الترم الأول

Annual Course Report: Properties and Strengthen of materials

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering department
Department Responsible for the Course	Civil Engineering department
Course Code	CIE 302
Year/ Level	Third level-First term
Specialization	Major
Authorization data of course report	2/2021
Exam Committee Selection Rule	Dr. Nesreen Zakaria
External Revision of Examination	--
Lecturers Number:	1

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	2hours	1 hours/week	1 hours/week

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		367	100%
Students completing the course		367	100%
Results	**Passed**	322	85%
	Failed	45	15%
Grading of successful students	**Excellent**	55	12.3%
	Very Good	78	21.2%
	Good	88	24%
	Pass	101	27.5%

2. Course Teaching:

No	**Topics actually taught**	**No. of hours**			**Lecturer**
		Lecture	**Tutorial/ Practical**	**Total**	
1	Materials classifications, standard specifications of engineering materials and products, testing and Inspection	4	2	6	Dr. Nesreen Zakaria
2	Testing machines, calibration of testing machines, and strain gages.	2	2	4	
3	Main properties of engineering materials (physical chemical, mechanical, .. etc	2	2	4	
4	Tension test	2	2	4	

	Compression test, and flexural test				
5	Shear test, and surface hardness of metals	2	4	6	
6	Structural and reinforcing steel, and welded splice	2	2	4	Dr. Nesreen Zakaria
7	Physical and mechanical properties of wood	2	2	4	
8	Properties and testing of building stones, and bricks	2	2	4	
9	Concrete aggregates	2	2	4	
10	Cement: types, manufacturing and testing	2	2	4	
	TOTAL	26	26	52	

- Topics taught as a percentage of the content specified: 93 %
- Lecturers commitment of the course content: 100 %
- Coverage of exam topics to course content: 90 %
- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
4	Practical	√
5	Research Assignment	√
6	Field Visits	×
7	Case Studies	√
8	Smart Sessions	×

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	10%
2	Practical Examination	10%
3	Semester work	20%
4	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	Lab Facilities	√
3	White Board	√
4	Data Show System	√
5	Visualizer	×
6	Smart Board	×

No.	Facility	Choice
7	Wireless Board	×
8	Presenter	√
9	Sound System	√
10	Wire-Internet	√
11	Wireless Internet	√
12	…	×

4- Administrative Constraints:

No.	Constraints
1	**Finance**
2	**Equipment**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**66%**

6- Course enhancement suggestions

No.	Suggestions
1	**Improve lecture notes**
2	**Integrating work experiences with education.**
3	**Transplant And Assess Pedagogy Utilizing Such Technologies To Enhance Students' Learning.**

7- Comments from external evaluator(s) (if exists):

No.	Comments
1	**No Clear aim for the coarse**
2	**ILOs don't describe the aim of the coarse well**

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	**Using online course material.**
2	**Provide training on how to use a new teaching technology in their classes.**

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	**Field visits for more learning about the experiments**	**Lack of time during the semester**

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	**Teaching methods**	**More field visits for experimenting**	**2021-2022**	Dr. Nesreen Zakaria

Course Coordinator: Dr. Nesreen Zakaria

Head of Department: Ass. Prof. Mohamed Gabr

Date of Approval: 2/2021

Annual Course Report: Traffic and Transportation Engineering

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering Department
Department Responsible for the Course	Civil Engineering Department
Course Code	CIE 308
Year/ Level	Level 3- First term
Specialization	Major
Authorization data of course report	2/2021
Exam Committee Selection Rule	Dr. Alaa Gabr
External Revision of Examination	--
Lecturers Number:	1

	Lectures	**Tutorial**	**Practical**
Teaching Hours	2 hours per week for 14 weeks	2 hours	-

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		145	100%
Students completing the course		142	100%
Results	**Passed**	119	83.80%
	Failed	23	16.20%
Grading of successful students	**Excellent**	9	6.33%
	Very Good	28	19.71%
	Good	43	30.28%
	Pass	26	18.30%

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**Lecture**
1	Measures of flow ,speed and Density	2	2	-	Dr. Alaa Gabr
2	Statically of traffic characteristics (travel time, delay, speed, pedestrians, parking and accident studies	2	2	-	
3	Traffic signals	2	2	-	
4	Parking garages and terminals design	2	2	-	
5	Freeway surveillance and control	2	2	-	
6	General characteristics of transportation: streets, highways, rail, transit, water and pipelines. Egypt transport system : on overview	2	2	-	
7	Fundamentals of traffic flow : time space diagrams, capacity analysis	2	2	-	
8	control, IVHS, public issues and administration	4	4	-	

9	Transport system design: characteristics of driver, vehicle and road. Route location ,horizontal, an. Vertical alignment, earthwork, drainage and pavements	2	2	-	
10	Economic evaluation ,system operation, maintenance and rehabilitation	4	4	-	
11	Environmental impacts, various laboratory experiments and design projects supplement the subject matter	4	4	-	
Total		**28**	**28**	**-**	

- Topics taught as a percentage of the content specified: 90%
- Lecturers commitment of the course content: 95%

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
4	Practical	√
5	Research Assignment	√

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	20.%
2	Oral Examination	0%
3	Practical Examination	0%
4	Semester work	20%
5	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	Lab Facilities	√
3	White Board	√
4	Data Show System	√

No.	Facility	Choice
7	Wire-Internet	√
8	Presenter	√
9	Sound System	√

4- Administrative Constraints:

No.	Constraints
1	-

5- Student Evaluation Result of the Course:

No.	Evaluation Result

1	**75%**

6- Course enhancement suggestions

No.	Suggestions
1	**Use of software's for traffic simulation as application**

7- Comments from external evaluator(s) (if exists):

No.	Comments
1	**The previous prerequisite is not mentioned**

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	**Improving staff attributes and behaviors**
2	**Improving access to courses, facilities and services**

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	**Traffic modeling**	**Don't use Software purchase**

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	**Traffic modeling**	**Software purchase**	**2021-2022**	**Dr. Alaa Gabr**

Course Coordinator: Dr. Alaa Gabr

Head of Department: Ass. Prof. Mohamed Gabr

Date of Approval: 2/2021

Annual Course Report: Open Channel Hydraulics

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering Department
Department Responsible for the Course	Civil Engineering Department
Course Code	CIE 401
Year/ Level	Level 4 - First term
Specialization	Major
Authorization data of course report	2/2021
Exam Committee Selection Rule	
External Revision of Examination	--
Lecturers Number:	1

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	2 hours/ week	1 hour/week	1

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		140	100%
Students completing the course		138	98.57%
Results	**Passed**	107	77.53%
	Failed	31	22.46%
Grading of successful students	**Excellent**	11	7.97%
	Very Good	21	15.21%
	Good	34	24.63%
	Pass	41	29.71%

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**Lecturer**
1	Introduction – review (pipelines hydraulics)	2	2	-	Dr. Hamdy
2	Principles of hydraulics of open channel flow	2	2	-	
3	Critical flow – velocity distribution – unsteady flow equations	2	2	-	
4	Energy approach Practical: [Hump + Depression]	8	6	4	
5	Momentum approach – rabidly varied flow Practical: [Hydraulic jump]	4	2	2	

6	Surface roughness	4	2	-	El Ghandor
7	Gradually varied flow Practical: [G.V.F]	4	2	2	
8	Hydraulic machines (pump) – Best hydraulic section	2	2	-	
Total		**28**	**20**	**8**	

- Topics taught as a percentage of the content specified: 100 %
- Lecturers commitment of the course content: 95%

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
4	Practical	√
5	Research Assignment	√

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	10.%
2	Practical Examination	10%
3	Semester work	20%
4	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	Lab Facilities	√
3	White Board	√
4	Data Show System	√

No.	Facility	Choice
5	Presenter	√
6	Sound System	√
7	Wire-Internet	√
8	Wireless Internet	√

4- Administrative Constraints:

No.	Constraints
1	**Finance**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**72%**

6- Course enhancement suggestions

No.	Suggestions
1	**Improve lecture notes**
2	**Integrating work experiences with education.**
3	**Transplant And Assess Pedagogy Utilizing Such Technologies To Enhance Students' Learning.**

7- Comments from external evaluator(s) (if exists):

No.	Comments
1	**There is no practical description**

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	**Using online course material.**
2	**Provide training on how to use a new teaching technology in their classes.**

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	**Use Laboratory to perform practical work**	**The coarse doesn't contain practical hours**

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	**Teaching Methods**	**Use Small groups for designing channels**	**2021-2022**	**Dr. Hamdy El Ghandor**

Course Coordinator: Dr. Hamdy El Ghandor

Head of Department: Ass. Prof. Mohammed Gabr

Date of Approval: Feb 2021

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Annual Course Report:Steel structures Design (1)

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering Department
Department Responsible for the Course	Civil Engineering Department
Course Code	CIE402
Year/ Level	4th-first term
Specialization	Major
Authorization data of course report	2/2021
Exam Committee Selection Rule	Dr. Mohamed El-Ghandour
External Revision of Examination	--
Lecturers Number:	1

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	3hours	2 hours/week	-

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		158	100%
Students completing the course		148	80%
Results	**Passed**	110	74.32%
	Failed	38	25.67%
Grading of successful students	**Excellent**	18	12.16%
	Very Good	23	15.54%
	Good	26	17.56%
	Pass	30	20.27%

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**Lecturer**
1	Types of steel structures.	4	2	-	Dr. Mohamed El-Ghandour
2	Types of loads on steel structural building.	4	2	-	
3	Method of Design of steel structural buildings. (ASD - LRFD. Methods)	6	4	-	
4	Allowable stress in different steel structural buildings.	4	2	-	
5	Design of tension members, according to ASDM.	4	2	-	
6	Design of Compression members, according to ASDM.	4	4	-	
7	Design of bolted connections in trusses	4	2	-	
8	Design of welded connections in trusses	4	4	-	

9	Design of columns under axial loads.	4	4	-	
10	General review of the course	4	2	-	
Total		**42**	**28**	**-**	

- Topics taught as a percentage of the content specified: 95 %
- Lecturers commitment of the course content: 100 %

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
4	Research Assignment	√
5	Case Studies	√

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	20%
2	Semester work	20%
3	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	White Board	√
3	Data Show System	√
4	Presenter	√

No.	Facility	Choice
7	Sound System	√
8	Wire-Internet	√
9	Wireless Internet	√

4- Administrative Constraints:

No.	Constraints
1	**Finance**
2	**Equipment**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**70 %**

6- Course enhancement suggestions

No.	Suggestions
1	**Improve lecture notes**
2	**Integrating work experiences with education.**
3	**Transplant And Assess Pedagogy Utilizing Such Technologies To Enhance Students' Learning.**

7- Comments from external evaluator(s) (if exists):

No.	Comments
1	Proposal improvement in courses are similar despite their different nature

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	Using online course material.
2	Provide training on how to use a new teaching technology in their classes.

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	More field visits for more learning about the coarse	No practice in the coarse

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	Teaching methods	Make 3D models for the ease of explaining the coarse	2021-2022	Dr. Mohamed El-Ghandour

Course Coordinator: Dr. Mohamed El-Ghandour

Head of Department: ASS. Prof. Mohammed Gabr

Date of Approval: 2/2021

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Annual Course Report:Reinforced Concrete (2)

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering Department
Department Responsible for the Course	Civil Engineering Department
Course Code	CIE403
Year/ Level	Fourth level-first term
Specialization	Major
Authorization data of course report	2/2021
Exam Committee Selection Rule	Dr. Hamdy Abd-elatty
External Revision of Examination	--
Lecturers Number:	1

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	3hours	2 hours/week	-

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		136	100%
Students completing the course		134	98.52%
Results	**Passed**	124	92.53%
	Failed	10	7.46%
Grading of successful students	**Excellent**	5	3.73%
	Very Good	39	29.10%
	Good	42	31.34%
	Pass	38	28.35%

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**Lecturer**
1	Introduction	3	2	-	Dr. Hamdy Abd-elatty
2	Design of Hollow Block and Ribbed slabs	6	4	-	
3	Design of sections subjected to Torsion	6	4	-	
4	Design of flat slabs	9	6	-	
5	Design of Stairs	9	6	-	
6	Design of paneled beams	6	4	-	
7	Deflection	3	2	-	
Total		**42**	**28**	**-**	

- Topics taught as a percentage of the content specified: 100%
- Lecturers commitment of the course content: 95%

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
4	Research Assignment	√
5	Case Studies	√

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	20%
2	Semester work	20%
3	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	White Board	√
3	Data Show System	√
4	Presenter	√

No.	Facility	Choice
5	Sound System	√
6	Wire-Internet	√
7	Wireless Internet	√

4- Administrative Constraints:

No.	Constraints
1	**Finance**
2	**Equipment**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**70%**

6- Course enhancement suggestions

No.	Suggestions
1	**Improve lecture notes**
2	**Integrating work experiences with education.**
3	**Transplant And Assess Pedagogy Utilizing Such Technologies To Enhance Students' Learning.**

7- Comments from external evaluator(s) (if exists):

No.	Comments
1	**The previous prerequisite is not mentioned**

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	**Using online course material.**
2	**Provide training on how to use a new teaching technology in their classes.**

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	**More field visits for more learning about the coarse**	**No practice in the coarse**

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	**Teaching methods**	**Use several codes of practice in the design**	**2021-2022**	Dr. Hamdy Abd-elatty

Course Coordinator: Dr. Hamdy Abd-elatty

Head of Department: Ass. Prof. Mohammed Gabr

Date of Approval: 2/2021

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Annual Course Report: Geology and Soil Mechanics 1

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering Department
Department Responsible for the Course	Civil Engineering Department
Course Code	CIE404
Year/ Level	4th level-first term
Specialization	Major
Authorization data of course report	2/2021
Exam Committee Selection Rule	Dr. Hany Hashish
External Revision of Examination	--
Lecturers Number:	1

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	2 hours	1hours/week	1

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		156	100%
Students completing the course		149	95.51%
Results	**Passed**	101	67.78%
	Failed	48	32.21%
Grading of successful students	**Excellent**	8	5.37%
	Very Good	24	16.11%
	Good	25	16.78%
	Pass	44	29.53%

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**Lecturer**
1	Introduction and basics of Geology	2	2	-	Dr. Hany Hashish
2	Basic geological properties of rocks	2	2	-	
3	Basic engineering properties of soils Practical: water content – specific gravity – sieve analysis – hydrometer – cassagrand – sand cone test standard proctor – modified proctor test	12	6	6	
4	Permeability and Seepage	4	2	-	
5	Effective stresses and pore water pressure	2		-	
6	Stresses and strains in continuous body and shear stress of soil Practical: un-confined test	2	2	2	
7	Consolidation Practical: oedumeter	2	2	2	
8	Stability analysis	2	2	-	

Total	28	18	10	

- Topics taught as a percentage of the content specified: 100%
- Lecturers commitment of the course content: 95%

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
4	Practical	√
5	Research Assignment	√
6	Case Studies	√

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	10%
2	Semester work	20%
3	Practical Examination	10%
4	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	Lab Facilities	√
3	White Board	√
4	Data Show System	√

No.	Facility	Choice
5	Presenter	√
6	Sound System	√
7	Wire-Internet	√
8	Wireless Internet	√

4- Administrative Constraints:

No.	Constraints
1	**Finance**
2	**Equipment**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**81%**

6- Course enhancement suggestions

No.	Suggestions
1	**Improve lecture notes**
2	**Integrating work experiences with education.**
3	**Transplant And Assess Pedagogy Utilizing Such Technologies To Enhance Students' Learning.**

7- Comments from external evaluator(s) (if exists):

No.	Comments

1	**There is no practical description**

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	**Using online course material.**
2	**Provide training on how to use a new teaching technology in their classes.**

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	**Visiting the filed for more knowledge in the coarse**	**No practical hours in the coarse specifications**

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	**Teaching techniques**	**Use Field visits to let the student see what is the soil mechanics in real life**	**2021-2022**	Dr. Hany Hashish

Course Coordinator: Dr. Hany Hashish

Head of Department: Ass. prof. Mohammed Gabr

Date of Approval: 2/2021

Annual Course Report: Computer Applicationsin civil Engineering

A. Basic Information:

Program Title	Civil Engineering
Department offering the Program	Civil Engineering Department
Department Responsible for the Course	Civil Engineering Department
Course Code	CIE 405
Year/ Level	4th Level
Specialization	Major
Authorization data of course report	2/2021
Exam Committee Selection Rule	Ass. Prof. Mohammed Gabr
External Revision of Examination	--
Lecturers Number:	1

	Lectures	**Tutorial**	**Practical**
Teaching Hours	2 hours per week for 14 weeks	0	2 hours per week for 14 weeks

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		72	100%
Students completing the course		70	97.22%
Results	**Passed**	69	98.57%
	Failed	1	1.42%
Grading of successful students	**Excellent**	14	2%
	Very Good	32	45.71%
	Good	18	25.71%
	Pass	5	7.14%

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**Lecturer**
1	Study of theoretical models for the analysis of structures. Practical: analyze beams, frames, trusses and slabs	4	-	4	Ass. Prof. Mohammed
2	Study of how to choose suitable methods for analysis of various structures. Practical: choose suitable methods for designing beams, frames, trusses and slabs	4	-	4	
3	Preparation of simple programs	4	-	4	

	based on these models. Practical: design programs for structure analysis using excel or matlab				Gabr
4	Study of available programs and modifying them for analysis of certain problems. Practical: solving some hydraulic problems	6	-	6	
5	Training on the use of available commercial software programs. Practical: using sap, excel, Epanet	6	-	6	
6	Computer applications. Practical: choosing a civil engineering case	4	-	4	
Total		**28**	**-**	**28**	

- Topics taught as a percentage of the content specified: 90%
- Lecturers commitment of the course content: 95%

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
4	Practical	√
5	Research Assignment	√
6	Case Studies	√

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	10.%
3	Practical Examination	10%
4	Semester work	20%
6	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	Lab Facilities	√
3	White Board	√

No.	Facility	Choice
7	Presenter	√
8	Sound System	√
9	Wire-Internet	√

4	Data Show System	√		10	Wireless Internet	√

4- Administrative Constraints:

No.	Constraints
1	**Finance**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**75%**

6- Course enhancement suggestions

No.	Suggestions
1	**Improve lecture notes**
2	**Integrating work experiences with education.**
3	**Transplant And Assess Pedagogy Utilizing Such Technologies To Enhance Students' Learning.**

7- Comments from external evaluator(s) (if exists):

No.	Comments
1	**References need update**

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	**Using online course material.**
2	**Provide training on how to use a new teaching technology in their classes.**

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	**Designing a complete software by applications tought**	**Lack of resources**

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	**Add more neural networks(NNs) applications**	**Use neural applications in the coarse**	**2021-2022**	**Ass. Prof. Mohammed Gabr**

Course Coordinator: Ass. Prof. Mohammed Gabr

Head of Department: Ass. Prof. Mohammed Gabr

Date of Approval: 2/2021

Annual Course Report: Water Supply and Sanitary Engineering

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering Department
Department Responsible for the Course	Civil Engineering Department
Course Code	CIE 406
Year/ Level	Level 4 - First term
Specialization	Major
Authorization data of course report	2/2021
Exam Committee Selection Rule	Dr. Mohammed Gabr
External Revision of Examination	--
Lecturers Number:	1

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	2 hours/ week	2 hour/week	0

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		115	100%
Students completing the course		115	92.89%
Results	**Passed**	96	83.47%
	Failed	19	16.52%
Grading of successful students	**Excellent**	33	28.69%
	Very Good	24	20.86%
	Good	16	13.91%
	Pass	23	20%

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**Lecturer**
1	Sources of water supply	2	2	-	Dr. Mohammed Gabr
2	Drinking water standards, quality requirement	4	4	-	
3	Ground water collecting	2	2	-	
4	Water transmission and distribution	4	4	-	
5	water Treatment (Intake, low lift pump station, coagulants, high flash mixing tanks, gentle mixing tanks, sedimentation tanks, filtration tanks, disinfection)	16	16	-	
Total		**28**	**28**	**-**	

- Topics taught as a percentage of the content specified: 100%
- Lecturers commitment of the course content: 100%

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
4	Research Assignment	√

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	20.%
4	Semester work	20%
6	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	White Board	√
3	Data Show System	√
4	Presenter	√

No.	Facility	Choice
5	Sound System	√
6	Wire-Internet	√
7	Wireless Internet	√

No.	Constraints
1	**Finance**

4- Administrative Constraints:

No.	Evaluation Result
1	**75.27%**

5- Student Evaluation Result of the Course:

No.	Suggestions
1	**Improve lecture notes**
2	**Integrating work experiences with education.**
3	**Transplant And Assess Pedagogy Utilizing Such Technologies To Enhance Students' Learning.**

6- Course enhancement suggestions

7- Comments from external evaluator(s) (if exists):

No.	Comments
1	Proposal improvement in courses are similar despite their different nature

No.	Suggestions
1	Using online course material.
2	Provide training on how to use a new teaching technology in their classes.

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions	Reasons
1	Field visits for more learning about the course	Lack of time during the semester

9- What has not been implemented of the suggestions (give reasons)?

No.	Areas of development	Description of development	Completion date	Person responsible
1	Teaching methods	More field visits for experimenting	2021-2022	Dr. Mohammed Gabr

10- Action plan for next academic year

Course Coordinator: Dr. Moamed Gabr

Head of Department: Ass. Prof. Mohammed Gabr

Date of Approval: Feb. 2021

Annual Course Report:Construction Estimating and Tendering

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering department
Department Responsible for the Course	Civil Engineering department
Course Code	CIE 411
Year/ Level	Fourth level - First term
Specialization	Minor
Authorization data of course report	2/2021
Exam Committee Selection Rule	Dr. Abdu EL Naqib
External Revision of Examination	--
Lecturers Number:	1

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	2hours	2 hours/week	-

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		95	100%
Students completing the course		95	100%
Results	**Passed**	93	97.89%
	Failed	2	2.10%
Grading of successful students	**Excellent**	3	3.16%
	Very Good	20	21.05%
	Good	42	44.21%
	Pass	28	29.47%

2. Course Teaching:

No	**Topics actually taught**	**No. of hours**			**Lecturer**
		Lecture	**Tutorial/ Practical**	**Total**	
1	Quantity take off	4	4	8	Dr. Abdu ELnaqib
2	Principles of construction cost estimating	6	6	12	
3	Method of detailed cost estimating analysis equipment costs	4	4	8	
4	Construction tendering process	4	4	8	
5	Laws and regulation related to the construction industry	4	4	8	
6	Bidding and contracting system for construction project	4	4	8	
Total hours		**26**	**26**	**52**	

- Topics taught as a percentage of the content specified: 90 %
- Lecturers commitment of the course content: 100 %
- Coverage of exam topics to course content: 90 %
- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
4	Practical	√
5	Research Assignment	√
6	Field Visits	×
7	Case Studies	√
8	Smart Sessions	×

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	20%
2	Practical Examination	0%
3	Semester work	20%
4	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	Lab Facilities	×
3	White Board	√
4	Data Show System	√
5	Visualizer	×
6	Smart Board	×

No.	Facility	Choice
7	Wireless Board	×
8	Presenter	√
9	Sound System	√
10	Wire-Internet	√
11	Wireless Internet	√
12	…	×

4- Administrative Constraints:

No.	Constraints
1	**Finance**
2	**Equipment**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	

6- Course enhancement suggestions

No.	Suggestions
1	**Improve lecture notes**
2	**Integrating work experiences with education.**
3	**Transplant And Assess Pedagogy Utilizing Such Technologies To Enhance**

	Students' Learning.

7- Comments from external evaluator(s) (if exists):

No.	Comments
1	No Clear aim for the coarse
2	ILOs don't describe the aim of the coarse

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	Using online course material.
2	Provide training on how to use a new teaching technology in their classes.

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	Watch a real tenders papers from real projects	No practical in the coarse specification

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	Coarse topics	Add more topics related to tenders in practice	2021-2022	Dr. Abdu Elnaqib

Course Coordinator: Dr. Abdu Elnaqib

Head of Department: Ass. Prof. Mohamed Gabr

Date of Approval: 2/2021

Design of lighting Systems for buildings

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering department
Department Responsible for the Course	Civil Engineering department
Course Code	CIE 413
Year/ Level	Fourth level - First term
Specialization	Minor
Authorization data of course report	2/2021
Exam Committee Selection Rule	Dr. Rabab Reda
External Revision of Examination	--
Lecturers Number:	1

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	2hours	2 hours/week	-

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		50	100%
Students completing the course		49	98%
Results	**Passed**	48	97.96%
	Failed	1	2.04%
Grading of successful students	**Excellent**	21	42.86%
	Very Good	6	12.24%
	Good	13	26.53%
	Pass	8	16.33%

2. Course Teaching:

No	**Topics actually taught**	**No. of hours**			**Lecturer**
		Lecture	**Tutorial/ Practical**	**Total**	
1	Principles of lighting	2	2	-	Dr. Rabab Reda
2	lighting design for buildings which includes artificial lighting, point, line and area light sources, types and properties of luminaries, polar curves	6	6	-	
3	design methods and calculations, glare index	4	4	-	
4	lighting design standard	4	4	-	
5	luminaire heat recovery system and lighting energy management	6	6	-	

6	hybrid lighting	2	2	-	
7	daylighting of buildings,	2	2	-	
8	effect of climate on lighting	2	2	-	
Total hours		**26**	**26**	**52**	

- Topics taught as a percentage of the content specified: 90 %
- Lecturers commitment of the course content: 100 %
- Coverage of exam topics to course content: 90 %
- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
4	Practical	√
5	Research Assignment	√
6	Field Visits	×
7	Case Studies	√
8	Smart Sessions	×

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	20%
2	Practical Examination	0%
3	Semester work	20%
4	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	Lab Facilities	×
3	White Board	√
4	Data Show System	√
5	Visualizer	×
6	Smart Board	×

No.	Facility	Choice
7	Wireless Board	×
8	Presenter	√
9	Sound System	√
10	Wire-Internet	√
11	Wireless Internet	√
12	…	×

4- Administrative Constraints:

No.	Constraints
1	**Finance**
2	**Equipment**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**80%**

6- Course enhancement suggestions

No.	Suggestions
1	Improve lecture notes
2	Integrating work experiences with education.

7- Comments from external evaluator(s) (if exists):

No.	Comments
1	No Clear aim for the coarse
2	ILOs don't describe the aim of the coarse

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	Provide training on how to use a new teaching technology in their classes.

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	Watch a real tenders papers from real projects	No practical in the coarse specification

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	Coarse topics	Add more topics related to tenders in practice	2021-2022	Dr. Rabab Reda

Course Coordinator: Dr. Rabab Reda

Head of Department: Ass. Prof. Mohamed Gabr

Date of Approval: 2/2021

Annual Course Report: Legal, professional, and social aspects of engineering `

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering Department
Department Responsible for the Course	Civil Engineering Department
Course Code	(CIE 503)
Year/ Level	5th level – first term
Specialization	Major
Authorization data of course report	7/2021
Exam Committee Selection Rule	Dr-Abdo EL-Naqib
External Revision of Examination	--
Lecturers Number:	1

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	2 hours	2 hour/week	-

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		58	100%
Students completing the course		55	94.83%
Results	**Passed**	53	96.36%
	Failed	2	3.64%
Grading of successful students	**Excellent**	1	1.82%
	Very Good	14	25.45%
	Good	15	27.27%
	Pass	23	41.82%

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**Lecturer**
1	Building and construction contracts procedure	4	4	-	**Dr-Abdo EL-Naqib**
2	Types of construction contracts	4	4	-	
3	General conditions of contracts and contract documents.	6	6	-	
4	Legal obligations and governing international and Egyptian legislation	4	4	-	
5	The role of the architect/ engineer in the construction process.	2	2	-	
6	The developments of the concepts of professionalism and ethics	4	4	-	
7	Case historical will be discussed	4	4	-	
Total		**28**	**28**	**-**	

- Topics taught as a percentage of the content specified: 100%
- Lecturers commitment of the course content: 98%

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
4	Research Assignment	√
5	Case Studies	√

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	20%
4	Semester work	20%
6	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	White Board	√
3	Data Show System	√
4	Presenter	√

No.	Facility	Choice
5	Sound System	√
6	Wire-Internet	√
7	Wireless Internet	√

4- Administrative Constraints:

No.	Constraints
1	**Finance**
2	**Equipment**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**69%**

6- Course enhancement suggestions

No.	Suggestions
1	**Improve lecture notes**
2	**Integrating work experiences with education.**
3	**Transplant And Assess Pedagogy Utilizing Such Technologies To Enhance Students' Learning.**

7- Comments from external evaluator(s) (if exists):

No.	Comments

1	**References need update**

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	**Using online course material.**
2	**Provide training on how to use a new teaching technology in their classes.**

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	**Merge between professional work and the subject**	**The subject is clearly expressing of its content**

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	**Teaching methods**	**Use more learning methods beside text book**	**2021-2022**	**Dr / Abdo EL-Naqib**

Course Coordinator: Dr. Abdo EL-Naqib

Head of Department: Ass. Prof. Mohammed Gabr

Date of Approval: 2/2021

Annual Course Report: Design of Irrigation works

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering Department
Department Responsible for the Course	Civil Engineering Department
Course Code	CIE 504
Year/ Level	Level Five
Specialization	-
Authorization data of course report	2/2021
Exam Committee Selection Rule	Dr. Samer El-abd
External Revision of Examination	--
Lecturers Number:	1

	Lectures	**Tutorial**	**Practical**
Teaching Hours	2 hours per week for 14 weeks	2 hours	0

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		67	100%
Students completing the course		62	92.53%
Results	**Passed**	44	70.96%
	Failed	18	29.03%
Grading of successful students	**Excellent**	2	3.22%
	Very Good	6	9.67%
	Good	9	14.51%
	Pass	27	43.54%

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**Lecturer**
1	Introduction	2	2	-	Dr. Samer El-abd
2	Retaining walls	4	4	-	
3	Gravity retaining walls	2	2	-	
4	Reinforced concrete R.W.	2	2	-	
5	Reinforced concrete bridges	2	2	-	
6	Rolled steel joist bridge	2	2	-	
7	Culvert	2	2	-	
8	Syphon	4	4	-	
9	Dams	4	4	-	
10	Heading up works	4	4	-	
Total		**28**	**28**	**-**	

- Topics taught as a percentage of the content specified: 95 %
- Lecturers commitment of the course content: 95 %

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
5	Research Assignment	√

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	20.%
4	Semester work	20%
6	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	White Board	√
3	Data Show System	√

No.	Facility	Choice
4	Presenter	√
5	Sound System	√
6	Wire-Internet	√

4- Administrative Constraints:

No.	Constraints
1	**Finance**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**70%**

6- Course enhancement suggestions

No.	Suggestions
1	**Improve lecture notes**
2	**Integrating work experiences with education.**
3	**Transplant And Assess Pedagogy Utilizing Such Technologies To Enhance Students' Learning.**

7- Comments from external evaluator(s) (if exists):

No.	Comments
1	The previous prerequisite is not mentioned

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	Using online course material.
2	Provide training on how to use a new teaching technology in their classes.

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	Use 3D models for irrigation works	Lack or resources

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	Students numbers	Decrease the number of students in classrooms	2021-2022	Dr. Samer El-abd

Course Coordinator: Dr. Samer El-abd

Head of Department: Prof. Mohammed Gabr

Date of Approval: 2/2021

Annual Course Report: Foundation1

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering department
Department Responsible for the Course	Civil Engineering department
Course Code	CIE 505
Year/ Level	Fifth level-first term
Specialization	Major
Authorization data of course report	2/2021
Exam Committee Selection Rule	Dr. Hany Hashish
External Revision of Examination	--
Lecturers Number:	1

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	2 hours	2hours/week	-

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		125	100%
Students completing the course		121	96.80%
Results	**Passed**	79	65.28%
	Failed	42	34.71%
Grading of successful students	**Excellent**	9	7.43%
	Very Good	21	17.35%
	Good	10	8.26%
	Pass	39	32.23%

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**Lecturer**
1	Design of strip footing	4	4	-	Dr. Hany Hashish
2	Design Isolated and combined footing	6	6	-	
3	Design of strap beam	2	2	-	
4	Design of raft foundations	8	8	-	
5	Pile cap - pile Foundation	8	8	-	
Total		**28**	**28**	**-**	

- Topics taught as a percentage of the content specified: 95%
- Lecturers commitment of the course content: 95%

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
4	Research Assignment	√
5	Case Studies	√

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	20%
2	Semester work	20%
3	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	White Board	√
3	Data Show System	√

No.	Facility	Choice
5	Sound System	√
6	Wire-Internet	√
7	Wireless Internet	√

4- Administrative Constraints:

No.	Constraints
1	**Finance**
2	**Equipment**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**72%**

6- Course enhancement suggestions

No.	Suggestions
1	**Improve lecture notes**
2	**Integrating work experiences with education.**
3	**Transplant And Assess Pedagogy Utilizing Such Technologies To Enhance Students' Learning.**

7- Comments from external evaluator(s) (if exists):

No.	Comments
1	**This courses is not followed to define the percentage of credit hours for communication hours**

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	**Using online course material.**
2	**Provide training on how to use a new teaching technology in their classes.**

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	**Visiting the filed for more knowledge in the coarse**	**No practical hours in the coarse specifications**

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	**More Knowledge**	**Use Charts beside equations in design**	**2021/2022**	Dr. Hany Hashish

Course Coordinator: Dr. Hany Hashish

Head of Department: Ass. Prof. Mohammed Gabr

Date of Approval: 2/2021

Annual Course Report: Inland Navigation and Harbor Engineering

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering Department
Department Responsible for the Course	Civil Engineering Department
Course Code	CIE 506
Year/ Level	Fifth level – first term
Specialization	Major
Authorization data of course report	2/2021
Exam Committee Selection Rule	Prof. Dr. Osami Rageh
External Revision of Examination	--
Lecturers Number:	1

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	2 hours	2 hours/week	0

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		67	100 %
Students completing the course		63	94.02 %
Results	**Passed**	53	84.12%
	Failed	10	15.87%
Grading of successful students	**Excellent**	21	33.33 %
	Very Good	15	23.80 %
	Good	8	12.69 %
	Pass	9	14.28 %

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**Lecturer**
1	Wind and current – tide - Wave theories	8	8	-	Prof. Dr. Osami Rageh
2	Surf zone hydrodynamics	2	2	-	
3	Wave forces	4	4	-	
5	Harbor planning	2	2	-	
6	Design of breakwater	4	4	-	
7	Design of quay walls	4	4	-	
8	Ship repair structures	2	2	-	
9	Inland navigation	2	2	-	
Total		**28**	**28**	**-**	

- Topics taught as a percentage of the content specified: 95%
- Lecturers commitment of the course content: 97%

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
5	Research Assignment	√
7	Case Studies	√

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	20%
2	Semester work	20%
3	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	White Board	√
3	Data Show System	√
4	Presenter	√

No.	Facility	Choice
5	Sound System	√
6	Wire-Internet	√
7	Wireless Internet	√

4- Administrative Constraints:

No.	Constraints
1	**Finance**
2	**Equipment**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**70%**

6- Course enhancement suggestions

No.	Suggestions
1	**Improve lecture notes**
2	**Integrating work experiences with education.**
3	**Transplant And Assess Pedagogy Utilizing Such Technologies To Enhance Students' Learning.**

7- Comments from external evaluator(s) (if exists):

No.	Comments
1	**The previous prerequisite is not mentioned**

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	**Using online course material.**
2	**Provide training on how to use a new teaching technology in their classes.**

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	**Visiting the filed for more knowledge in the coarse**	**No practical hours in the coarse specifications**

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	**Teaching techniques**	**Use 3D models for harbors to ease the learning of the coarse**	**2021-2022**	Prof. Dr. Osami Rageh

Course Coordinator: Prof. Dr. Osami Rageh

Head of Department: Ass. prof. Mohammed Gabr

Date of Approval: 2/2021

Annual Course Report: planning of maintenance and protection of buildings`

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering Department
Department Responsible for the Course	Civil Engineering Department
Course Code	CIE 529
Year/ Level	5th level – First term
Specialization	Minor
Authorization data of course report	2/2021
Exam Committee Selection Rule	Dr. Ayman Helal
External Revision of Examination	--
Lecturers Number:	1

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	2 hours	2 hour/week	-

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		80	100%
Students completing the course		79	98.75%
Results	**Passed**	72	91.14%
	Failed	7	8.86%
Grading of successful students	**Excellent**	8	10.13%
	Very Good	19	24.05%
	Good	19	24.05%
	Pass	26	32.91%

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**Lecturer**
1	Review on of deterioration of building materials	4	4	-	Dr. Ayman Helal
2	Concept of life cycle cost- Protection methods against deterioration and corrosion of building materials	8	8	-	
3	Types of defects and damages. Non-destructive tests	6	6	-	
4	Partially destructive tests. Load tests. Materials for repair and selection. Methods and techniques of repair. Rehabilitation and retrofitting.	10	10	-	
Total		**28**	**28**	**-**	

- Topics taught as a percentage of the content specified: 85%
- Lecturers commitment of the course content: 95 %

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
4	Research Assignment	√
5	Case Studies	√

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	20%
2	Semester work	20%
3	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	White Board	√
3	Data Show System	√
4	Presenter	√

No.	Facility	Choice
5	Sound System	√
6	Wire-Internet	√
7	Wireless Internet	√

4- Administrative Constraints:

No.	Constraints
1	Finance
2	Equipment

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**78%**

6- Course enhancement suggestions

No.	Suggestions
1	Improve lecture notes
2	Integrating work experiences with education.

7- Comments from external evaluator(s) (if exists):

No.	Comments
1	**The previous prerequisite is not mentioned**

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	-

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	The damage of concrete	The coarse doesn't contain practical hours

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	The damage of concrete	Using lab	2021-2022	Dr. Ayman Helal

Course Coordinator: Dr. Ayman Helal

Head of Department: Prof. Dr. Mohammed Gabr

Date of Approval: 2/2021

Annual Course Report: Railway Engineering

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering Department
Department Responsible for the Course	Civil Engineering Department
Course Code	CIE 545
Year/ Level	Level Five – first term
Specialization	Major
Authorization data of course report	2/2021
Exam Committee Selection Rule	Dr. Alaa Gabr
External Revision of Examination	--
Lecturers Number:	1

	Lectures	**Tutorial**	**Practical**
Teaching Hours	2 hours per week for 14 weeks	2 hours	-

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		43	100%
Students completing the course		41	95.35%
Results	**Passed**	31	75.61%
	Failed	10	24.39%
Grading of successful students	**Excellent**	0	0%
	Very Good	3	7.32%
	Good	11	26.83%
	Pass	17	39.53%

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**Lecturer**
1	Engineering principales for railways planning	2	2	-	Dr. Alaa Gabr
2	Railways components and specifications	4	4	-	
3	Design of different parts of railways	6	6	-	
4	Types of stations	2	2	-	
5	Types of signals	2	2	-	
6	maintenance	4	4	-	
7	Planning of railways lines	4	4	-	
8	Transportation economy	2	2	-	
9	Management and insurance.	2	2	-	
Total		**28**	**28**	**-**	

- Topics taught as a percentage of the content specified: 100%
- Lecturers commitment of the course content: 98 %

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
4	Research Assignment	√

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	20.%
2	Semester work	20%
3	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	White Board	√

No.	Facility	Choice
4	Sound System	√
5	Data Show System	√

4- Administrative Constraints:

No.	Constraints
1	Finance

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**77%**

6- Course enhancement suggestions

No.	Suggestions
1	Use management tools for design railway network

7- Comments from external evaluator(s) (if exists):

No.	Comments
1	References need update

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	-

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	Railway Design and management	Don't use Software purchase

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	Railway Design and management	Software purchase	**2021-2022**	Dr. Alaa Gabr

Course Coordinator: Dr. Alaa Gabr

Head of Department: Prof. Dr. Mohammed Gabr

Date of Approval: 2/2021

Annual Course Report: Project Management and Control

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering Department
Department Responsible for the Course	Basic Science and Engineering
Course Code	ENG 402
Year/ Level	4th level -first term
Specialization	Major
Authorization data of course report	2/2021
Exam Committee Selection Rule	Dr. Hamdy abd-elatty
External Revision of Examination	--
Lecturers Number:	1

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	1	2	-

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		169	100%
Students completing the course		167	98.81%
Results	**Passed**	156	93.41%
	Failed	11	6.59%
Grading of successful students	**Excellent**	49	29.34%
	Very Good	51	30.53%
	Good	28	16.76%
	Pass	28	16.76%

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**Lecture**
1	Introduction to project management.	2	2	-	Dr. Hamdy abd-elatty
2	Project planning and scheduling.	2	2	-	
3	Network based scheduling.	1	2	-	
4	Critical path method.	2	6	-	
5	Program evaluation& review technique (PERT)	1	4	-	
6	Probability aspects of project completion time.	2	2	-	
7	Project cost control.	1	6	-	
8	Resource allocation	2	2	-	
9	Forecasting funds requirement	1	2	-	
Total		**14**	**28**	**-**	

- Topics taught as a percentage of the content specified: 100%
- Lecturers commitment of the course content: 100%

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
4	Research Assignment	√
5	Case Studies	√

- Student Assessment:

No.	Assessment Method	Weights
1	**Mid Term Examination**	20%
2	**Semester work**	20%
3	**Final Term Examination**	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	White Board	√
3	Data Show System	√
4	Presenter	√

No.	Facility	Choice
5	Sound System	√
6	Wire-Internet	√
7	Wireless Internet	√

4- Administrative Constraints:

No.	Constraints
1	**Finance**
2	**Equipment**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**75%**

6- Course enhancement suggestions

No.	Suggestions
1	**Improve lecture notes**
2	**Integrating work experiences with education.**
3	**Transplant And Assess Pedagogy Utilizing Such Technologies To Enhance Students' Learning.**

7- Comments from external evaluator(s) (if exists):

No.	Comments

1	**This courses is not followed to define the percentage of credit hours for communication hours**

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	**Provide training on how to use a new teaching technology in their classes.**

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	**Using online course material.**	**Needing of extra internet system and smart boards**

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	**Increase some of scientific reference In the library of the institute**	**Add more Project Management and Control books in the electronic library of institute**	**2021-2022**	**Dr. Hamdy abd-elatty**

Course Coordinator: Dr. Hamdy abd-elatty

Head of Department: Assoc Dr. Mohammed Gabr

Date of Approval: Feb /2021

Ministry of Higher EducationThe
Higher Institute of Engineering
and Technology

وزارة التعليم العالى
المعهد العالى للهندسة والتكنولوجيا بدمياط
الجديدة

الترم الثاني

Annual Course Report: Principals of building constructions

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering Department
Department Responsible for the Course	Civil Engineering Department
Course Code	CIE 303
Year/ Level	Third level-second term
Specialization	Major
Authorization data of course report	7/2021
Exam Committee Selection Rule	Dr/ Ayman Helal
External Revision of Examination	--
Lecturers Number:	1

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	1	2	-

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		136	100%
Students completing the course		135	99.26%
Results	**Passed**	114	84.44%
	Failed	21	15.55%
Grading of successful students	**Excellent**	4	2.96%
	Very Good	13	9.63%
	Good	36	26.67%
	Pass	61	45.18%

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**lecture**
1	Construction technology of different types of projects	1	2	-	Dr/ Ayman Helal
2	Conventional construction methods	1	2	-	
3	Construction Equipment	1	2	-	
4	Pre-fabricated construction methods	1	2	-	
5	Effect of environment on methods of construction	1	2	-	
6	Architectural principals (utilities – services – properties)	1	2	-	
7	Safety issues during different stages of construction	1	2	-	

8	Examples of construction of different types of projects (buildings, roads, RCC dams, marine works, underground structures, etc)	2	4	-	
9	Building materials technology (steel , concrete , wood and natural stones)	1	2	-	
10	Developing new materials (Fiber reinforced polymers, high strength concrete and ultra-high strength concrete)	2	4	-	
11	Architectural drawings and details	2	4	-	
Total		**14**	**28**	**-**	

- Topics taught as a percentage of the content specified: 95%
- Lecturers commitment of the course content: 96 %

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
4	Research Assignment	√
5	Case Studies	√

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	20%
2	Practical Examination	0%
3	Semester work	20%
4	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	White Board	√
3	Data Show System	√
4	Presenter	√

No.	Facility	Choice
7	Sound System	√
8	Wire-Internet	√
9	Wireless Internet	√

4- Administrative Constraints:

No.	Constraints
1	**Finance**
2	**Equipment**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	75%

6- Course enhancement suggestions

No.	Suggestions
1	Improve lecture notes
2	Integrating work experiences with education.
3	Transplant And Assess Pedagogy Utilizing Such Technologies To Enhance Students' Learning.

7- Comments from external evaluator(s) (if exists):

No.	Comments
1	This courses is not followed to define the percentage of credit hours for communication hours

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	Using online course material.
2	Provide training on how to use a new teaching technology in their classes.

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Structures analysis (3)

(CIE 304)

Program Title	Civil Engineering Program
Department offering the Program	Civil Engineering Department
Department Responsible for the Course	Civil Engineering Department
Course Code	CIE 304
Year/ Level	level 3-Second semester
Specialization	Major
Authorization data of course report	7/2021
Exam Committee Selection Rule	Dr.Rafek Wadea
External Revision of Examination	--
Lecturers Number:	1

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	2	2	-

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		153	100%
Students completing the course		145	94.77%
Results	**Passed**	95	65.52%
	Failed	50	34.48%
Grading of successful students	**Excellent**	6	4.14%
	Very Good	12	8.27%
	Good	22	15.17%
	Pass	55	37.93%

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**Lecture**
1	Statically indeterminate structures using force method	6	6	-	Dr.Rafek Wadea
2	slope deflection method	8	8	-	
3	Moment distribution method	10	10	-	
4	Introduction to stiffness method	4	4	-	
Total		**28**	**28**	**-**	

- Topics taught as a percentage of the content specified: 100%

- Lecturers commitment of the course content: 100%

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	1
2	Tutorial	2
3	Sheets and Exercises	3
4	Sessions of discussion	4

- Student Assessment:

No.	Assessment Method	Weights
1	Mid-term examination	20%
2	Semester work	20%
3	Final-term examination	60%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	White Board	√
3	Data Show System	√
4	Presenter	√
5	Sound System	√

No.	Facility	Choice
6	Wire-Internet	√
7	Wireless Internet	√
8	Presenter	√
9	Wire-Internet	√

4- Administrative Constraints:

No.	Constraints
1	**Finance**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**82%**

6- Course enhancement suggestions

No.	Suggestions
1	**Additional lectures**

7- Comments from external evaluator(s) (if exists):

No.	Comments
1	**The previous prerequisite is not mentioned**

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	Using online course material.
2	Provide training on how to use a new teaching technology in their classes.

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	Use Software programs	Lack of resources

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	Study cases	Students make a small projects from what they learnt	2021-2022	**Dr. Rafek wadea**

Course Coordinator: Dr. Rafek wadea

Head of Department: Ass. Prof. Mohamed Gabr

Date of Approval: 7/2021

Annual Course Report: Hydrology and Irrigation Engineering

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering Department
Department Responsible for the Course	Civil Engineering Department
Course Code	CIE 305
Year/ Level	Level 3- Second semester
Specialization	Major
Authorization data of course report	7/2021
Exam Committee Selection Rule	Assc. Prof. Hamdy El Ghandor
External Revision of Examination	--
Lecturers Number:	1

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	1	2	0

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		150	100%
Students completing the course		147	98%
Results	**Passed**	146	99.32%
	Failed	1	0.68%
Grading of successful students	**Excellent**	86	58.50%
	Very Good	21	14.28%
	Good	4	2.72%
	Pass	3	2.04%

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**Lecture**
1	Definitions – water resources – soil	4	4	-	Assc. Prof. Hamdy El Ghandor
2	Estimating of water requirements	4	4	-	
3	Managing and distribution of irrigation systems	4	4	-	
4	Introduction to various types of irrigation systems – surface irrigation systems	2	2	-	
5	Planning and design of irrigation systems	4	4	-	
6	Hydrological cycle	2	2	-	
7	Precipitation	2	2	-	
8	Hydrological losses	2	2	-	
9	Hydrograph	2	2	-	
10	Sprinkler irrigation	2	2	-	
Total		**28**	**28**	**-**	

- Topics taught as a percentage of the content specified: 100%
- Lecturers commitment of the course content: 95%

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
4	Research Assignment	√

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	20.%
2	Oral Examination	0%
3	Practical Examination	0%
4	Semester work	20%
5	Other types of assessment	0%
6	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	Lab Facilities	√
3	White Board	√
4	Data Show System	√

No.	Facility	Choice
7	Wireless Internet	√
8	Presenter	√
9	Sound System	√
10	Wire-Internet	√

4- Administrative Constraints:

No.	Constraints
1	**Finance**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**82%**

6- Course enhancement suggestions

No.	Suggestions
1	**Improve lecture notes**
2	**Integrating work experiences with education.**
3	**Transplant And Assess Pedagogy Utilizing Such Technologies To Enhance Students' Learning.**

7- Comments from external evaluator(s) (if exists):

No.	Comments
1	**This courses is not followed to define the percentage of credit hours for communication hours**

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	**Using online course material.**
2	**Provide training on how to use a new teaching technology in their classes.**

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	**Use Laboratory to perform practical work**	**The coarse doesn't contain practical hours**

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	**Teaching Methods**	**Use Small groups for designing channels**	**2021-2022**	**Dr. Hamdy El Ghandor**

Course Coordinator: Assc. Prof. Hamdy El Ghandor

Head of Department: Assc. Prof. Mohamed Gabr

Date of Approval: 7- 2021

Annual Course Report: Reinforced Concrete 1

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering department
Department Responsible for the Course	Civil Engineering department
Course Code	CIE 306
Year/ Level	Third level-second term
Specialization	Major
Authorization data of course report	7/2019
Exam Committee Selection Rule	Dr. Shady Ragheb
External Revision of Examination	--
Lecturers Number:	1

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	3 hours	2 hours/week	-

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		144	100%
Students completing the course		138	95.83%
Results	**Passed**	126	91.30%
	Failed	12	8.69%
Grading of successful students	**Excellent**	7	5.07%
	Very Good	34	24.64%
	Good	38	27.54%
	Pass	47	34.06%

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**lecture**
1	Introduction, materials, properties	2	2	-	Dr. Shady Ragheb
2	Design methods and requirements.	2	2	-	
3	Load distribution	4	4	-	
4	Bond length between concrete and steel bars	4	4	-	
5	Loading analysis and design	4	4	-	
6	Limit state design method (Flexural analysis and design, shear and design, etc. Loading analysis and design)	4	4	-	
7	Design of Beams and design of solid slabs One and two way slabs	4	4	-	
8	Short columns	4	4	-	
Total		**28**	**28**	**-**	

- Topics taught as a percentage of the content specified: 95%
- Lecturers commitment of the course content: 98 %

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
4	Research Assignment	√
5	Case Studies	√

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	20%
2	Practical Examination	0%
3	Semester work	20%
4	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	White Board	√
3	Data Show System	√
4	Presenter	√

No.	Facility	Choice
5	Sound System	√
6	Wire-Internet	√
7	Wireless Internet	√

4- Administrative Constraints:

No.	Constraints
1	**Finance**
2	**Equipment**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**72%**

6- Course enhancement suggestions

No.	Suggestions
1	**Improve lecture notes**
2	**Integrating work experiences with education.**

7- Comments from external evaluator(s) (if exists):

No.	Comments
1	**This courses is not followed to define the percentage of credit hours for communication hours**

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	**Using online course material.**
2	**Provide training on how to use a new teaching technology in their classes.**

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	**More field visits for more learning about the coarse**	**No practice in the coarse**

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	**Teaching methods**	**Use several codes of practice in the design**	**2021-2022**	Dr. Shady Ragheb

Course Coordinator: Dr. Shady Ragheb

Head of Department: Ass. Prof. Mohamed Gabr

Date of Approval: 7/2021

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	**Field visits**	**No practice hours**

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	Study cases	Students make a small projects from what they learnt	2021-2022	**Dr/ Ayman Helal**

Course Coordinator: Dr/ Ayman Helal

Head of Department: Ass. Prof. Mohamed Gabr

Date of Approval: 7/2021

Annual Course Report: Surveying2

A. Basic Information

Program Title	Civil Engineering Program
Department offering the Program	Civil Engineering Department
Department Responsible for the Course	Civil Engineering Department
Course Code	CIE 307
Level / Semester	Third level / Second Term
Specialization	Major
Authorization date of course report	7/2021
Exam Committee Selection Rule	Dr. Ayman Helal
External Revision of Examination	--
Lecturers Number:	1

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	2 hours/week	1 hours/week	1 hours/week

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		156	100%
Students completing the course		154	98.72%
Results	**Passed**	134	87.01%
	Failed	20	12.99%
Grading of successful students	**Excellent**	36	23.38%
	Very Good	35	22.73%
	Good	29	18.83%
	Pass	34	22.08%

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**Lecture**
1	Indirect methods for distance measurement: Stadia method-tangent methods-substance bar. Practical: Measuring distances using Tachometry (stadia hair method – tangential)	2	1	6	Dr.Ayman Helal
2	Setting out of horizontal and vertical curves	4	2	-	
3	Introduction to theory of errors and error analysis of surveying measurements. Computations of areas and volumes of earth work in construction sites.	6	3	-	
4	Coordinate systems and	6	3	-	Dr. Ayman

	transformations coordinate computations : Polar method-intersection-resection				
5	Modern methods for distance measurements: Distance measurement (EDM) and total stations. Practical: Total station	4	2	2	
6	Setting out of engineering projects.	2	1	-	
7	Course Project Practical: Traverses work	4	2	6	
Total		**28**	**14**	**14**	

- Topics taught as a percentage of the content specified: 85%
- Lecturers commitment of the course content: 95%

Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Practical	√
3	Case Studies	√

Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	10%
2	Practical Examination	10%
3	Semester work	20%
4	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	Lab Facilities	√
3	White Board	√

No.	Facility	Choice
4	DataShow System	√
5	Presenter	√
6	Sound System	√

4- Administrative Constraints:

No.	Constraints
1	Equipment

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	82%

6- Course enhancement suggestions

No.	Suggestions
1	Purchasing a G.P.S system
2	Changing the course contents

7- Comments from external evaluator(s) (if exists):

No.	Comments
1	**The previous prerequisite is not mentioned**

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	Improving teaching and learning practices

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	Using GPS	Don’t find GPS

No.	Areas of development	Description of development	Completion date	Person responsible
1	E.D.M	Using GPS	2021-2022	**Dr. Ayman Helal**

Course Coordinator: Dr. Ayman Helal

Head of Department: Ass. Prof. Mohamed Gabr

Date of Approval: 2/2021

Annual Course Report: Open Channel Hydraulics

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering Department
Department Responsible for the Course	Civil Engineering Department
Course Code	CIE 401
Year/ Level	Level 4 - Second term
Specialization	Major
Authorization data of course report	7/2021
Exam Committee Selection Rule	Dr. Hamdy El Ghandor
External Revision of Examination	--
Lecturers Number:	1

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	2 hours/ week	1 hour/week	1

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		19	100%
Students completing the course		19	100%
Results	**Passed**	18	94.73%
	Failed	1	5.26%
Grading of successful students	**Excellent**	1	5.26%
	Very Good	7	36.84%
	Good	4	21.05%
	Pass	6	31.57%

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**Lecturer**
1	Introduction – review (pipelines hydraulics)	2	2	-	Dr. Hamdy
2	Principles of hydraulics of open channel flow	2	2	-	
3	Critical flow – velocity distribution – unsteady flow equations	2	2	-	
4	Energy approach Practical: [Hump + Depression]	8	6	4	
5	Momentum approach – rabidly varied flow Practical: [Hydraulic jump]	4	2	2	

6	Surface roughness	4	2	-	El Ghandor
7	Gradually varied flow Practical: [G.V.F]	4	2	2	
8	Hydraulic machines (pump) – Best hydraulic section	2	2	-	
Total		**28**	**20**	**8**	

- Topics taught as a percentage of the content specified: 100%
- Lecturers commitment of the course content: 98%

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
4	Practical	√
5	Research Assignment	√

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	10.%
2	Practical Examination	10%
3	Semester work	20%
4	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	Lab Facilities	√
3	White Board	√
4	Data Show System	√

No.	Facility	Choice
5	Presenter	√
6	Sound System	√
7	Wire-Internet	√
8	Wireless Internet	√

4- Administrative Constraints:

No.	Constraints
1	**Finance**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**82%**

6- Course enhancement suggestions

No.	Suggestions
1	**Improve lecture notes**
2	**Integrating work experiences with education.**
3	**Transplant And Assess Pedagogy Utilizing Such Technologies To Enhance Students' Learning.**

7- Comments from external evaluator(s) (if exists):

No.	Comments
1	**There is no practical description**

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	**Using online course material.**
2	**Provide training on how to use a new teaching technology in their classes.**

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	**Use Laboratory to perform practical work**	**The coarse doesn't contain practical hours**

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	**Teaching Methods**	**Use Small groups for designing channels**	**2021-2022**	**Dr. Hamdy El Ghandor**

Course Coordinator: Dr. Hamdy El Ghandor

Head of Department: Ass. Prof. Mohammed Gabr

Date of Approval: 7/2021

Annual Course Report: Computer Applicationsin civil Engineering

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering Department
Department Responsible for the Course	Civil Engineering Department
Course Code	CIE 405
Year/ Level	4th Level - Second term
Specialization	Major
Authorization data of course report	7/2021
Exam Committee Selection Rule	Ass. Prof. Mohammed Gabr
External Revision of Examination	--
Lecturers Number:	1

	Lectures	**Tutorial**	**Practical**
Teaching Hours	2 hours per week for 14 weeks	0	2 hours per week for 14 weeks

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		129	100%
Students completing the course		127	98.44%
Results	**Passed**	123	95.27%
	Failed	4	3.15%
Grading of successful students	**Excellent**	74	58.26%
	Very Good	26	20.47%
	Good	16	12.59%
	Pass	7	5.51%

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**Lecturer**
1	Study of theoretical models for the analysis of structures. Practical: analyze beams, frames, trusses and slabs	4	-	4	**Ass. Prof. Mohammed Gabr**
2	Study of how to choose suitable methods for analysis of various structures. Practical: choose suitable methods for designing beams, frames, trusses and slabs	4	-	4	
3	Preparation of simple	4	-	4	

	programs based on these models. Practical: design programs for structure analysis using excel or matlab				
4	Study of available programs and modifying them for analysis of certain problems. Practical: solving some hydraulic problems	6	-	6	
5	Training on the use of available commercial software programs. Practical: using sap, excel, Epanet	6	-	6	
6	Computer applications. Practical: choosing a civil engineering case	4	-	4	
Total		**28**	**-**	**28**	

- Topics taught as a percentage of the content specified: 90%
- Lecturers commitment of the course content: 95%

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
4	Practical	√
5	Research Assignment	√
6	Case Studies	√

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	10.%
3	Practical Examination	10%
4	Semester work	20%
6	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√

No.	Facility	Choice
7	Presenter	√

2	Lab Facilities	√	8	Sound System	√
3	White Board	√	9	Wire-Internet	√
4	Data Show System	√	10	Wireless Internet	√

4- Administrative Constraints:

No.	Constraints
1	**Finance**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**79%**

6- Course enhancement suggestions

No.	Suggestions
1	**Improve lecture notes**
2	**Integrating work experiences with education.**
3	**Transplant And Assess Pedagogy Utilizing Such Technologies To Enhance Students' Learning.**

7- Comments from external evaluator(s) (if exists):

No.	Comments
1	**References need update**

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	**Using online course material.**
2	**Provide training on how to use a new teaching technology in their classes.**

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	**Designing a complete software by applications tought**	**Lack of resources**

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	**Add more neural networks(NNs) applications**	**Use neural applications in the coarse**	**2021-2022**	**Ass. Prof. Mohammed Gabr**

Course Coordinator: Dr. Mohamed Gabr

Head of Department: Ass. Prof. Mohammed Gabr

Date of Approval: 7 / 2021

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Annual Course Report:Steel structures Design (2)

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering department
Department Responsible for the Course	Civil Engineering department
Course Code	CIE 407
Year/ Level	Fourth level - second term
Specialization	Major
Authorization data of course report	7/2021
Exam Committee Selection Rule	Dr. Mohammed elgandor
External Revision of Examination	--
Lecturers Number:	2

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	3hours	2 hours/week	-

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		116	100%
Students completing the course		116	100%
Results	**Passed**	112	96.55%
	Failed	4	3.45%
Grading of successful students	**Excellent**	33	28.44%
	Very Good	45	38.79%
	Good	16	13.79%
	Pass	18	15.52%

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**lecture**
1	Steel frames design	8	4	-	Dr.Mohammed elgandor
2	Riveted and bolted connections	4	3	-	
3	High strength bolted connections	4	3	-	
4	Welded connections	6	4	-	
5	Base connections	8	6	-	
6	Roof trusses	4	2	-	
7	Rigid frames design	8	6	-	
Total		**42**	**28**	**-**	

- Topics taught as a percentage of the content specified: 90 %
- Lecturers commitment of the course content: 100%

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
5	Research Assignment	√
7	Case Studies	√

- Student Assessment:

No.	evaluation method	Weights
1	Mid-term examination	20%
2	Semester work	20%
3	Final-term examination	60%
TOTAL		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	White Board	√
3	Data Show System	√
4	Presenter	√

No.	Facility	Choice
5	Sound System	√
6	Wire-Internet	√
7	Wireless Internet	√

4- Administrative Constraints:

No.	Constraints
1	**Finance**
2	**Equipment**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**78%**

6- Course enhancement suggestions

No.	Suggestions
1	**Improve lecture notes**
2	**Integrating work experiences with education.**
3	**Transplant And Assess Pedagogy Utilizing Such Technologies To Enhance Students' Learning.**

7- Comments from external evaluator(s) (if exists):

No.	Comments

1	**The previous prerequisite is not mentioned**

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	**Using online course material.**
2	**Provide training on how to use a new teaching technology in their classes.**

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	**More field visits for more learning about the coarse**	**No practice in the coarse**

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	**Teaching methods**	**Make 3D models for the ease of explaining the coarse**	**2021-2022**	Dr.Mohammed elgandor

Course Coordinator: Dr. Mohammed elgandor

Head of Department: Ass. prof. Mohamed Gabr

Date of Approval: 7/2021

Annual Course Report: Reinforced Concrete 3

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering Department
Department Responsible for the Course	Civil Engineering Department
Course Code	CIE 408
Year/ Level	Level 4 - Second term
Specialization	Major
Authorization data of course report	7/2021
Exam Committee Selection Rule	Dr. Hamdy Abd-elatty
External Revision of Examination	--
Lecturers Number:	1

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	3 hours/ week	2 hour/week	0

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		155	100%
Students completing the course		150	96.33%
Results	**Passed**	134	89.33%
	Failed	16	10.66%
Grading of successful students	**Excellent**	5	3.33%
	Very Good	31	20.66%
	Good	57	38%
	Pass	41	27.33%

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**Lecturer**
1	Design of halls with beam girders and long column	9	6	-	Dr. Hamdy Abd-elatty
2	Design of frames	9	6	-	
3	Design of arches (slab and girder)	9	6	-	
4	Design of trusses	6	4	-	
5	Design of vierendeel girder	6	4	-	
6	Design of saw tooth roofs	3	2	-	
Total		**42**	**28**	**-**	

- Topics taught as a percentage of the content specified: 80%
- Lecturers commitment of the course content: 80 %

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
4	Research Assignment	√

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	20.%
4	Semester work	20%
6	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	White Board	√
3	Data Show System	√
4	Presenter	√

No.	Facility	Choice
5	Sound System	√
6	Wire-Internet	√
7	Wireless Internet	√

4- Administrative Constraints:

No.	Constraints
1	**Finance**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**64%**

6- Course enhancement suggestions

No.	Suggestions
1	**Improve lecture notes**
2	**Integrating work experiences with education.**
3	**Transplant And Assess Pedagogy Utilizing Such Technologies To Enhance Students' Learning.**

7- Comments from external evaluator(s) (if exists):

No.	Comments
1	**The previous prerequisite is not mentioned**

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	**Using online course material.**
2	**Provide training on how to use a new teaching technology in their classes.**

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	**More field visits for more learning about the coarse**	**No practice in the coarse**

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	**Teaching methods**	**Use several codes of practice in the design**	**2021-2022**	Dr. Hamdy Abd-elatty

Course Coordinator: Dr. Hamdy Abd-elatty

Head of Department: Ass. Prof. Mohammed Gabr

Date of Approval: 7/2021

Design of lighting Systems for buildings

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering department
Department Responsible for the Course	Civil Engineering department
Course Code	CIE 413
Year/ Level	Fourth level - Second term
Specialization	Minor
Authorization data of course report	2/2021
Exam Committee Selection Rule	Dr. Rabab Reda
External Revision of Examination	--
Lecturers Number:	1

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	2hours	2 hours/week	-

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		123	100%
Students completing the course		121	98.37%
Results	**Passed**	115	95.04%
	Failed	6	4.96%
Grading of successful students	**Excellent**	19	15.70%
	Very Good	47	38.84%
	Good	30	24.79%
	Pass	19	15.70%

2. Course Teaching:

No	**Topics actually taught**	**No. of hours**			**Lecturer**
		Lecture	**Tutorial/ Practical**	**Total**	
1	Principles of lighting	2	2	-	Dr. Rabab Reda
2	lighting design for buildings which includes artificial lighting, point, line and area light sources, types and properties of luminaries, polar curves	6	6	-	
3	design methods and calculations, glare index	4	4	-	
4	lighting design standard	4	4	-	
5	luminaire heat recovery system and lighting energy management	6	6	-	

6	hybrid lighting	2	2	-	
7	daylighting of buildings,	2	2	-	
8	effect of climate on lighting	2	2	-	
Total hours		**26**	**26**	**52**	

- Topics taught as a percentage of the content specified: 90 %
- Lecturers commitment of the course content: 100 %
- Coverage of exam topics to course content: 90 %
- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
4	Practical	√
5	Research Assignment	√
6	Field Visits	×
7	Case Studies	√
8	Smart Sessions	×

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	20%
2	Practical Examination	0%
3	Semester work	20%
4	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	Lab Facilities	×
3	White Board	√
4	Data Show System	√
5	Visualizer	×
6	Smart Board	×

No.	Facility	Choice
7	Wireless Board	×
8	Presenter	√
9	Sound System	√
10	Wire-Internet	√
11	Wireless Internet	√
12	…	×

4- Administrative Constraints:

No.	Constraints
1	**Finance**
2	**Equipment**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**75%**

6- Course enhancement suggestions

No.	Suggestions
1	**Improve lecture notes**
2	**Integrating work experiences with education.**

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Annual Course Report: Soil Mechanics and Foundation

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering department
Department Responsible for the Course	Civil Engineering department
Course Code	CIE 501
Year/ Level	Fifth level-second term
Specialization	Major
Authorization data of course report	7/2021
Exam Committee Selection Rule	Dr. Hany Hashish
External Revision of Examination	--
Lecturers Number:	1

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	2 hours	2hours/week	-

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		134	100%
Students completing the course		131	97.76%
Results	**Passed**	100	76.33%
	Failed	31	23.66%
Grading of successful students	**Excellent**	16	12.21%
	Very Good	23	17.55%
	Good	30	22.90%
	Pass	31	23.66%

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**lecture**
1	Stresses in soil mass	2	2	-	Dr. Hany Hashish
2	Consolidation of soil	4	4	-	
3	Settlement and contact pressure	4	4	-	
4	Lateral earth pressure	2	2	-	
5	Slope stability	4	4	-	
6	Retaining walls – sheet piles	4	4	-	
7	Soil bearing capacity	4	4	-	
8	foundation for structures	4	4	-	
Total		**28**	**28**	**-**	

- Topics taught as a percentage of the content specified: 98%
- Lecturers commitment of the course content: 95 %

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
4	Research Assignment	√
5	Case Studies	√

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	20%
2	Practical Examination	0%
2	Semester work	20%
3	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
3	White Board	√
4	Data Show System	√

No.	Facility	Choice
7	Sound System	√
9	Wire-Internet	√
10	Wireless Internet	√

4- Administrative Constraints:

No.	Constraints
1	**Finance**
2	**Equipment**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**78%**

6- Course enhancement suggestions

No.	Suggestions
1	**Improve lecture notes**
2	**Integrating work experiences with education.**
3	**Transplant And Assess Pedagogy Utilizing Such Technologies To Enhance Students' Learning.**

7- Comments from external evaluator(s) (if exists):

No.	Comments
1	**References need update**

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	**Using online course material.**

2	**Provide training on how to use a new teaching technology in their classes.**

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	**Use the laboratory for teaching the soil mechanics experiments**	**No practice in the coarse**

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	**Teaching methods**	**Let students use researches over the web for more learning over the soil mechanics**	**2021-2022**	Dr. Hany Hashish

Course Coordinator: Dr. Hany Hashish

Head of Department: Ass. Prof. Mohamed Gabr

Date of Approval: 7/2021

Annual Course Report: Legal, professional, and social aspects of engineering `

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering Department
Department Responsible for the Course	Civil Engineering Department
Course Code	(CIE 503)
Year/ Level	5th level – second term
Specialization	Major
Authorization data of course report	7/2021
Exam Committee Selection Rule	Dr-Abdo EL-Naqib
External Revision of Examination	--
Lecturers Number:	1

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	2 hours	2 hour/week	-

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		43	100%
Students completing the course		42	97.67%
Results	**Passed**	38	90.47%
	Failed	4	9.52%
Grading of successful students	**Excellent**	5	11.90%
	Very Good	3	7.14%
	Good	7	16.66%
	Pass	23	54.76%

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**Lecturer**
1	Building and construction contracts procedure	4	4	-	
2	Types of construction contracts	4	4	-	
3	General conditions of contracts and contract documents.	6	6	-	
4	Legal obligations and governing international and Egyptian legislation	4	4	-	
5	The role of the architect/ engineer in the construction process.	2	2	-	
6	The developments of the concepts of professionalism and ethics	4	4	-	
7	Case historical will be discussed	4	4	-	**Dr-Abdo EL-Naqib**
Total		**28**	**28**	**-**	

- Topics taught as a percentage of the content specified: 100%
- Lecturers commitment of the course content: 98%

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
4	Research Assignment	√
5	Case Studies	√

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	20%
4	Semester work	20%
6	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	White Board	√
3	Data Show System	√
4	Presenter	√

No.	Facility	Choice
5	Sound System	√
6	Wire-Internet	√
7	Wireless Internet	√

4- Administrative Constraints:

No.	Constraints
1	**Finance**
2	**Equipment**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**76%**

6- Course enhancement suggestions

No.	Suggestions
1	**Improve lecture notes**
2	**Integrating work experiences with education.**
3	**Transplant And Assess Pedagogy Utilizing Such Technologies To Enhance Students' Learning.**

7- Comments from external evaluator(s) (if exists):

No.	Comments

1	**References need update**

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	**Using online course material.**
2	**Provide training on how to use a new teaching technology in their classes.**

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	**Merge between professional work and the subject**	**The subject is clearly expressing of its content**

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	**Teaching methods**	**Use more learning methods beside text book**	**2021-2022**	**Dr / Abdo EL-Naqib**

Course Coordinator: Dr. Abdo EL-Naqib

Head of Department: Ass. Prof. Mohammed Gabr

Date of Approval: 7/2021

Annual Course Report: Design of Irrigation works

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering Department
Department Responsible for the Course	Civil Engineering Department
Course Code	CIE 504
Year/ Level	Level Five - Second term
Specialization	-
Authorization data of course report	7/2021
Exam Committee Selection Rule	Dr. Samer El-abd
External Revision of Examination	--
Lecturers Number:	1

	Lectures	**Tutorial**	**Practical**
Teaching Hours	2 hours per week for 14 weeks	2 hours	0

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		73	100%
Students completing the course		67	91.78%
Results	**Passed**	45	67.16%
	Failed	22	32.83%
Grading of successful students	**Excellent**	2	2.98%
	Very Good	7	10.44%
	Good	7	10.44%
	Pass	29	43.28%

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**Lecturer**
1	Introduction	2	2	-	Dr. Samer El-abd
2	Retaining walls	4	4	-	
3	Gravity retaining walls	2	2	-	
4	Reinforced concrete R.W.	2	2	-	
5	Reinforced concrete bridges	2	2	-	
6	Rolled steel joist bridge	2	2	-	
7	Culvert	2	2	-	
8	Syphon	4	4	-	
9	Dams	4	4	-	
10	Heading up works	4	4	-	
Total		**28**	**28**	**-**	

- Topics taught as a percentage of the content specified: 95%
- Lecturers commitment of the course content: 95%

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
4	Research Assignment	√

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	20.%
2	Semester work	20%
3	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	White Board	√
3	Data Show System	√

No.	Facility	Choice
4	Presenter	√
5	Sound System	√
6	Wire-Internet	√

4- Administrative Constraints:

No.	Constraints
1	**Finance**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**74%**

6- Course enhancement suggestions

No.	Suggestions
1	**Improve lecture notes**
2	**Integrating work experiences with education.**
3	**Transplant And Assess Pedagogy Utilizing Such Technologies To Enhance Students' Learning.**

7- Comments from external evaluator(s) (if exists):

No.	Comments
1	The previous prerequisite is not mentioned

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	Using online course material.
2	Provide training on how to use a new teaching technology in their classes.

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	Use 3D models for irrigation works	Lack or resources

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	Students numbers	Decrease the number of students in classrooms	2021-2022	Dr. Samer El-abd

Course Coordinator: Dr. Samer El-abd

Head of Department: Prof. Mohammed Gabr

Date of Approval: 7/2021

Annual Course Report: Inland Navigation and Harbor Engineering

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering Department
Department Responsible for the Course	Civil Engineering Department
Course Code	CIE 506
Year/ Level	Fifth level - Second term
Specialization	Major
Authorization data of course report	7/2021
Exam Committee Selection Rule	Prof. Dr. Osami Rageh
External Revision of Examination	--
Lecturers Number:	1

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	2 hours	2 hours/week	0

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		88	100 %
Students completing the course		84	95.45 %
Results	**Passed**	76	90.47%
	Failed	8	9.52%
Grading of successful students	**Excellent**	20	23.80 %
	Very Good	18	21.42 %
	Good	13	15.47 %
	Pass	24	28.57 %

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**Lecturer**
1	Wind and current – tide - Wave theories	8	8	-	Prof. Dr. Osami Rageh
2	Surf zone hydrodynamics	2	2	-	
3	Wave forces	4	4	-	
5	Harbor planning	2	2	-	
6	Design of breakwater	4	4	-	
7	Design of quay walls	4	4	-	
8	Ship repair structures	2	2	-	
9	Inland navigation	2	2	-	
Total		**28**	**28**	**-**	

- Topics taught as a percentage of the content specified: 95%
- Lecturers commitment of the course content: 97%

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
5	Research Assignment	√
7	Case Studies	√

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	20%
2	Semester work	20%
3	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	White Board	√
3	Data Show System	√
4	Presenter	√

No.	Facility	Choice
5	Sound System	√
6	Wire-Internet	√
7	Wireless Internet	√

4- Administrative Constraints:

No.	Constraints
1	**Finance**
2	**Equipment**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**82%**

6- Course enhancement suggestions

No.	Suggestions
1	**Improve lecture notes**
2	**Integrating work experiences with education.**
3	**Transplant And Assess Pedagogy Utilizing Such Technologies To Enhance Students' Learning.**

7- Comments from external evaluator(s) (if exists):

No.	Comments
1	**The previous prerequisite is not mentioned**

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	**Using online course material.**
2	**Provide training on how to use a new teaching technology in their classes.**

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	**Visiting the filed for more knowledge in the coarse**	**No practical hours in the coarse specifications**

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	**Teaching techniques**	**Use 3D models for harbors to ease the learning of the coarse**	**2021-2022**	Prof. Dr. Osami Rageh

Course Coordinator: Prof. Dr. Osami Rageh

Head of Department: Ass. prof. Mohammed Gabr

Date of Approval: 7/2021

Annual Course Report: Environmental Pollution Control

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering Department
Department Responsible for the Course	Civil Engineering Department
Course Code	CIE 521
Year/ Level	Level 4 – Second term
Specialization	Major
Authorization data of course report	7/2021
Exam Committee Selection Rule	Ass. Prof. Mohamed Gabr
External Revision of Examination	--
Lecturers Number:	1

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	2 hours/ week	2 hour/week	0

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		29	100%
Students completing the course		29	100%
Results	**Passed**	28	96.55%
	Failed	1	3.44%
Grading of successful students	**Excellent**	14	48.27%
	Very Good	5	17.24%
	Good	4	13.79%
	Pass	5	17.24%

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**Lecture**
1	Introduction to soil, water, air and radiation pollution and sewerage system design	4	4	-	**Ass. Prof. Mohamed Gabr**
2	Sewerage pump station design	4	4	-	
3	Wastewater treatment plant design (Primary treatment, deceleration tank, screen, approach channel, grit removal chamber, design of proportional weir, and primary sedimentation tank)	12	12	-	
4	Wastewater treatment plant (secondary treatment)	4	4	-	
5	Introduction to environmental control and assessment of environmental impact. Case studies	4	4	-	
Total		**28**	**28**	**-**	

- Topics taught as a percentage of the content specified: 100 %
- Lecturers commitment of the course content: 97%

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
4	Research Assignment	√

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	20.%
2	Oral Examination	0%
3	Practical Examination	0%
4	Semester work	20%
5	Other types of assessment	0%
6	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	White Board	√
3	Data Show System	√
4	Presenter	√

No.	Facility	Choice
5	Sound System	√
6	Wire-Internet	√
7	Wireless Internet	√
8		

4- Administrative Constraints:

No.	Constraints
1	**Finance**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**75%**

6- Course enhancement suggestions

No.	Suggestions
1	**Improve lecture notes**
2	**Integrating work experiences with education.**
3	**Transplant And Assess Pedagogy Utilizing Such Technologies To Enhance Students' Learning.**

7- Comments from external evaluator(s) (if exists):

No.	Comments

1	**References need update**

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	**Using online course material.**
2	**Provide training on how to use a new teaching technology in their classes.**

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	**Field visits for more learning about the course**	**Lack of time during the semester**

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	**Teaching methods**	**More field visits for experimenting**	**2021-2022**	**Ass. Prof. Mohamed Gabr**

Course Coordinator: Ass. Prof. Mohamed Gabr

Head of Department: Ass. Prof. Mohamed Gabr

Date of Approval: 7 - 2021

Annual Course Report: Pavement Design

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering department
Department Responsible for the Course	Civil Engineering department
Course Code	CIE 527
Year/ Level	Fifth level-Second term
Specialization	Major
Authorization data of course report	7/2021
Exam Committee Selection Rule	Ass. Prof. Alla Gabr
External Revision of Examination	--
Lecturers Number:	1

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	2 hours	2 hours/week	-

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		20	100%
Students completing the course		18	90%
Results	**Passed**	13	72.22%
	Failed	5	27.77%
Grading of successful students	**Excellent**	0	0%
	Very Good	0	0%
	Good	3	16.66%
	Pass	10	55.55%

55

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**Lecture**
1	Characteristics of pavement loads.	4	4	-	Ass. Prof. Alla Gabr
2	Stress analysis in pavements.	4	4	-	
3	Design practices, construction, rehabilitation and maintenance.	4	4	-	
4	Optimization of the design of rigid and flexible pavements systems.	4	4	-	
5	Empirical and mechanistic stochastic structural subsystems.	4	4	-	
6	Utility theory, serviceability concept, cost studies, traffic delay, environmental deterioration, rehabilitation and maintenance optimization systems.	8	8	-	
Total		**28**	**28**	**-**	

- Topics taught as a percentage of the content specified: 90%
- Lecturers commitment of the course content: 98%

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
4	Research Assignment	√
5	Case Studies	√

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	20%
2	Semester work	20%
3	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
3	White Board	√
4	Data Show System	√
5	Presenter	√

No.	Facility	Choice
6	Wireless Internet	√
7	Sound System	√
8	Wire-Internet	√

4- Administrative Constraints:

No.	Constraints
1	**Finance**
2	**Equipment**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**69%**

6- Course enhancement suggestions

No.	Suggestions
1	**Improve lecture notes**
2	**Integrating work experiences with education.**
3	**Transplant And Assess Pedagogy Utilizing Such Technologies To Enhance Students' Learning.**

7- Comments from external evaluator(s) (if exists):

No.	Comments

1	**References need update**

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	**Using online course material.**
2	**Provide training on how to use a new teaching technology in their classes.**

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	**Visiting the filed for more knowledge in the coarse**	**No practical hours in the coarse specifications**

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	**More Knowledge**	**Use Charts beside equations in design**	**2021/2022**	**Ass. Prof. Alla Gabr**

Course Coordinator: Ass. Prof. Alla Gabr

Head of Department: Ass. Prof. Ass. Prof. Mohamed Gabr

Date of Approval: 6/2021

Annual Course Report: Project management 2

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering department
Department Responsible for the Course	Civil Engineering department
Course Code	CIE 533
Year/ Level	Forth level-second term
Specialization	Minor
Authorization data of course report	7/2021
Exam Committee Selection Rule	Dr. Hamdy abd alaty
External Revision of Examination	--
Lecturers Number:	1

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	2 hours	2 hours/week	-

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		30	100%
Students completing the course		29	96.66%
Results	**Passed**	28	96.55%
	Failed	1	3.44%
Grading of successful students	**Excellent**	10	34.48%
	Very Good	6	20.68%
	Good	8	27.58%
	Pass	4	13.79%

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**lecture**
1	Evaluation and performance development for construction projects	4	4	-	Dr. Hamdy abd alaty
2	Productivity in construction works	4	4	-	
3	The efficient utilization of project resources	4	4	-	
4	Construction economies	4	4	-	
5	Tenders strategies	6	6	-	
6	Different field application	6	6	-	
Total		**28**	**28**	**-**	

- Topics taught as a percentage of the content specified: 95%
- Lecturers commitment of the course content: 90%

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
5	Research Assignment	√
7	Case Studies	√

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	20%
2	Practical Examination	0%
3	Semester work	20%
4	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	White Board	√
3	Data Show System	√
4	Presenter	√

No.	Facility	Choice
5	Sound System	√
6	Wire-Internet	√
7	Wireless Internet	√

4- Administrative Constraints:

No.	Constraints
1	**Finance**
2	**Equipment**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**74%**

6- Course enhancement suggestions

No.	Suggestions
1	**Improve lecture notes**
2	**Integrating work experiences with education.**
3	**Transplant And Assess Pedagogy Utilizing Such Technologies To Enhance Students' Learning.**

7- Comments from external evaluator(s) (if exists):

No.	Comments
1	**The previous prerequisite is not mentioned**

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	**Using online course material.**
2	**Provide training on how to use a new teaching technology in their classes.**

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	**Use Software programs**	**Lack of resources**

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	**Research**	**Students make researches on the subject**	**2021-2022**	**Dr. Hamdy abd alaty**

Course Coordinator: Dr. Hamdy abd alaty

Head of Department: Ass. prof. Mohamed Gabr

Date of Approval: 7/2021

Technology of concrete constructions

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering Department
Department Responsible for the Course	Civil Engineering Department
Course Code	CIE513
Year/ Level	Fifth level-second term
Specialization	Minor
Authorization data of course report	7/2021
Exam Committee Selection Rule	Dr. Nessren Zakaria
External Revision of Examination	--
Lecturers Number:	1

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	2 hours	2 hours/week	-

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		93	100%
Students completing the course		89	95.70 %
Results	**Passed**	85	95.50%
	Failed	4	4.5%
Grading of successful students	**Excellent**	19	21.35%
	Very Good	23	25.84%
	Good	19	21.35%
	Pass	24	26.97%

2. Course Teaching:

No	**Topics actually taught**	**No. of hours**			**Lecturer**
		Lecture	**Tutorial/Practical**	**Total**	
1	Advantages and limitations of concrete, types of cements and admixtures, batching equipment, types of mixers, ready-mixed concrete, pumping equipment, slip forming, shotcreting	8	8	16	Dr. Nessren Zakaria
2	Casting in lifts, finishing concrete, hot weather concreting, formwork design, methods of curing, strength of concrete, destructive and nondestructive testing of concrete	10	10	20	
3	Durability, repair and maintenance of concrete.	10	10	20	

	Employment of major construction equipment and estimation of their production.				

- Topics taught as a percentage of the content specified: 90 %
- Lecturers commitment of the course content: 100 %
- Coverage of exam topics to course content: 90 %
- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
4	Practical	×
5	Research Assignment	√
6	Field Visits	×
7	Case Studies	√
8	Smart Sessions	×
9	…	×

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	20%
3	Semester work	20%
4	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	Lab Facilities	×
3	White Board	√
4	Data Show System	√
5	Visualizer	×
6	Smart Board	×

No.	Facility	Choice
7	Wireless Board	×
8	Presenter	√
9	Sound System	√
10	Wire-Internet	√
11	Wireless Internet	√
12	…	×

4- Administrative Constraints:

No.	Constraints
1	**Finance**
2	**Equipment**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**75%**

6- Course enhancement suggestions

No.	Suggestions
1	**Improve lecture notes**
2	**Integrating work experiences with education.**
3	**Transplant And Assess Pedagogy Utilizing Such Technologies To Enhance Students' Learning.**

7- Comments from external evaluator(s) (if exists):

No.	Comments
1	**ILOs don't describe the aim of the coarse well**

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	**Using online course material.**
2	**Provide training on how to use a new teaching technology in their classes.**

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	**More field visits for more learning about the coarse**	**No practice in the coarse**

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	**Teaching methods**	**Make 3D models for the ease of explaining the coarse**	**2021-2022**	**Dr. Nessren Zakaria**

Course Coordinator: Dr. Nessren Zakaria

Head of Department: Ass. Prof. Mohamed Gabr

Date of Approval: 7/2021

Ministry of Higher EducationThe
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and Technology

وزارة التعليم العالى
المعهد العالى للهندسة والتكنولوجيا بدمياط
الجديدة

Annual Course Report:Environmental Mangement

A. Basic Information

Program Title	Civil Engineering
Department offering the Program	Civil Engineering Department
Department Responsible for the Course	Basic Sciences and Engineering Department
Course Code	ENG401
Year/ Level	Fourth Level- Second Term
Specialization	Major
Authorization data of course report	7/2021
Exam Committee Selection Rule	Prof. Dr. osami Rageh Dr. Ramadan El-Kateb
External Revision of Examination	--
Lecturers Number:	2

Teaching Hours	**Lectures**	**Tutorial**	**Practical**
	1 hours per week	2	-

B. Specialized information:

1. Statistics

Subject		**No.**	**Percentage**
Students attending the course		103	100%
Students completing the course		98	95.14%
Results	**Passed**	73	74.48%
	Failed	25	25.51%
Grading of successful students	**Excellent**	15	15.30%
	Very Good	8	8.16%
	Good	18	18.36%
	Pass	32	32.65%

2. Course Teaching:

No.	**Topics**	**Lectures**	**Tutorial**	**Practical**	**Lecturer**
1	The importance of studying environmental science – modern technology and its effect on the environment	4	4	-	Prof. Dr. osami Rageh Dr. Ramadan El-Kateb
2	quality of the environment and development elements	2	8	-	
3	sources of environmental pollution and method of control (air pollution – water pollution)	4	8	-	
4	Solid wastes pollution – noise) – economics of environmental pollution control – legislations for the environment protection.	4	8	-	
Total		**14**	**28**	**-**	

- Topics taught as a percentage of the content specified: 100%
- Lecturers commitment of the course content: 100%

- Used Teaching and Learning Methods

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	√
4	Case Studies	√

- Student Assessment:

No.	Assessment Method	Weights
1	Mid Term Examination	20%
2	Semester work	20%
3	Final Term Examination	60%
Total		100%

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	White Board	√
3	Data Show System	√

No.	Facility	Choice
4	Sound System	√
5	Wire-Internet	√
6	Wireless Internet	√

4- Administrative Constraints:

No.	Constraints
1	**Finance**
2	**Equipment**

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	**84%**

6- Course enhancement suggestions

No.	Suggestions
1	**Improve lecture notes**
2	**Integrating work experiences with education.**
3	**Transplant And Assess Pedagogy Utilizing Such Technologies To Enhance Students' Learning.**
4	**Increasing the scientific references which relates to the environment.**

7- Comments from external evaluator(s) (if exists):

No.	Comments

1	**This courses is not followed to define the percentage of credit hours for communication hours**

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	**Provide training on how to use a new teaching technology in their classes.**

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	**Using online course material.**	**Needing of extra internet system and smart boards**

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	**Increase some of scientific reference In the library of the institute**		**2021-2022**	**Prof. Dr. osami Rageh** **Dr. Ramadan El-Kateb**
2	**Visit some water treatment plant and renewable energy.**	**Provide field visits**	**2021-2022**	**Prof. Dr. osami Rageh** **Dr. Ramadan El-Kateb**

Course Coordinator: Prof. Dr. osami Rageh // Dr. Ramadan El-Kateb

Head of Department: Assc. Prof. Mohamed Gabr

Date of Approval: 7 /2021

7- Comments from external evaluator(s) (if exists):

No.	Comments
1	No Clear aim for the coarse
2	ILOs don't describe the aim of the coarse

8- What has been implemented of the student's suggestions in the previous year?

No.	Suggestions
1	Provide training on how to use a new teaching technology in their classes.

9- What has not been implemented of the suggestions (give reasons)?

No.	Suggestions	Reasons
1	Watch a real tenders papers from real projects	No practical in the coarse specification

10- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	Coarse topics	Add more topics related to tenders in practice	2021-2022	Dr. Rabab Reda

Course Coordinator: Dr. Rabab Reda

Head of Department: Ass. Prof. Mohamed Gabr

Date of Approval: 2/2021