23
<b>Number of students (who completed the course/ sat for the exam):</b>					22
<b>Number of students who did not attend the final written exam (absent-deprived-withdrawn):</b>					1
<b>Total number of students who passed the exams successfully:</b>					22
<b>Percentage of success (out of the total number of students who sat for the final exam)</b>					100%
Grade Distribution *					
Grade	Excellent	Very good	Good	Pass	Fail
<b>Number of students</b>	0	2	8	12	0
<b>Percentage</b>	0%	9.1%	36.4%	54.5%	0%



### 3. Student Feedback

Item	Comment
Means of Evaluation:	Questionnaire (online on Dulms)
Timing of Evaluation:	After Mid-Term to the final Exam
Number of students who participated in the course evaluation	21 / 23
Percentage of participants to the total number	%91.3



<b>Important points of satisfaction</b>	The faculty member adheres to the The objectives of the course were clearly explained in the first lecture.
<b>Important points of dissatisfaction</b>	The teaching assistant evaluates students fairly and transparently. The teaching assistant adheres to the announced office hours

#### 4. Instructors Reflection \*

The educational process throughout the semester was smooth and well-organized. Students were generally responsive and engaged with the course content. Lectures, assessments, and support activities were effectively implemented, and improving student performance.

- The scientific content of the course was comprehensive, up-to-date, and well-aligned with the learning outcomes.
- Resources, including lecture materials and digital platforms, were sufficient and supported student learning. Student interaction and engagement were generally positive, and assessment tools helped monitor progress throughout the semester.

#### 5. Course Enhancement

Course development plan for the next academic semester/year

No.	Points that need development or improvement	Corrective/Improvement Actions	Methods of Implementation	Notes
1	Developing the student's skill in distinguishing between (renewal and advancement)	Semester project work: between distinction and advancement	Student groups inside the lecture	
2	Enhance student interaction on LMS platform	Encourage active participation in discussion forums	Weekly engagement tasks and participation grading	



3	Using a variety of teaching methods, such as discussions, case studies and, simulations to keep students engaged and active learners.	Providing city planning software such as GPS	Hold a workshop to learn how to use the program	
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Course coordinator:

Name	Signature	Academic Year
Dr. Marwa Al-Adham		2024-2025

Name and Signature Head of the Department Council:

Name	Signature	Academic Year
Prof. Dr. Tarek Abu Auf		2024-2025

# Ministry of Higher Education



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