



قسم الهندسة الكيميائية
Department of Chemical Engineering



وزارة التعليم العالي
المعهد العالي للهندسة والتكنولوجيا
بدمياط الجديدة

تقارير المقررات قسم الهندسة الكيميائية

إعتماد مجلس القسم لتقارير المقررات قسم الهندسة
الكيميائية

بتاريخ 2023/8/28

إعتماد المجلس العلمي لتقارير المقررات قسم الهندسة
الكيميائية

بتاريخ 2023/11/6





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2022- 2023

تقارير المقررات لقسم الهندسة الكيميائية



Head of the department	Quality Assurance Unit Manager	Dean of the institute
Assoc.Prof.Dr./ Hend Elsayed Gadow	Assoc.Prof.Dr./ Ramadan Abdelghany Elkateb	Prof.Dr./ Osami Elsaeed Rageh



وزارة التعليم العالي
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الفرقة الاعدادية



Annual Course Report: Mathematics 1

A. Basic Information

Program Title	All programs
Department offering the Program	Basic Science and Engineering Department
Department Responsible for the Course	Basic Science and Engineering Department
Course Code	BAS011
Year/ Level	Level 0
Specialization	Major
Authorization data of course report	2/2023
Exam Committee Selection Rule	Commissioning of the Institute of Management
External Revision of Examination	--
Lecturers Number:	1

Teaching hours	Lectures	Exercise	laboratory	Student's load
	2	2	-	4

B. Specialized information:

1. Statistics

Subject	No.	Percentage
Students attending the course	208	100%
Students completing the course	208	100%
Results	Passed	156
	Failed	52
Grading of successful students	Excellent	65
	Very Good	21
	Good	16
	Pass	54

2. Course Teaching:

No.	Topics	Lecture	Exercise	laboratory	Student load
1	vectors algebra - partial fractions - equations theory	2	2	-	8
2	vectors - mathematical induction	2	2	-	4
3	Equations theory –Mathematical Deduction	4	4	-	8



Annual Course Report: Mathematics 1

4	numerical solutions methods (simple repetitive method - Newton and modified Newton's method - intersection method - False position method	4	4	-	8
5	□ Arrays - linear equations systems - Gauss Jordan method for deletion.	4	4	-	8
6	function (definition - theories) - basic trigonometric functions and its inverse - exponential and logarithmic functions	4	4	-	8
7	hyperbolic functions and its inverse - connection (definition - theories) - limits (definition - theories) - derivatives (definition - theories - higher order types)	4	4	-	8
8	- curves drawing - mathematical and engineering derivative applications - undefined formulas - Taylor expansion - MacLean expansion - approximation - introduction in partial derivation.	4	4	-	4
Total		28	28	-	56

- 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	x
6	Field Visits	x
7	Case Studies	x
8	Smart Sessions	x



Annual Course Report: Mathematics 1

- Student Assessment:

No.	Evaluation Method	Marks
1	Periodic exams	30
2	Student load	30
3	Final term examination	90
Total		150

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice	No.	Facility	Choice
1	Lecture Classroom	√	7	Wireless Board	×
3	White Board	√	9	Sound System	√
4	Data Show System	√	10	Wire-Internet	x
5	Visualizer	×	11	Wireless Internet	√
6	Smart Board	×			

4- Administrative Constraints:

No.	Constraints
1	-----

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	89.29%

6- Course enhancement suggestions

No.	Suggestions
1	Increasing student interaction and participation when implementing the course

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

No.	Comments
1	-----

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

No.	Suggestions
1	Adding new applications and practical examples

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

No.	Suggestions	Reasons
1	-----	-----



Annual Course Report: Mathematics 1

10- What has been implemented of the action plan in the previous year?

No.	Areas of development	Description of development	Completion date	Person responsible
1	-Increase Case studies implementation according to social's needed	Added case studies related to course specification	2022-2023	Staff

11- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	Increase of self-education	Assigning students to conduct research on topics related to content	2023-2024	Dr. Reda Abdu

Course Coordinator: Dr. Reda Abdu

Head of Department: Associate prof. Amal El behairy

Date of Approval: 2/2023



Annual Course Report: Mechanics 1

A. Basic Information

Program Title	All programs
Department offering the Program	Basic Science and Engineering Department
Department Responsible for the Course	Basic Science and Engineering Department
Course Code	BAS012
Year/ Level	Level zero
Specialization	Major
Authorization date of course report	2/2023
Exam Committee Selection Rule	Commissioning of the Institute of Management
External Revision of Examination	--
Lecturers Number:	1

Teaching hours	Lectures	Exercise	laboratory	Student's load
	2	2	-	4

B. Specialized information:

1. Statistics

Subject		Percentage
Students attending the course		100
Students completing the course		100
Results	Passed	87.4
	Failed	12.6
Grading of successful students	Excellent	42.4
	Very Good	13.1
	Good	5.6
	Pass	26.3



Annual Course Report: Mechanics 1

2. Course Teaching:

No.	Topics	Lecture	Exercise	laboratory	Student load
1	Introduction to statics. Fundamental concept Basic quantities of unit dimension- System of units Space, Trigonometry and U.S. Customary units, Force. Statics of particle, Statics of Rigid Body, Free body diagrams. Types of forces, Types of system of forces	2	2	-	4
2	Statics of particles Forces on a particle, Addition of vectors, Resultant of several concurrent forces.	2	2	-	4
3	Resolution of a forces into components Rectangular components of a forces, (unit vectors). Addition of forces by summing X and Y components. Equilibrium of a particle, and Newton's first law of motion.	2	2	-	4
4	Problem involving the equilibrium of a practice- free body diagram. Rectangular components of a forces in space, force defined by its magnitude and two points on its line of action. Addition of concurrent forces in space, equilibrium of a particle in space.	2	2	-	4
5	Rigid bodies: equivalent systems of forces. External and internal forces, principle of transmissibility and equivalent forces, vector product of two vectors, vector product expressed in terms of rectangular components	2	2	-	4



Annual Course Report: Mechanics 1

6	Moment of a force about a point. Varignon's theorem, rectangular components of the moment of a force, equivalent systems of forces.	4	4	-	4
7	Equilibrium of rigid bodies Free- body diagram. Equilibrium of a rigid body in two dimensions.	2	2	-	4
8	Equilibrium of three- dimension force body. Reduction of a system of forces to one force and one couple. Equilibrium of a rigid body in three dimensions. Reactions at supports and connections for a two- dimensional and for a three- dimensional structure.	4	4	-	4
9	Centroids and centers of gravity. Centre of gravity of a two- dimensional body, centroids of area and lines, first moments of areas and lines, composite plates and wires.	4	4	-	4
10	Analysis of structures Definition of truss Simple trusses Analysis of trusses by the method of joints	4	4	-	4
Total		28	28	-	56

- Topics taught as a percentage of the content specified: 100%
- Lecturers commitment of the course content 95%
- Coverage of exam topics to course content: 90%

- Used Teaching and Learning Methods

No.	Teaching Methods
1	Lectures
2	Discussion sessions



Annual Course Report: Mechanics 1

3	Information collection from different sources
4	Research assignment

- Student Assessment:

No.	Evaluation Method	Marks
1	Periodic exams	20
2	Student load	20
3	Final term examination	60
Total		100

3. Facilities Required for Teaching and Learning:

No.	Facility
1	Lecture classroom
2	Presenter
3	White board
4	Data show system
5	Wireless internet
6	Sound system

4- Administrative Constraints:

No.	Constraints
1	-----

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	91.65 %

6- Course enhancement suggestions

No.	Suggestions
1	Using online course material.

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

No.	Comments
1	-----

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

No.	Suggestions
1	Introducing recent topics to the course on a permanent and continuous basis



Annual Course Report: Mechanics 1

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

No.	Suggestions	Reasons
1	-----	-----

10- What has been implemented of the action plan in the previous year?

No.	Areas of development	Description of development	Completion date	Person responsible
1	Update content of topics	Add recent topics to the course	2022-2023	staff

11- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	-Increase Case studies implementation according to social's needed	1. Divided Students' groups 2. Evaluation projects	2023-2024	Dr. Moataz Mostafa

Course Coordinator: Dr. Moataz Mostafa
Head of Department: Assoc. Prof. Dr. Amal Behiry
Date of Approval: 2/2023



Annual Course Report: Physics1

A. Basic Information

Program Title	All programs
Department offering the Program	Basic Science and Engineering Department
Department Responsible for the Course	Basic Science and Engineering Department
Course Code	BAS013
Year/ Level	Level zero
Specialization	Major
Authorization date of course report	2/2023
Exam Committee Selection Rule	Commissioning of the Institute of Management
External Revision of Examination	--
Lecturers Number:	1

Teaching hours	Lectures	Exercise	laboratory	Student's load
	2	2	2	4

B. Specialized information:

1. Statistics

Subject	Percentage	
Students attending the course	100	
Students completing the course	100	
Results	Passed	69.68
	Failed	30.32
Grading of successful students	Excellent	15.8
	Very Good	9.5
	Good	11.3
	Pass	33

2. Course Teaching:

No.	Topics	Lecture	Exercise	laboratory	Student load
1	Physics and Measurement Practical: measurement methods	4	4	2	8



Annual Course Report: Physics1

2	Mechanical properties for materials Practical: Hooks' Law	4	4	2	8
3	Oscillations Practical: simple pendulum.	4	4	2	8
4	Sounds. Practical: Resonance in the Air columns.	2	2	4	4
5	Fluids. Practical: Viscosity.	4	4	4	8
6	Heat transfer Practical: Heat & Specific Heat & thermoelectrical equivalent & the latent heat of melting ice.	2	2	6	4
7	The kinetic theory of gases and the work in thermodynamics Practical: melting point of solid materials.	2	2	4	4
8	The laws of thermodynamic Practical: heating and cooling curves.	4	4	2	8
9	Temperature and thermal expansion Practical: coefficient of linear thermal expansion.	2	2	2	4
Total		28	28	28	56

- Topics taught as a percentage of the content specified: 100 %
- Lecturers commitment of the course content: 97 %
- Coverage of exam topics to course content: 92 %
- 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	×



Annual Course Report: Physics1

8	Smart Sessions	×
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- Student Assessment:

No.	Evaluation method	Marks
1	Periodic exams	30
2	final examination	75
3	Practical examination	15
4	Student load	30
Total		150

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice	No.	Facility	Choice
1	Lecture Classroom	√	7	Wireless Board	×
2	Lab Facilities	√	8	Presenter	×
3	White Board	√	9	Sound System	√
4	Data Show System	√	10	Wire-Internet	x
5	Visualizer	×	11	Wireless Internet	√
6	Smart Board	×			

4- Administrative Constraints:

No.	Constraints
1	There are no constraints

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	87.62%

6- Course enhancement suggestions

No.	Suggestions
1	Integrating work experiences with education.

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

No.	Comments
1	-----

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

No.	Suggestions
1	Increase some of scientific reference in the library of the institute



Annual Course Report: Physics1

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

No.	Suggestions	Reasons
	-----	-----

10- What has been implemented of the action plan in the previous 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 physics books in the electronic library of the institute	2022-2023	Dr. Amal Behairy

11- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	Add case studies in lectures	add applications of theoretical theory as case studies	2023-2024	Asso. Prof. Amal Behairy Dr. Ahmed Lotfy

Course Coordinator: Asso. Prof. Amal Behairy
Dr. Ahmed Lotfy

Head of Department: Asso. Prof. Amal Behairy

Date of Approval: 2/2023



Annual Course Report: Engineering Chemistry

A. Basic Information

Program Title	All programs
Department offering the Program	Basic Science and Engineering Department
Department Responsible for the Course	Basic Science and Engineering Department
Course Code	BAS014
Year/ Level	Level zero
Specialization	Major
Authorization date of course report	2/2023
Exam Committee Selection Rule	Commissioning of the Institute of Management
External Revision of Examination	--
Lecturers Number:	1

Teaching hours	Lectures	Exercise	laboratory	Student's load
	2	-	2	4

B. Specialized information:

1. Statistics

Subject	No.	Percentage
Students attending the course	202	100%
Students completing the course	202	100%
Results	Passed	166 82.18%
	Failed	36 17.82%
Grading of successful students	Excellent	41 22.3%
	Very Good	24 11.9%
	Good	34 16.8%
	Pass	63 31.2%

2. Course Teaching:

No.	Topics	Lecture	Exercise	laboratory	Student load
1	Gaseous status. Practical: Chemistry Laboratory Equipment, Titrimetric Analysis.	4	-	4	8



Annual Course Report: Engineering Chemistry

2	Chemical thermodynamics. Practical: Preparation of standard solution of Na_2CO_3 (0.1N), Determination of normality of hcl by using standard solution of oxalic acid.	4	-	4	8
3	Properties of solutions. Practical: Determination of normality of acetic acid by using standard solution of sodium hydroxide, Determination of normality of sodium carbonate by using standard solution of hcl.	4	-	4	8
4	Material balance in combustion processes. Practical: Standardization of potassium permanganate with oxalic acid.	2	-	2	4
5	Dynamic balance in physical and chemical operations. Practical: Determination of nitrites, precipitation titrations.	4	-	4	8
6	Kinetic chemical interactions. Practical: Preparation of 0.05N of sodium chloride.	2	-	2	4
7	Electrochemistry, corrosion and corrosion control. Practical: Determination of chloride ion by using Mohr method.	2	-	2	4
8	Fertilizers. Practical: Determining Molecule Weight by Freezing Point Depression Method.	2	-	2	4
9	Manufacturing and chemistry of Cement. Practical: Determining Molecule Weight by Freezing Point Depression Method.	2	-	2	4
10	Water processes. Practical: determination of water hardness by complex metric titration.	2	-	2	4
Total		28	-	28	56



Annual Course Report: Engineering Chemistry

- 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	x
6	Field Visits	×
7	Case Studies	x
8	Smart Sessions	×

- Student Assessment:

No.	Evaluation Method	Marks
1	Periodic exams	25
2	Student load	25
3	Practical Examination	15
4	Final term examination	60
Total		125

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice	No.	Facility	Choice
1	Lecture Classroom	√	7	Wireless Board	×
2	Lab Facilities	√	8	Presenter	×
3	White Board	√	9	Sound System	√
4	Data Show System	√	10	Wire-Internet	x
5	Visualizer	×	11	Wireless Internet	√
6	Smart Board	×	12	...	×

4- Administrative Constraints:

No.	Constraints
1	-----

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	91.88%



Annual Course Report: Engineering Chemistry

6- Course enhancement suggestions

No.	Suggestions
1	Increase self-learning through MOODEL
2	Enhancement problems presentation

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

No.	Comments
1	-----

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

No.	Suggestions
1	Make all lectures available as videos and pdf
2	More interact with student through MOODEL

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

No.	Suggestions	Reasons
1	-----	-----

10- What has been implemented of the action plan in the previous year?

No.	Areas of development	Description of development	Completion date	Person responsible
1	Increasing problems	Development and increase sheets	2022-2023	Dr Khaled Samir

11- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	Ability to upload reports and sheets	Evaluation of uploaded reports and sheets	2023-2024	Dr Khaled Samir and information systems unit

Course Coordinator: Prof. Dr. Khaled Samir

Head of Department: Associate prof. Aml El-Behiry

Date of Approval: 2/2023



Annual Course Report: Engineering Drawing and Projection

A. Basic Information

Program Title	All programs
Department offering the Program	Basic Science and Engineering Department
Department Responsible for the Course	Basic Science and Engineering Department
Course Code	BAS015
Year/ Level	Level zero
Specialization	Major
Authorization date of course report	2/2023
Exam Committee Selection Rule	Commissioning of the Institute of Management
External Revision of Examination	--
Lecturers Number:	1

Teaching hours	Lectures	Exercise	laboratory	Student's load
	1	-	4	4

B. Specialized information:

1. Statistics

Subject	No.	Percentage
Students attending the course	186	100%
Students completing the course	182	97.85%
Results	Passed	173 93.01%
	Failed	13 6.99%
Grading of successful students	Excellent	57 32.95%
	Very Good	34 19.65%
	Good	30 17.34%
	Pass	52 30.06%

2. Course Teaching:

No.	Topics	Lecture	Exercise	laboratory	Student load
1	Techniques and skills of engineering drawing	1	-	4	4
2	Engineering operations	1	-	4	4



Annual Course Report: Engineering Drawing and Projection

3	Orthogonal projection – Secondary orthogonal	2	-	8	8
4	Intersections	1	-	4	4
5	projections of simple bodies	1	-	4	4
6	rules of writing dimensions	1	-	4	4
7	Deduction of missing projections	1	-	4	4
8	Drawing of engineering sections.	1	-	4	4
9	Steel frames	2	-	8	8
10	Introduction to AutoCAD Fundamentals of engineering drafting by way of computer aided drawing (CAD) software. Basic features and capabilities of CAD software and drafting fundamentals including orthographic projection, and isometric pictorials, part dimensioning in 2 dimensional drawings.	3	-	12	12
Total		14		56	56

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

- Used Teaching and Learning Methods

No.	Teaching Methods
1	Lectures
2	Discussion sessions
3	Information collection from different sources
4	Research assignment



Annual Course Report: Engineering Drawing and Projection

- Student Assessment:

No.	Evaluation Method	Marks
1	Periodic exams	25
2	Student load	25
3	Final-term examination	75
Total		125

3. Facilities Required for Teaching and Learning:

No.	Facility
1	Lecture classroom
2	Presenter
3	White board
4	Data show system
5	Wireless internet
6	Sound system

4- Administrative Constraints:

No.	Constraints
1	-----

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	93.45%

6- Course enhancement suggestions

No.	Suggestions
1	Increasing student interaction and participation when implementing the course

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

No.	Comments
1	-----



Annual Course Report: Engineering Drawing and Projection

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

No.	Suggestions
1	Adding new applications and practical examples

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

No.	Suggestions	Reasons
1	-----	-----

10- What has been implemented of the action plan in the previous year?

No.	Areas of development	Description of development	Completion date	Person responsible
1	Increasing more Exercises	Increasing Exercises, quizzes, and assignments in the next year	2022-2023	Dr. Moataz Mostafa

11- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	Increase case studies related to course content	Add new case studies related to course content	2023-2024	Staff

Course Coordinator: Dr. Moataz Mostafa

Head of Department: Assoc. Prof. Aml Behairy

Date of Approval: 2/2023



Annual Course Report: Introduction to computer systems

A. Basic Information

Program Title	All programs
Department offering the Program	Basic Science and Engineering Department
Department Responsible for the Course	Basic Science and Engineering Department
Course Code	BAS016
Year/ Level	Level 0
Specialization	Major
Authorization data of course report	3/2023
Exam Committee Selection Rule	Commissioning of the Institute of Management
External Revision of Examination	--
Lecturers Number:	1

Teaching hours	Lectures	Exercise	laboratory	Student's load
	2	-	2	4

B. Specialized information:

1. Statistics

Subject		No.	Percentage
Students attending the course		205	100%
Students completing the course		205	100%
Results	Passed	142	69.76%
	Failed	63	30.24%
Grading of successful students	Excellent	2	1%
	Very Good	14	10.2%
	Good	45	16.6%
	Pass	81	42%

2. Course Teaching:

No.	Topics	Lecture	Exercise	laboratory	Student load
1	Computer architecture. practical: Visual Studio C# Interface	2	-	2	4
	Writing simple statements				
2	Computer systems Practical: Variables, Data type	4	-	4	8
3	Files systems Practical: Input & Output	2	-	2	4



Annual Course Report: Introduction to computer systems

4	Computer networks Practical: Conditional Statements	4	-	4	8
5	Internet networks Practical: Arrays	4	-	4	8
6	Data systems and information technology Practical: Loop Statement (For, while & do -while)	4	-	4	8
7	Computer graphics – Multimedia systems Practical: Loop Statement (For, while & do -while)	2	-	2	4
8	Methods of solving problems and logical design for the programs and matrices. Practical: Nested loop	4	-	4	8
9	Engineering applications in programming using one structured programming language. Practical: Engineering Case Study.	2	-	2	4
Total		28		28	56

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

- Used Teaching and Learning Methods

No.	Teaching Methods
1	Lectures
2	Discussion sessions
3	Information collection from different sources
4	Practical
5	Research assignment
6	Case study

- Student Assessment:

No.	Evaluation Method	Marks
1	Periodic exams	20
2	final examination	50
3	Practical examination	10
4	Student load	20
Total		100



Annual Course Report: Introduction to computer systems

3. Facilities Required for Teaching and Learning:

No.	Facility
1	Lecture classroom
2	Presenter
3	White board
4	Data show system
5	Wireless internet
6	Sound system

4- Administrative Constraints:

No.	Constraints
1	-----

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	86.79%

6- Course enhancement suggestions

No.	Suggestions
1	Increase collaborative teaching to solve practical tasks

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

No.	Comments
1	-----

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

No.	Suggestions
1	Increasing student interaction and participation when implementing the course

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

No.	Suggestions	Reasons
1	-----	-----

10- What has been implemented of the action plan in the previous year?

No.	Areas of development	Description of development	Completion date	Person responsible
1	Using computer programs to develop students' applied skills	Preparing various activities that are compatible with students' inclinations and capabilities using computer programs	2022-2023	staff



Annual Course Report: Introduction to computer systems

11- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	Encouraging students to do digital projects	Providing practical exercises that require the student to actually apply the academic content, such as programming projects	2023-2024	Dr. Amira Elsonbaty

Course Coordinator: Dr. Amira Elsonbaty
Head of Department: Assoc. Prof. Dr. Amal Bahiry
Date of Approval: 3/2023



Annual Course Report: Mathematics 2

A. Basic Information:

Program Title	All programs
Department offering the Program	Basic Science and Engineering Department
Department Responsible for the Course	Basic Science and Engineering Department
Course Code	BAS021
Year/ Level	Level 0
Specialization	Major
Authorization data of course report	8/2023
Exam Committee Selection Rule	Commissioning of the Institute of Management
External Revision of Examination	--
Lecturers Number:	1

Teaching hours	Lectures	Exercise	laboratory	Student's load
	2	2	-	4

B. Specialized information:

1. Statistics

Subject	No.	Percentage
Students attending the course	220	100%
Students completing the course	206	93.6%
Results	Passed	161 73.18%
	Failed	59 26.82%
Grading of successful students	Excellent	57 25.9%
	Very Good	22 10%
	Good	17 7.7%
	Pass	65 29.50%

2. Course Teaching:

No.	Topics	Lecture	Exercise	laboratory	Student load
1	equations of second degree and double equation for two straight lines - movement and rotation of axes - groups of unified axes circles	4	4	-	8
2	conical sectors (properties of conical sectors - parabola - ellipse - hyperbola)	6	6	-	12
3	analytical geometry in space - Cartesian coordinates - cylindrical - spherical	2	2	-	4



Annual Course Report: Mathematics 2

4	Plane in space - equations of surfaces in second order - rotation and movement of axes in space.	2	2	-	4
5	indefinite integration (basic functions - theories) - method of integration (direct - indirect)	6	6	-	12
6	- definite integration (definition - properties - theories) -	4	4	-	8
7	applications of definite integration (plain areas - circular volumes - plain technical length)	2	2	-	4
8	Areas - circular surfaces - numerical integration.	2	2	-	4
Total		28	28	-	56

- Topics taught as a percentage of the content specified: 95%
- Lecturers commitment of the course content: 95 %
- 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	x
6	Field Visits	×
7	Case Studies	x
8	Smart Sessions	×

- Student Assessment:

No.	Evaluation Method	Marks
1	Periodic exams	30
2	Student load	30
3	Final term examination	90
Total		150



Annual Course Report: Mathematics 2

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice	No.	Facility	Choice
1	Lecture Classroom	√	7	Wireless Board	×
2	Lab Facilities	√	8	Presenter	×
3	White Board	√	9	Sound System	√
4	Data Show System	√	10	Wire-Internet	x
5	Visualizer	×	11	Wireless Internet	√
6	Smart Board	×			

4- Administrative Constraints:

No.	Constraints
1	-----

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	89.56%

6- Course enhancement suggestions

No.	Suggestions
1	Adding new applications and practical examples

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

No.	Comments
1	-----

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

No.	Suggestions
1	Integrating work experiences with education

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

No.	Suggestions	Reasons
1	More Exercises in the lecture	The Tutorials more than enough to cover exercises

10- What has been implemented of the action plan in the previous 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 text books in the electronic library of the institute	2022-2023	Dr. Reda Abdo



Annual Course Report: Mathematics 2

11- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	Add case studies in lectures	add applications of theoretical theory as case studies	2023-2024	Dr. Reda Abdo

Course Coordinator: Dr. Reda Abdo

Head of Department: Asso. prof. Amal Behairy

Date of Approval: 8/2023



Annual Course Report: Mechanics 2

A. Basic Information

Program Title	All programs
Department offering the Program	Basic Science and Engineering Department
Department Responsible for the Course	Basic Science and Engineering Department
Course Code	BAS022
Year/ Level	Level 0
Specialization	Major
Authorization data of course report	7/2023
Exam Committee Selection Rule	Commissioning of the Institute of Management
External Revision of Examination	--
Lecturers Number:	1

Teaching hours	Lectures	Exercise	laboratory	Student's load
	2	2	-	4

B. Specialized information:

1. Statistics

Subject	No.	Percentage
Students attending the course	218	100%
Students completing the course	218	100%
Results	Passed	171 78.44%
	Failed	47 21.56%
Grading of successful students	Excellent	74 33.90%
	Very Good	17 7.80%
	Good	19 8.70%
	Pass	61 28.00%

2. Course Teaching:

No.	Topics	Lecture	Exercise	laboratory	Student load
1	Position, Displacement, Velocity, and Acceleration of particle	4	4	-	8
2	Plane Motion Path of Particle	2	2	-	4
3	Description of plane motion using Cartesian axes	2	2	-	4



Annual Course Report: Mechanics 2

4	Projectiles	2	2	-	4
5	Relative motion between particles	2	2	-	4
6	Motion for particle in circular path	2	2	-	4
7	Newton's second law of motion	4	4	-	8
8	Principle of work and energy of motion	4	4	-	8
9	Principle of conservation of mechanical energy	2	2		4
10	Principle of Impulse and Momentum of rigid body	4	4		8
Total		28	28	-	56

- Topics taught as a percentage of the content specified: **94%**

- 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	Practical	x
5	Research Assignment	x
6	Field Visits	×
7	Case Studies	x
8	Smart Sessions	×

- Student Assessment:

No.	Evaluation Method	Marks
1	Periodic exams	20
2	Student load	20
3	Final term examination	60
Total		100



Annual Course Report: Mechanics 2

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	x
11	Wireless Internet	√

4- Administrative Constraints:

No.	Constraints
1	-----

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	91.55 %

6- Course enhancement suggestions

No.	Suggestions
1	Increase some exercises

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

No.	Comments
1	دور في المادة والذي ليس له seminar بالنسبة للوسائل المستخدمة للتعليم و التعلم تم ذكر

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

No.	Suggestions
1	Transplant And Assess Pedagogy Utilizing Such Technologies To Enhance Students' Learning.

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

No.	Suggestions	Reasons
1	-----	-----



Annual Course Report: Mechanics 2

10- What has been implemented of the action plan in the previous year?

No.	Areas of development	Description of development	Completion date	Person responsible
1	Increase Case studies implementation according to social's needed	1. Divided Students' groups 2. Evaluation projects	2022-2023	Dr. Moataz Mostafa

11- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	Increase some exercises	Increase some exercises	2023-2024	Dr/Moataz Mostafa

Course Coordinator: Dr. Moataz Mostafa

Head of Department: Assoc. Prof. Dr. Amal Behairy

Date of Approval: 7/2023



Annual Course Report: Physics 2

A. Basic Information

Program Title	All programs
Department offering the Program	Basic Science and Engineering Department
Department Responsible for the Course	Basic Science and Engineering Department
Course Code	BAS023
Year/ Level	Level 0
Specialization	Major
Authorization data of course report	7/2023
Exam Committee Selection Rule	Commissioning of the Institute of Management
External Revision of Examination	--
Lecturers Number:	1

Teaching hours	Lectures	Exercise	laboratory	Student's load
	2	2	2	4

B. Specialized information:

1. Statistics

Subject		Percentage
Students attending the course		100%
Students completing the course		100
Results	Passed	76.99
	Failed	23.01
Grading of successful students	Excellent	23.5
	Very Good	8.4
	Good	9.7
	Pass	35.4

2. Course Teaching:

No.	Topics	Lecture	Exercise	laboratory	Student load
1	Basic of electricity. Practical: measurement devices in electrical conductivity.	2	2	4	4
2	Column's law and Gauss's law. Practical: sensitivity of galvanometer.	4	4	2	8
3	Capacitors and capacitance. Practical: capacitors and capacitance	2	2	2	4



Annual Course Report: Physics 2

4	Currents and Resistance. Practical: ohm's law - series connection & parallel connection & resistance colour code & meter bridge - voltmeter resistance.	4	4	10	8
5	Magnetic field and magnetic force. Practical: the inverse square law in magnetism.	4	4	2	8
6	The nature and propagation of light. Practical: the glass prism.	4	4	2	8
7	Optical fiber. Practical: the glass prism.	2	2	2	4
8	Introduction to Quantum theory.	2	2	0	4
9	Laser. Practical:	2	2	0	4
10	Lenses and mirrors. Practical: spherometer-mirrors and lenses.	2	2	4	4
Total		28	28	28	56

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

- Used Teaching and Learning Methods

No.	Teaching Methods
1	Lectures
2	Discussion sessions
3	Information collection from different sources
4	Research assignment

- Student Assessment:

No.	Evaluation Method	Marks
1	Periodic exams	30
2	final examination	75
3	Practical examination	15
4	Student load	30
Total		150



Annual Course Report: Physics 2

3. Facilities Required for Teaching and Learning:

No.	Facility
1	Lecture classroom
2	Laboratory
3	Presenter
4	White board
5	Data show system

4- Administrative Constraints:

No.	Constraints
1	-----

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	89.43%

6- Course enhancement suggestions

No.	Suggestions
1	Improve lecture notes

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

No.	Comments
1	-----

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

No.	Suggestions
1	Integrating work experiences with education.

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

No.	Suggestions	Reasons
1	-----	-----

10- What has been implemented of the action plan in the previous year?

No.	Areas of development	Description of development	Completion date	Person responsible
1	Applying self-learning and developing the educational process	Increasing brainstorming with lectures and lectures through quizzes and reports	2022-2023	Dr. Amal Bahiry Dr. Ahmed Lotfy



Annual Course Report: Physics 2

11- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	library of the institute	Increase some of scientific reference	2023-2024	Assoc. Prof. Amal Behairy
2	Development of the Physics Lab	1- Maintenance of laboratory equipment to improve the efficiency of practical experiments 2- Increase the laboratory technician for the required maintenance 3- Increase hands-on experiments		Dr. Ahmed Lotfy

Course Coordinator: Assoc. Prof. Amal Behairy

Dr / Ahmed Lotfy

Head of Department: Assoc. Prof. Dr / Amal Bahiry

Date of Approval: 7/2023



Annual Course Report: Production Engineering

A. Basic Information

Program Title	All programs
Department offering the Program	Basic Science and Engineering Department
Department Responsible for the Course	Basic Science and Engineering Department
Course Code	BAS024
Year/ Level	Level 0
Specialization	Major
Authorization data of course report	7/2023
Exam Committee Selection Rule	Commissioning of the Institute of Management
External Revision of Examination	--
Lecturers Number:	1

Teaching hours	Lectures	Exercise	laboratory	Student's load
	3	-	2	4

B. Specialized information:

1. Statistics

Subject	No.	Percentage
Students attending the course	219	100%
Students completing the course	219	100%
Results	Passed	174 79.45%
	Failed	45 20.55%
Grading of successful students	Excellent	67 30.6%
	Very Good	31 14.2%
	Good	19 8.7%
	Pass	57 26%

2. Course Teaching:

No.	Topics	Lecture	Exercise	laboratory	Student load
1	The engineering substances and its properties Practical: engineering materials	3	-	2	4
2	Heating and cooling diagrams Practical: iron and steel production	3	-	2	4



Annual Course Report: Production Engineering

3	Heating equilibrium diagrams Practical: heat treatment	3	-	2	4
4	Alloys - Casting operation (sand casting and the preparation of the mold) Practical: metal casting & mold for a sand casting & carpenter workshop	6	-	4	4
5	Forming processes (cold and hot forming: forging rolling – Wire drawing – Blanking and piercing - Deep drawing - The extrusion) Practical: metal forming	6	-	4	4
6	Processes of metal connections (the riveting – welding with its types sticking) Practical: metal joining process	6	-	2	4
7	Cutting machining: Lathing - Shaping – Drilling – Milling - Grinding – Work Piece fixation - Cutting tools fixation - Specifications of the operating machine) Practical: carpenter workshop	6	-	2	4
8	Methods of solving problems Practical: metal machining	3	-	2	4
9	Measuring tools (venire caliper – micrometers and its types) Practical: measurement tools	3	-	4	8
10	Production cycle production efficiency - Industrial safety Practical training in the different workshops	3	-	4	8
Total		42	-	28	56

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



Annual Course Report: Production Engineering

- Used Teaching and Learning Methods

No.	Teaching Methods
1	Lectures
2	Discussion sessions
3	Information collection from different sources
4	practical
5	Research assignment
6	Case study

- Student Assessment:

No.	Evaluation Method	Marks
1	Periodic exams	40
2	final examination	75
3	Practical examination	10
	Total	125

3. Facilities Required for Teaching and Learning:

No.	Facility
1	Lecture classroom
2	Presenter
3	White board
4	Data show system
5	Wireless internet
6	Sound system

4- Administrative Constraints:

No.	Constraints
1	-----

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	90.17%

6- Course enhancement suggestions

No.	Suggestions
1	Increase the practical session in the course.



Annual Course Report: Production Engineering

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

No.	Comments
1	فى توصيف المقرر تم ذكر أن الامتحان النهائى للمادة مخصص له 75 درجة فى حين أن المذكور فى توصيف البرنامج 60 درجة .. برحاءالمراجعة و تصحيح الخطأ

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	-----	-----

10- What has been implemented of the action plan in the previous year?

No.	Areas of development	Description of development	Completion date	Person responsible
1	Make factory visits to see the industrial operations	Uploading more explanatory videos of the production processes of minerals on the electronic library of the Institute	2022-2023	staff

11- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	Encouraging students to provide a presentation that explains and clarifies the production processes for working and forming metals	Encouraging students to provide a presentation that explains and clarifies the production processes for working and forming metals	2023-2024	Dr/Moataz Mostafa

Course Coordinator: Dr. Moataz Mostafa

Head of Department: Assoc. Prof. Dr. Amal Bahiry

Date of Approval: 7/2023



Annual Course Report: Introduction to Engineering and Environment

A. Basic Information

Program Title	All programs
Department offering the Program	Basic Science and Engineering Department
Department Responsible for the Course	Basic Science and Engineering Department
Course Code	BAS025
Year/ Level	Level 0
Specialization	Major
Authorization data of course report	7/2023
Exam Committee Selection Rule	Commissioning of the Institute of Management
External Revision of Examination	--
Lecturers Number:	1

Teaching hours	Lectures	Exercise	laboratory	Student's load
	2	-	-	2

B. Specialized information:

1. Statistics

Subject	No.	Percentage
Students attending the course	230	100%
Students completing the course	230	100%
Results	Passed	144 62.61%
	Failed	86 37.39%
Grading of successful students	Excellent	19.09 8.3%
	Very Good	20.93 9.1%
	Good	23 10%
	Pass	80.96 35.2%

2. Course Teaching:

No.	Topics	Lecture	Exercise	laboratory	Student load
1	Engineering concepts: What is engineering – international classification for the engineering jobs – relation between engineering development and environment economic and social development – engineering branches – ethics of the engineering jobs.	10	-	-	10



Annual Course Report: Introduction to Engineering and Environment

2	Introduction to environmental science: the importance of studying environmental science – modern technology and its effect on the environment – quality of the environment and development elements	2	-	-	2
3	sources of environmental pollution and method of control (air pollution – water pollution – solid wastes pollution –noise)	4	-	-	4
4	Economics of environmental pollution control – legislations for the environment protection.	12	-	-	12
Total		28	-	-	28

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

2-Student Assessment:

No.	Evaluation Method	Marks
1	Periodic exams	10
2	Student load	15
3	Final-term examination	50
Total		75



Annual Course Report: Introduction to Engineering and Environment

3. Facilities Required for Teaching and Learning:

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

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

4- Administrative Constraints

No.	Constraints
1	-----

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	86.88

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	-----

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	Field visiting	Annual maintenance work in factories available around us.



Annual Course Report: Introduction to Engineering and Environment

10- What has been implemented of the action plan in the previous year?

No.	Areas of development	Description of development	Completion date	Person responsible
1	Make factory visits to see the industrial operations	Uploading more explanatory videos of the production processes of minerals on the electronic library of the Institute	2022-2023	Assoc. Prof. Dr. Ramadan Elkateb
2	Visit some water treatment plant and renewable energy.	Provide field visits	2022-2023	Assoc. Prof. Dr. Ramadan Elkateb

11- 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 scientific reference In the electronic library of the institute	2023-2024	Institute management
2	Visit some water treatment plant and renewable energy.	Provide field visits	2023-2024	Institute management

Course Coordinator: Prof. Dr./ Osamy Rageh
Assoc. Prof. Dr. Ramadan Elkateb

Head of Department: Assoc. Prof. Amal Behery

Date of Approval: 7/2023



Annual Course Report: Technical English Language 1

A. Basic Information

Program Title	All programs
Department offering the Program	Basic Science and Engineering Department
Department Responsible for the Course	Basic Science and Engineering Department
Course Code	BAS026
Year/ Level	Level 0
Specialization	Major
Authorization data of course report	7/2023
Exam Committee Selection Rule	Commissioning of the Institute of Management
External Revision of Examination	--
Lecturers Number:	1

Teaching hours	Lectures	Exercise	laboratory	Student's load
	2	-	2	3

B. Specialized information:

1. Statistics

Subject	Percentage	
Students attending the course	100	
Students completing the course	100	
Results	Passed	82.14
	Failed	17.68
Grading of successful students	Excellent	36.6
	Very Good	12.5
	Good	12.9
	Pass	20.1

2. Course Teaching:

No.	Topics	Lecture	Exercise	laboratory	Student load
1	Engineering Lab. : skills in English Lesson 1 Bob's day at work & Lesson 2 Bob returns home with bad news	6	-	6	9



Annual Course Report: Technical English Language 1

2	A private flat Lab. : skills in English Lesson 3 Ted's day at school	2	-	2	3
3	Book shelves Lab. : skills in English Lesson 4 Nicole's day at school	2	-	2	3
4	Bridges Lab. : skills in English Lesson 5 Ted goes out for the evening Grammar Topics	4	-	4	6
5	Reinforced concrete Lab. : skills in English Lesson 6 Susan stays home and bake cookies & Lesson 7 Susan hires Bob to run her own business	4	-	4	6
6	Surveying Lab. : skills in English Lesson 8 Ted forms a rock band & Lesson 9 Nicole for president	4	-	4	6
7	Hydraulic works Lab. : skills in English Lesson 10 Bob visits the village market	4	-	4	6
8	Soil mechanics and foundations Lab. : skills in English Grammar topics	2	-	2	3
Total		28	-	28	42

- Topics taught as a percentage of the content specified: 90%
- Lecturers commitment of the course content: 100 %
- Coverage of exam topics to course content: 95%



Annual Course Report: Technical English Language 1

- 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	x
6	Field Visits	×
7	Case Studies	x
8	Smart Sessions	×

- Student Assessment:

No.	Evaluation Method	Marks
1	Periodic exams	20
2	Practical examination	10
3	Student load	20
4	Final-term examination	50
Total		100

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice	No.	Facility	Choice
1	Lecture Classroom	√	7	Wireless Board	×
2	Lab Facilities	√	8	Presenter	×
3	White Board	√	9	Sound System	√
4	Data Show System	√	10	Wire-Internet	x



Annual Course Report: Technical English Language 1

5	Visualizer	×	11	Wireless Internet	√
6	Smart Board	×			

4- Administrative Constraints:

No.	Constraints
1	-----

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	85.3%

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	-----

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

No.	Suggestions
1	Increase some English reference In the library of the institute

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

No.	Suggestions	Reasons
	-----	-----



Annual Course Report: Technical English Language 1

10- What has been implemented of the action plan in the previous year?

No.	Areas of development	Description of development	Completion date	Person responsible
1	Increase some English language reference in the library of the institute	Add more English Language books in library of the institute	2022-2023	Dr. Doaa Elsherbiny

11- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	Doing research.	Making a presentation.	2023-2024	Dr/Doaa Elsherbiny

Course Coordinator: Dr. Doaa Elsherbiny

Head of Department: Assoc. Prof. Amal Behairy

Date of Approval: 7/2023



Annual Course Report: Human Rights

A. Basic Information

Program Title	All programs
Department offering the Program	Basic Science and Engineering Department
Department Responsible for the Course	Basic Science and Engineering Department
Course Code	BAS027
Year/ Level	Level 0
Specialization	Major
Authorization data of course report	8/2023
Exam Committee Selection Rule	Commissioning of the Institute of Management
External Revision of Examination	--
Lecturers Number:	1

Teaching hours	Lectures	Exercise	laboratory	Student's load
	2	-	-	2

B. Specialized information:

1. Statistics

Subject	No.	Percentage
Students attending the course	192	100%
Students completing the course	182	94.8%
Results	Passed	182
	Failed	Zero
Grading of successful students	Excellent	66
	Very Good	48
	Good	21
	Pass	47

2. Course Teaching:

No.	Topics	Lecture	Exercise	laboratory	Student load
1	الإمام بأهمية حقوق الإنسان والنشأة التاريخية لتلك الحقوق والمدارس الفقهية لتأصيل تلك الحقوق.	2	-	-	2
2	أحكام الاتفاقيات الدولية الخاصة بحقوق الإنسان، والمنظمات الدولية العالمية والإقليمية القائمة على حماية تلك الحقوق، وموقف الدستور المصري من حقوق الإنسان، والحماية القانونية لها على الصعيد الوطني والصعيد الدولي، بالإضافة إلى حقوق الإنسان في الشريعة الإسلامية	4	-	-	4



Annual Course Report: Human Rights

3	الأصول التاريخية الفلسفية لحقوق الإنسان	4	-	-	4
	المصادر الدولية لحقوق الإنسان (العالمية والإقليمية) المصادر الوطنية لحقوق الإنسان				
4	الأجهزة العالمية القائمة على حماية حقوق الإنسان (أجهزة الأمم المتحدة) الحماية الوطنية لحقوق الإنسان	6	-	-	6
5	حقوق الإنسان في الشريعة الإسلامية عرض لبعض طوائف حقوق الإنسان	12	-	-	12
Total		28	-	-	28

- Topics taught as a percentage of the content specified: 86 %
- Lecturers commitment of the course content: 90 %
- Coverage of exam topics to course content: 87 %
- Used Teaching and Learning Methods

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

- Student Assessment:

No.	Evaluation Method	Marks
1	Periodic exams	10
2	Student load	5
3	Semester work	5
4	Final-term examination	30
Total		50

3. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
3	White Board	√
4	Data Show System	√
5	Visualizer	x
6	Smart Board	x
7	Wireless Board	x
8	Sound System	√
9	Wire-Internet	x
10	Wireless Internet	√
11	...	x



Annual Course Report: Human Rights

4- Administrative Constraints:

No.	Constraints
1	-----

5- Student Evaluation Result of the Course:

No.	Evaluation Result
1	91.4%

6- Course enhancement suggestions

No.	Suggestions
1	Adding matters related to the rights and duties of the Egyptian engineer locally and internationally

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

No.	Comments
1	-----

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

No.	Suggestions
1	Adding contents from the Egyptian Constitution to learn about some of its contents

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

No.	Suggestions	Reasons
1	The above-mentioned suggestions have been implemented	-----

10- What has been implemented of the action plan in the previous year?

No.	Areas of development	Description of development	Completion date	Person responsible
1	Adding contents from the Egyptian Constitution to learn about some of its contents	Presenting some texts of the current Egyptian constitution and introducing it in some lectures	2022-2023	Dr. Ibrahim Taha

11- Action plan for next academic year

No.	Areas of development	Description of development	Completion date	Person responsible
1	Adding matters related to the rights and duties of the Egyptian engineer locally and internationally	Presenting the contents of the labor regulations and laws of the Egyptian Syndicate of Engineers and the Union of Arab Engineers	2023-2024	Dr. Ibrahim Taha

Course Coordinator: Dr. Ibrahim Taha

Head of Department: Assoc. prof. Aml El-Behiry

Date of Approval: 8/2023