



"COURSE PORTFOLIO"

Module Information معلومات المادة الدراسية			
Module Title	حقوق انسان و ديمقراطية		Module Delivery
Module Type	S		☐ Theory ☒ Lecture ☐ Tutorial ☐ Practical ☐ Seminar
Module Code	QEPE1304		
ECTS Credits	3		
SWL (hr/sem)	75		
Module Level	1	Semester	1
Department	Environmental Health	College	Environmental Sciences
Module Leader	وسن حميد رشيد	E-mail	Wasan@environ.uoqasim.edu.iq
Module Leader's Acad. Title	مدرس	Module Leader's Qualification	ماجستير
Module Tutor		e-mail	
Peer Reviewer Name	Name	e-mail	E-mail
Scientific Committee Approval Date	06/06/2023	Version Number	1.0

Student Workload (SWL): Structured SWL (h/w) (Two contact hours of lectures + Two hours of seminars) + Unstructured SWL (h/w) .

Student Workload (SWL) الحمل الدراسي للطالب			
Structured SWL (h/sem) الحمل الدراسي المنتظم للطالب خلال الفصل	33	Structured SWL (h/w) الحمل الدراسي المنتظم للطالب أسبوعياً	2.2
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	42	Unstructured SWL (h/w) الحمل الدراسي غير المنتظم للطالب أسبوعياً	2.8
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	75		

Relation with other Modules:-



Relation with other Modules			
العلاقة مع المواد الدراسية الأخرى			
Prerequisite module	None	Semester	
Co-requisites module	None	Semester	

Module Aims, Learning Outcomes and Indicative Contents	
أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية	
COURSE DESCRIPTION: وصف المنهاج	يركز هذا المقرر على المبادئ الأساسية لمفهوم حقوق الإنسان والديمقراطية
Module Aims أهداف المادة الدراسية	The goal of this course is to develop basic skills and knowledge to raise issues associated with the Analytical Chemistry
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	1- ان يتمكن الطالب من تعريف المفاهيم الخاصة بحقوق الإنسان والديمقراطية 2- ان يتمكن الطالب من وصف المبادئ الخاصة بالديمقراطية وحقوق الإنسان 3- أن يكتسب الطالب المعلومات والدراية الكافية حول الممارسات الديمقراطية 4- ان يتمكن الطالب من معرفة اهم القواعد المتعلقة بعمل الانظمة النيابية 5- ان يتمكن الطالب من التعرف على اهم الاساليب الديمقراطية الحديثة في الحكم
Indicative Contents المحتويات الإرشادية	Indicative content includes the following. 1- د. ماهر صالح علاوي، رعد ناجي الجدة، رياض عزيز هادي وآخرون، حقوق الإنسان والطفل والديمقراطية، جامعة تكريت، 2013، ط2.

Learning and Teaching Resources		
مصادر التعلم والتدريس		
	Text	Available in the Library?
Required Texts	د. ماهر صالح علاوي، رعد ناجي الجدة، رياض عزيز هادي	No
Recommended Texts	حقوق الإنسان والطفل والديمقراطية.	No
Websites		
Grading Scheme		



مخطط الدرجات				
Group	Grade	التقدير	Marks (%)	Definition
Success Group (50 - 100)	A – Excellent	امتياز	90 - 100	Outstanding Performance
	B - Very Good	جيد جدا	80 - 89	Above average with some errors
	C – Good	جيد	70 - 79	Sound work with notable errors
	D – Satisfactory	متوسط	60 - 69	Fair but with major shortcomings
	E – Sufficient	مقبول	50 - 59	Work meets minimum criteria
Fail Group (0 – 49)	FX – Fail	راسب (قيد المعالجة)	(45-49)	More work required but credit awarded
	F – Fail	راسب	(0-44)	Considerable amount of work required

Note: Marks Decimal places above or below 0.5 will be rounded to the higher or lower full mark (for example a mark of 54.5 will be rounded to 55, whereas a mark of 54.4 will be rounded to 54. The University has a policy NOT to condone "near-pass fails" so the only adjustment to marks awarded by the original marker(s) will be the automatic rounding outlined above.

COURSE SCHEDULE:-

Week	hours	Topics Covered	Learning Outcomes
1-2	2	مقدمة عامة عن حقوق الانسان والديمقراطية	ان يتعلم الطالب على المفاهيم المذكورة بصورة عامة
3-4	2	جذور مفهوم الديمقراطية وتطوره	ان يعرف الطالب بداية ظهور هذا المفهوم وكيف تطور حتى الوقت الحاضر
5-6	2	الديمقراطية في فترة العصور الوسطى	يتعرف الطالب على مدى وجود فكرة الديمقراطية في فترة العصور الوسطى
7-8	2	تعريف الديمقراطية، مبادئها ، خصائصها ، مميزاتها	يتعلم الطالب معنى الديمقراطية ومبادئها وخصائصها ومميزاتها
9-10	2	اشكال الديمقراطية: الديمقراطية المباشرة، الديمقراطية شبه المباشرة ،	يكتسب الطالب الدراية الكاملة حول انواع الديمقراطيات



		(الديمقراطية غير المباشرة) الديمقراطية النيابية	المتعارف عليها في الانظمة السياسية
11-12	2	تعريف حقوق الانسان واهميته ، خصائص حقوق الانسان ، اهداف تعليم حقوق الانسان	يتمكن الطالب من معرفة اهمية حقوق الانسان وما الهدف من تعلمها وماهي اهم خصائصها
13-14	2	مصادر حقوق الانسان :المصادر الدولية المصادر الوطنية وضمانات حقوق الانسان	يتمكن الطالب من معرفة مصادر حقوق الانسان التي يتم الرجوع اليها ،سواء على المستوى المحلي ام الدولي والضمانات التي يجب توافرها من اجل حماية حقوق الافراد على الصعيدين الداخلي والدولي
14-15	2	دور المنظمات الاقليمية في حماية حقوق الانسان وحقوق الطفل في الحضارات القديمة والاديان السماوية	يتمكن الطالب من معرفة الدور الذي يمكن ان تلعبه المنظمات الدولية في حماية حقوق الانسان ،واكتسابه المعلومات حول دور الحضارات القديمة في التأكيد على اهمية حقوق الطفل ومختلف الاديان السماوية
Final Exam			

Module Evaluation:-

Module Evaluation تقييم المادة الدراسية					
		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
Formative assessment (40%)	Quizzes	2	10% (10)	5, 10	LO #1, 2, 10 and 11
	Assignments & H.W.	2	10% (10)	2, 12	LO # 3, 4, 6, and 8
	Projects / Lab.	1	10% (10)	Continuous	
	Seminar	1	10% (10)	14	
	Field Visits Report				

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	Discussions During Lectures	10		Continuous	ALL
Summative assessment	Midterm Exam (10%)	1hr	10% (10)	8	LO # 1-15
	Final Exam (50%)	3hr	50% (50)	16	All
Total assessment			100% (100 Marks)		



"COURSE PORTFOLIO"

Module Information معلومات المادة الدراسية			
Module Title	General Biology		Module Delivery
Module Type	Basic (B)		☐ Theory ☒ Lecture ☒ Lab ☐ Tutorial ☐ Practical ☐ Seminar
Module Code	QEPE2602		
ECTS Credits	6.0		
SWL (hr/sem)	150		
Module Level	1	Semester	1
Department	Environmental pollution	College	Environmental Sciences
Module Leader	Abbas talib	E-mail	
Module Leader's Acad. Title	Assistant Professor	Module Leader's Qualification	Ph.D.
Module Tutor	Name (if available)	e-mail	
Peer Reviewer Name	Name	e-mail	E-mail
Scientific Committee Approval Date	06/06/2023	Version Number	1.0

Student Workload (SWL): Structured SWL (h/w) (Two contact hours of lectures + Two hours of seminars) + Unstructured SWL (h/w) .

Student Workload (SWL) الحمل الدراسي للطالب			
Structured SWL (h/sem) الحمل الدراسي المنتظم للطالب خلال الفصل	79	Structured SWL (h/w) الحمل الدراسي المنتظم للطالب أسبوعياً	5
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	96	Unstructured SWL (h/w) الحمل الدراسي غير المنتظم للطالب أسبوعياً	3.8
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	150		

Relation with other Modules:-



Relation with other Modules			
العلاقة مع المواد الدراسية الأخرى			
Prerequisite module	None	Semester	
Co-requisites module	None	Semester	

Module Aims, Learning Outcomes and Indicative Contents	
أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية	
COURSE DESCRIPTION:	1. Knowing the levels of biological organization . 2. Recognizing the types of division in the cell . 3. the difference between Prokaryotic and Eukaryotic organisms . 4. Identifying the pathways to which different between the organisms. 5. Identify the levels of classification
Module Aims أهداف المادة الدراسية	The goal of this course : 1. Cognitive goals: A. What is the meaning of biology. B. that differences in the levels of organization . c. The distinction between prokaryotic and Eukaryotic D. Getting to know the different levels of organization.
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	1. Planning for personal development . 2. Leadership skills . 3. Adopting the method of delivering an optional lecture by the student. 4. Developing the ability to link topics and conclusions.
Indicative Contents المحتويات الإرشادية	Indicative content includes the following. 1- General Biology II, Lab Practical II. D. Leonard and K. Martin.2005. Daytona State College Press. USA. 2- General Biology. Renato, A.; DelaPena, J.R.; Daniel, E. and Garcilla Christian, R. 2016. JFS Publishing Survice. Manila .Philippines. 3- Concepts in Biology. Frederick Ross and David Bailey. 2012. McGraw-Hill Education. USA.



مصادر التعلم والتدريس

	Text	Available in the Library?
Required Texts		No
Recommended Texts	General Biology II, Lab Practical II. D. Leonard and K. Martin.2005. Daytona State College Press. USA.	No
Websites		

Grading Scheme

مخطط الدرجات

Group	Grade	التقدير	Marks (%)	Definition
Success Group (50 - 100)	A – Excellent	امتياز	90 - 100	Outstanding Performance
	B - Very Good	جيد جدا	80 - 89	Above average with some errors
	C – Good	جيد	70 - 79	Sound work with notable errors
	D – Satisfactory	متوسط	60 - 69	Fair but with major shortcomings
	E – Sufficient	مقبول	50 - 59	Work meets minimum criteria
Fail Group (0 – 49)	FX – Fail	راسب (قيد المعالجة)	(45-49)	More work required but credit awarded
	F – Fail	راسب	(0-44)	Considerable amount of work required

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COURSE SCHEDULE:-

Week	hours	Topics Covered	Learning Outcomes
1-2	6	General Introduction and Microscope	To learn student types of microscope
3-4	6	Shape of cells and Plant cell	To learn the types of the cell
5-6	6	Animal cell	That the student learn the most types of Animal cell



7-8	6	Cell division(meiosis) and Cell division (mitosis)	That the student learn the most important ways of cell division
9-10	6	Kingdom: Monera and Kingdom: Protista	The student learns about the kingdom of monera
11-12	6	Kingdom: Fungi	The student learns about types of the kingdom of Fungi
13-14	6	Kingdom: Animalia	The student learns about the kingdom of Animalia
14-15	6	Kingdom: Plantae	The student learns about types of the kingdom of Planta
Final Exam			

Delivery Plan (Weekly Lab. Syllabus)

المنهاج الاسبوعي للمختبر

	Material Covered
Week 1	Lab1 : Microscope
Week 2	Lab2 : The shapes of cells
Week 3	Lab3 : Animal and Plant cell
Week 4	Lab4 : <u>The Plant Cell</u>
Week 5	Lab5 : <u>Cell Division</u>

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Week 6	Lab6 : <u>Kingdoms of Living Things</u>
Week 7	<u>protista</u>

Module Evaluation:-

Module Evaluation تقييم المادة الدراسية					
		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
Formative assessment (40%)	Quizzes	2	10% (10)	5, 10	LO #1, 2, 10 and 11
	Assignments & H.W.	2	10% (10)	2, 12	LO # 3, 4, 6, and 8
	Projects / Lab.	1	10% (10)	Continuous	
	Seminar	1	10% (10)	14	
	Field Visits Report				
	Discussions During Lectures	10		Continuous	ALL
Summative assessment	Midterm Exam (10%)	1hr	10% (10)	8	LO # 1-15
	Final Exam (50%)	3hr	50% (50)	16	All
Total assessment			100% (100 Marks)		



توزيع الساعات المجدولة و الغير مجدولة (SWL= SSWL +USWL)

Activity types	Structured SWL	Un structured SWL	No. of weeks	Time Factor	SWL (hr)
Class	Class Lecturers		15	2	30
Lab.			15	2	30
Tutorial					
Self Study		Self Study	10	1	10
Quizzes		Preparation for the Quizzes	2	3	6
discussions during lectures					
Projects / Lab.	Project Work				
		Preparation for the Project	3	2	6
Seminar	Presenting a Seminar		15	2	30
		Preparation for the Project	1	5	5
Assignments, Home Work		Preparation for the H.W.	2	5	10
Report		Preparation for the Report	2	5	10
Midterm Exam (10%)		Preparation for the Exam.	1	5	5
	Evaluation				
Final Exam (50%)		Preparation for the Exam.	1	5	5
	Evaluation		1	3	3
		Total SWL (hr/ Semester)			150
		ECTS			6



"COURSE PORTFOLIO"

Module Information معلومات المادة الدراسية			
Module Title	Organic Chemistry		Module Delivery
Module Type	Course		☒ Theory ☐ Lecture ☐ Lab ☐ Tutorial ☐ Practical ☐ Seminar
Module Code			
ECTS Credits	6.0		
SWL (hr/sem)	150		
Module Level	1	Semester	1
Department	Environmental pollution	College	Environmental Sciences
Module Leader	Mustafa	E-mail	dr.mustafa@environ.uoqasim.edu.iq
Module Leader's Acad. Title	Assistant Professor	Module Leader's Qualification	.
Module Tutor	Name (if available)	e-mail	
Peer Reviewer Name	Name	e-mail	E-mail
Scientific Committee Approval Date	01/06/2023	Version Number	1.0

Student Workload (SWL): Structured SWL (h/w) (Two contact hours of lectures) + Unstructured SWL (h/w) .

Student Workload (SWL) الحمل الدراسي للطالب			
Structured SWL (h/sem) الحمل الدراسي المنتظم للطالب خلال الفصل	79	Structured SWL (h/w) الحمل الدراسي المنتظم للطالب أسبوعياً	5
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	71	Unstructured SWL (h/w) الحمل الدراسي غير المنتظم للطالب أسبوعياً	3.8
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	150		

Relation with other Modules:-



Relation with other Modules

العلاقة مع المواد الدراسية الأخرى

Prerequisite module	None	Semester	
Co-requisites module	None	Semester	

Module Aims, Learning Outcomes and Indicative Contents

أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية

COURSE DESCRIPTION:	This course focuses on the Concepts and definitions:- Analytical Chemistry
Module Aims أهداف المادة الدراسية	The goal of this course is to develop basic skills and knowledge to raise issues associated with the Analytical Chemistry
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	At the completion of the course, students are expected to be able to: 1-introduction the principles of Organic Chemistry. 2-The student will be able to naming and preparing alkanes 3- The student will be able to Methods of reactions and solving problems of alkanes processes 4- The student will be able to naming and preparing alkenes 5- The student will be able to Methods of reactions and solving problems of alkenes 6- The student will be able to naming and preparing alkynes 7- The student will be able to Methods of reactions and solving problems of alkynes
Indicative Contents المحتويات الإرشادية	Indicative content includes the following. 1- fundamental organic chemistry by McMury 2- الكيمياء العضوية مورشون و بويد

Learning and Teaching Resources

مصادر التعلم والتدريس



	Text	Available in the Library?
Required Texts	fundamental organic chemistry by McMury	No
Recommended Texts	الكيمياء العضوية مورشون و بويد	No
Websites		

Grading Scheme				
مخطط الدرجات				
Group	Grade	التقدير	Marks (%)	Definition
Success Group (50 - 100)	A – Excellent	امتياز	90 - 100	Outstanding Performance
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Fail Group (0 – 49)	FX – Fail	راسب (قيد المعالجة)	(45-49)	More work required but credit awarded
	F – Fail	راسب	(0-44)	Considerable amount of work required
Note: Marks Decimal places above or below 0.5 will be rounded to the higher or lower full mark (for example a mark of 54.5 will be rounded to 55, whereas a mark of 54.4 will be rounded to 54. The University has a policy NOT to condone "near-pass fails" so the only adjustment to marks awarded by the original marker(s) will be the automatic rounding outlined above.				

COURSE SCHEDULE:-



Week	hours	Topics Covered	Learning Outcomes
1-2	6	An introduction to organic chemistry	To familiarize the student with organic chemistry
3-4	6	Rules for naming and preparing alkanes	The student learns the naming rules and preparation methods
5-6	6	Methods of reactions and solving problems of alkanes	To learn the methods of interactions and how to solve problems
7-8	6	Rules for naming alkenes and methods of preparation	The student learns the naming rules and preparation methods
9-10	6	Methods of reactions and solving problems of alkenes	To learn the methods of interactions and how to solve problems
11-12	6	Rules for naming alkynes and methods of preparation	The student learns the naming rules and preparation methods
13-14	6	Methods of reactions and solving problems of alkynes	To learn the methods of interactions and how to solve problems
Final Exam			



Delivery Plan (Weekly Lab. Syllabus)

المنهاج الاسبوعي للمختبر

	Material Covered
Week 1	Lab 1: the tools and the apparatus in organic chemistry
Week 2	Lab 2: determination of melting point
Week 3	Lab 3: : determination of boiling point
Week 4	Lab 4: the recrystallization
Week 5	Lab 5: the distillation
Week 6	Lab 6: preparation and reaction of alkane
Week 7	Lab 7: preparation and reaction of alkane

Module Evaluation:-

Module Evaluation

تقييم المادة الدراسية

		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
Formative assessment (40%)	Quizzes	2	10% (10)	5, 10	LO #1, 2, 10 and 11
	Assignments & H.W.	2	10% (10)	2, 12	LO # 3, 4, 6, and 8
	Projects / Lab.	1	10% (10)	Continuous	



	Seminar	1	10% (10)		
	Field Visits Report	1	10% (10)	10	LO # 5, 9, 11.12.13,14 and 15
	Discussions During Lectures	10	10% (10)	Continuous	ALL
Summative assessment	Midterm Exam (10%)	2 hr	10% (10)	8	LO # 1-10
	Final Exam (50%)	3hr	50% (50)	16	All
Total assessment			100% (100 Marks)		

توزيع الساعات المجدولة و الغير مجدولة (SWL= SSWL +USWL)

Activity types	Structured SWL	Un structured SWL	No. of weeks	Time Factor	SWL (hr)
Class	Class Lecturers		15	2	30
Lab.			15	2	30
Tutorial					
Self Study		Self Study	10	1	10
Quizzes		Preparation for the Quizzes	2	3	6
discussions during lectures					
Projects / Lab.	Project Work				
		Preparation for the Project	3	2	6
Seminar	Presenting a Seminar		15	2	30
		Preparation for the Project	1	5	5
Assignments, Home Work		Preparation for the H.W.	2	5	10
Report		Preparation for the Report	2	5	10
Midterm Exam (10%)		Preparation for the Exam.	1	5	5
	Evaluation				
Final Exam (50%)		Preparation for the Exam.	1	5	5
	Evaluation		1	3	3
		Total SWL (hr/ Semester)			150
		ECTS			5

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Environmental pollution Department





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Module Information					
معلومات المادة الدراسية					
Module Title	English Language I			Module Delivery	
Module Type	B			☒ Theory ☒ Lecture ☐ Lab ☒ Tutorial ☐ Practical ☒ Seminar	
Module Code	QEHE1405				
ECTS Credits	3				
SWL (hr/sem)	75				
Module Level	1		Semester	1	
Department	Environmental Health		College	College of Environmental Sciences	
Module Leader	Ali Nayyef Umayra		E-mail	ali_umayra@environ.uoqasim.edu.iq	
Module Leader's Acad. Title	Assist. Professor		Module Leader's Qualification	Ph.D.	
Module Tutor	Name (if available)		e-mail	E-mail	
Peer Reviewer Name	Name		e-mail	E-mail	
Scientific Committee Approval Date	00/06/2023		Version Number	1.0	

Student Workload (SWL): Structured SWL (h/w) (Three contact hours of lectures) + Unstructured SWL (h/w) .

Student Workload (SWL)			
Structured SWL (h/sem)	33	Structured SWL (h/w) الحمل الدراسي المنتظم للطلاب أسبوعياً	3
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطلاب خلال الفصل	42	Unstructured SWL (h/w) الحمل الدراسي غير المنتظم للطلاب أسبوعياً	3.5
Total SWL (h/sem) الحمل الدراسي الكلي للطلاب خلال الفصل	75		



Relation with other Modules:-

Relation with other Modules			
العلاقة مع المواد الدراسية الأخرى			
Prerequisite module	None	Semester	
Co-requisites module	None	Semester	

Module Aims, Learning Outcomes and Indicative Contents

أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية

COURSE DESCRIPTION:	This course is geared towards improving students' ability to communicate with one another and makes use of a wide range of activities to cater to a variety of students' learning preferences and requirements. The students will also be able to read and write brief texts on topics that are relevant to their everyday lives, as well as develop their speaking and listening skills in order to communicate on common and general topics. The four skills of reading, writing, speaking, and listening will be covered in this course, and by the time it is over, the students will have a basic understanding of each of them.
Module Aims أهداف المادة الدراسية	The goal of this course is to develop basic skills and knowledge about the English Language that, enable the students to communicate effectively and appropriately in real-life situations, to use English effectively for study purposes across the curriculum, to develop and integrate the use of the four language skills i.e. Reading, Listening, Speaking and Writing.
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	(1) The ability to read English with understanding; the student will be able to: (i) Understand the total content and underlying meaning in the context. (ii) identify and understand phrase or sentence groups. (iii) grasp the meaning of words and sentences. (iv) understand labels, simple notices, and written instructions. (v) develop correct reading habits, silently, extensively, and intensively. (2) The ability to understand English when it is spoken. the student should be able to:



	(i) Understand the meaning of words, phrases, and sentences in context. (ii) understand statements, questions, instructions, and commands. (iii) grasp the substance and central idea of what is heard. (iv) listen and understand radio broadcasts and T.V. Programmes. (v) maintain his/her listening attention for a reasonable length of time. (3) The ability to speak intelligibly; the student will be able to: (i) pronounce English Correctly and intelligibly. (ii) speak intelligibly while making statements, asking questions, giving instructions and commands, and reporting events. (iii) narrate simple experiences and series of events to convey their essence and intention. (iv) describe accurately what he/she observes and experiences. (v) use polite expressions in appropriate ways e.g. Excuse me, I beg your pardon etc. (4) The ability to write English correctly: The student will be able to: (i) Have some knowledge about the Mechanics of writing; the use of correct punctuation marks and capital letters. (ii) Spell words correctly. (iii) Write neatly and legibly with reasonable speed. (iv) Use appropriate vocabulary. (v) Use correct grammatical items.
Indicative Contents المحتويات الإرشادية	Indicative content includes the following. New Headway, Beginner, Student's Book by John and Liz Soars, Fourth edition. (Textbook). New Headway, Beginner, Workbook with key by John and Liz Soars, Fourth edition. (Textbook).

Learning and Teaching Resources

مصادر التعلم والتدريس

	Text	Available in the
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		Library?
Required Texts	New Headway, Beginner, Student's Book by John and Liz Soars, Fourth edition. (Textbook).	Yes
Recommended Texts	New Headway, Beginner, Workbook with key by John and Liz Soars, Fourth edition. (Textbook).	Yes
Websites	https://www.uk/learning english https://www.dictionary.com	

Grading Scheme مخطط الدرجات				
Group	Grade	التقدير	Marks (%)	Definition
Success Group (50 - 100)	A – Excellent	امتياز	90 - 100	Outstanding Performance
	B - Very Good	جيد جدا	80 - 89	Above average with some errors
	C – Good	جيد	70 - 79	Sound work with notable errors
	D – Satisfactory	متوسط	60 - 69	Fair but with major shortcomings
	E – Sufficient	مقبول	50 - 59	Work meets minimum criteria
Fail Group (0 – 49)	FX – Fail	راسب (قيد المعالجة)	(45-49)	More work required but credit awarded
	F – Fail	راسب	(0-44)	Considerable amount of work required
Note: Marks Decimal places above or below 0.5 will be rounded to the higher or lower full mark (for example a mark of 54.5 will be rounded to 55, whereas a mark of 54.4 will be rounded to 54. The University has a policy NOT to condone "near-pass fails" so the only adjustment to marks awarded by the original marker(s) will be the automatic rounding outlined above.				

COURSE SCHEDULE: -

Week	hours	Topics Covered	Learning Outcomes
Topic I: Hello, Your world			
1-2	6	– Grammar – Vocabulary	1, 2, and 3



		- Skills work - Everyday English - Short open session - Seminar	
Topic II: All about you, Family & Friends			
3-4	6	- Grammar - Vocabulary - Skills work - Everyday English - writing skills - Seminar	1, 2,3, and 4
Topic III: - the way I live, Every day			
5-6	6	- Grammar - Vocabulary - Skills work - Everyday English - Seminar	1, 2, and 3
Topic IV: - My favorites, Where I live			
7-8	6	- Grammar - Vocabulary - Skills work - Everyday English - writing skills - Seminar	1, 2,3, and 4
Topic V: - Times past, we had a great time			
9-10	6	- Grammar - Vocabulary - Skills work - Everyday English	1, 2, and 3



		- Seminar	
Topic VI: - I can do that, please, and thank you, Here and now, it's time to go			
11-14	12	- Grammar - Vocabulary - Skills work - Everyday English - writing skills - Seminar	1, 2,3, and 4
15	3	Revision	
Final Exam			

Learning Outcomes and Assessment Methods for "English Language" Course.

Topics Covered	Learning Outcomes	Strategies for Achieving Outcomes	Assessment Methods
Topic I: Hello, Your world	1, 2, and 3	open sessions, Theoretical Lectures, watching English learning movies, Reading books, and magazines,	quizzes, discussions during lectures, Written Exams, and oral exams. presenting seminars. Home works. Assignments.
Topic II: - All about you, Family & Friends	1, 2,3, and 4	Report Writing, Scientific Trips, Theoretical Lectures, Small Group Discussions, and Scientific Films.	Seminars, discussions during lectures. Written Exams, oral exams. Assignments.
Topic III: - the way I live, Every day	1,2, and 3	Theoretical Lectures, Small Group Discussions, and Scientific Films for Learning English. Reading books and magazines.	Quizzes, discussions during lectures, Written Exams, Homework, oral exams. Assignments. Seminars.
Topic IV: - My favorites, Where I live	1, 2,3, and 4	Report Writing, Scientific Trips. Theoretical Lectures, Small Group Discussions, and Scientific Films.	Seminars, Writing reports, open sessions during lectures. Written Exams, oral exams.
Topic V: - Times past, we had a great time	1,2, and 3	Theoretical Lectures, Small Group Discussions,	Seminars, quizzes, discussions during lectures, Written Exams, and oral exams.
Topic VI: - I can do that,	1, 2,3, and 4	, Report Writing, Scientific Trips, Theoretical Lectures, open	



<i>please, and thank you, Here and now, it's time to go</i>		sessions, and watching movies for learning English.	Seminars, quizzes, Major reports, Written Exams, Homework, oral exams.
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Module Evaluation: -

Module Evaluation تقييم المادة الدراسية					
		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
Formative assessment (40%)	Quizzes	2	10% (10)	3, 12	ALL
	Assignments & H.W.	2	10% (10)	2, 9	ALL
	Writing report	1	10% (10)	6	1, and 4
	Seminar	1	10% (10)	5	
	Scientific trip	1	10% (10)	13	2, and 3
	Open sessions During Lectures	10	10% (10)	Continuous	2, and 3
Summative assessment	Midterm Exam (10%)	2 hr	10% (10)	8	1, and 4
	Final Exam (50%)	3hr	50% (50)	16	1, and 4v
Total assessment			100% (100 Marks)		



توزيع الساعات المجدولة و الغير مجدولة (SWL= SSWL +USWL)

Activity types	Structured SWL	Un structured SWL	No. of weeks	Time Factor	SWL (hr)
Class	Class Lecturers		15	2	30
Seminar	Presenting seminar		15	1	15
Tutorial		Tutorial	5,11	2	4
Self Study		Self Study	15	1	6
Quizzes		Preparation for the Quizzes	2	4	8
Open sessions	During SSWL		0	0	0
Assignments, Home Work		Preparation for the H.W.	4,7,12	3	9
Report		Preparation for the Report	3	2	6
Midterm Exam (10%)		Preparation for the Exam.	1	3	5
	Evaluation		0	0	
Final Exam (50%)		Preparation for the Exam.	1	3	3
	Evaluation		1	2	2
		Total SWL (hr/ Semester)			75
		ECTS			3



"COURSE PORTFOLIO"

Module Information معلومات المادة الدراسية			
Module Title	Analytical Chemistry		Module Delivery
Module Type	Basic (B)		☐ Theory ☒ Lecture ☒ Lab ☐ Tutorial ☐ Practical ☐ Seminar
Module Code	QEHE2602		
ECTS Credits	6.0		
SWL (hr/sem)	150		
Module Level	1	Semester	1
Department	Environmental pollution	College	Environmental Sciences
Module Leader	Mustafa ahmed	E-mail	.
Module Leader's Acad. Title	lecture	Module Leader's Qualification	M.Sc..
Module Tutor	Name (if available)	e-mail	
Peer Reviewer Name	Name	e-mail	E-mail
Scientific Committee Approval Date	06/06/2023	Version Number	1.0

Student Workload (SWL): Structured SWL (h/w) (Two contact hours of lectures + Two hours of seminars) + Unstructured SWL (h/w) .

Student Workload (SWL) الحمل الدراسي للطالب			
Structured SWL (h/sem) الحمل الدراسي المنتظم للطالب خلال الفصل	79	Structured SWL (h/w) الحمل الدراسي المنتظم للطالب أسبوعياً	6
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	71	Unstructured SWL (h/w) الحمل الدراسي غير المنتظم للطالب أسبوعياً	3.8
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	150		

Relation with other Modules:-



Relation with other Modules			
العلاقة مع المواد الدراسية الأخرى			
Prerequisite module	None	Semester	
Co-requisites module	None	Semester	

Module Aims, Learning Outcomes and Indicative Contents	
أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية	
COURSE DESCRIPTION:	This course focuses on the Concepts and definitions:- Analytical Chemistry
Module Aims أهداف المادة الدراسية	The goal of this course is to develop basic skills and knowledge to raise issues associated with the Analytical Chemistry
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	At the completion of the course, students are expected to be able to: 1. Define the principles of Analytical Chemistry. 2- The student will be able to define analytical chemistry 3- To be able to distinguish between the types of analytical chemistry processes 4- The concept and mechanism of chemical analyses 5- The student should be able to apply chemical analyzes 6- How to interpret processes in analytical chemistry
Indicative Contents المحتويات الإرشادية	Indicative content includes the following. 1- Analytical chemistry by skoog 1- اسس الكيمياء التحليلية د. مؤيد قاسم العبايجي 2- اساسيات الكيمياء التحليلية د. هادي كاظم عوض

Learning and Teaching Resources		
مصادر التعلم والتدريس		
	Text	Available in the Library?
Required Texts	1- اسس الكيمياء التحليلية د. مؤيد قاسم العبايجي 2- اساسيات الكيمياء التحليلية د. هادي كاظم عوض	No
Recommended Texts	analytical chemistry by skoog	No
Websites		



Grading Scheme

مخطط الدرجات

Group	Grade	التقدير	Marks (%)	Definition
Success Group (50 - 100)	A – Excellent	امتياز	90 - 100	Outstanding Performance
	B - Very Good	جيد جدا	80 - 89	Above average with some errors
	C – Good	جيد	70 - 79	Sound work with notable errors
	D – Satisfactory	متوسط	60 - 69	Fair but with major shortcomings
	E – Sufficient	مقبول	50 - 59	Work meets minimum criteria
Fail Group (0 – 49)	FX – Fail	راسب (قيد المعالجة)	(45-49)	More work required but credit awarded
	F – Fail	راسب	(0-44)	Considerable amount of work required

Note: Marks Decimal places above or below 0.5 will be rounded to the higher or lower full mark (for example a mark of 54.5 will be rounded to 55, whereas a mark of 54.4 will be rounded to 54. The University has a policy NOT to condone "near-pass fails" so the only adjustment to marks awarded by the original marker(s) will be the automatic rounding outlined above.

COURSE SCHEDULE:-

Week	hours	Topics Covered	Learning Outcomes
1-2	6	Fundamentals of analytical chemistry	To introduce the student to the different types of analytical chemistry
3-4	6	Methods for expressing solutes	To learn the methods of expressing chemical weights
5-6	6	Methods of expressing concentrations	That the student learn the most important ways of expressing chemical concentrations
7-8	6	Volumetric analysis	That the student learn about volumetric analysis, its importance and types
9-10	6	The pH	The student learns about pH and its calculations



11-12	6	Common ion and Buffer solutions	That the student learns the concept of the common ion and the importance of Buffer solutions.
13-14	6	General problems and exercises	Explain everything that related with biological solutions of buffer solutions at human body
14-15	6	General Reviewing for all above topics	General review for most important highlight points of this course
Final Exam			

Delivery Plan (Weekly Lab. Syllabus)

المنهاج الاسبوعي للمختبر

	Material Covered
Week 1	Lab 1: Introduction to the molarity
Week 2	Lab 2: Prepare solutions by dilution
Week 3	Lab 3: Prepare a standard solution of hydrochloric acid
Week 4	Lab 4: Normalization of calcium carbonate
Week 5	Lab 5: Determination of the molar concentration of sodium hydroxide
Week 6	Lab 6: Determine the concentration of hydrochloric acid (HCl) using a standard solution of Na ₂ CO ₃
Week 7	Lab 7: An experiment to determine the concentration of acetic acid, CH ₃ COOH



Module Evaluation:-

Module Evaluation تقييم المادة الدراسية					
		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
Formative assessment (40%)	Quizzes	2	10% (10)	5, 10	LO #1, 2, 10 and 11
	Assignments & H.W.	2	10% (10)	2, 12	LO # 3, 4, 6, and 8
	Projects / Lab.	1	10% (10)	Continuous	
	Seminar	1	10% (10)	14	
	Field Visits Report				
	Discussions During Lectures	10		Continuous	ALL
Summative assessment	Midterm Exam (10%)	1hr	10% (10)	8	LO # 1-15
	Final Exam (50%)	3hr	50% (50)	16	All
Total assessment			100% (100 Marks)		

توزيع الساعات المجدولة و الغير مجدولة (SWL= SSWL +USWL)

Activity types	Structured SWL	Un structured SWL	No. of weeks	Time Factor	SWL (hr)
Class	Class Lecturers		15	2	30
Lab.			15	2	30
Tutorial					
Self Study		Self Study	10	1	10
Quizzes		Preparation for the Quizzes	2	3	6
discussions during lectures					
Projects / Lab.	Project Work				
		Preparation for the Project	3	2	6
Seminar	Presenting a Seminar		15	2	30
		Preparation for the Project	1	5	5
Assignments, Home Work		Preparation for the H.W.	2	5	10
Report		Preparation for the Report	2	5	10
Midterm Exam (10%)		Preparation for the Exam.	1	5	5
	Evaluation				
Final Exam (50%)		Preparation for the Exam.	1	5	5
	Evaluation		1	3	3
		Total SWL (hr/ Semester)			150
		ECTS			6



"COURSE PORTFOLIO"

Module Information معلومات المادة الدراسية			
Module Title	Ecology		Module Delivery
Module Type	Core (C)		☐ Theory ☒ Lecture ☒ Lab ☐ Tutorial ☒ Practical ☐ Seminar
Module Code	QEHE3603		
ECTS Credits	6.0		
SWL (hr/sem)	150		
Module Level	1	Semester	1
Department	Environmental pollution	College	Environmental Sciences
Module Leader	Saad wali alwan	E-mail	saad.alwan@environ.uoqasim.edu.iq
Module Leader's Acad. Title	prof	Module Leader's Qualification	Ph.D.
Module Tutor	Name (if available)	e-mail	
Peer Reviewer Name	Name	e-mail	E-mail
Scientific Committee Approval Date	07/06/2023	Version Number	1.0

Student Workload (SWL): Structured SWL (h/w) (Two contact hours of lectures + Two hours of seminars) + Unstructured SWL (h/w) .

Student Workload (SWL) الحمل الدراسي للطالب			
Structured SWL (h/sem) الحمل الدراسي المنتظم للطالب خلال الفصل	79	Structured SWL (h/w) الحمل الدراسي المنتظم للطالب أسبوعياً	6
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	71	Unstructured SWL (h/w) الحمل الدراسي غير المنتظم للطالب أسبوعياً	3.8
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	150		

Relation with other Modules:-



Relation with other Modules			
العلاقة مع المواد الدراسية الأخرى			
Prerequisite module	None	Semester	
Co-requisites module	None	Semester	

Module Aims, Learning Outcomes and Indicative Contents	
أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية	
COURSE DESCRIPTION:	This course focuses on the Concepts and definitions:- Ecology
Module Aims أهداف المادة الدراسية	The goal of this course is Giving a brief overview of the importance of teaching the environment subject, and the students' knowledge of the living and non-living components of the environment, their knowledge of the environment, its components, and the factors affecting the environment through practical experiments related to these topics.
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	At the completion of the course, students are expected to be able to: Fundamentals of ecology, what is the meaning of the environment and what is its concept, the cycle of elements in nature (biogeochemical cycles), energy and its relationship to the ecosystem, production and its relationship to the ecosystem, level of biotic tolerance and limiting factors, factors affecting organisms, life factors, environmental succession, community environment An introduction to environmental pollution, air pollution, other environmental factors pollutants, water pollution, soil pollution. Definition of the environment / components of the environment / devices used to measure environmental factors / environmental pollution / types of environmental pollution / the most important practical experiences related to the mentioned topics
Indicative Contents المحتويات الإرشادية	Indicative content includes the following. The Princeton Guide to Ecology Edited by Simon A. Levin, Stephen R. Carpenter, H. Charles J. Godfray, Ann P. Kinzig, Michel Loreau, Jonathan B. Losos, Brian Walker, and David S. Wilcove Ecology: The Delicate Balance of Life on Earth Author: Sherman Hollar Environment and Ecology – Biodiversity, Climate Change and Disaster Management – Majid Husain (Access Publishers)



Learning and Teaching Resources

مصادر التعلم والتدريس

	Text	Available in the Library?
Required Texts	1- Ecology: The Delicate Balance of Life on Earth Author: Sherman Hollar 2- Environment and Ecology – Biodiversity, Climate Change and Disaster Management – Majid Husain (Access Publishers)	No
Recommended Texts	Environment and Ecology – Biodiversity, Climate Change and Disaster Management – Majid Husain (Access Publishers)	No
Websites		

Grading Scheme

مخطط الدرجات

Group	Grade	التقدير	Marks (%)	Definition
Success Group (50 - 100)	A – Excellent	امتياز	90 - 100	Outstanding Performance
	B - Very Good	جيد جدا	80 - 89	Above average with some errors
	C – Good	جيد	70 - 79	Sound work with notable errors
	D – Satisfactory	متوسط	60 - 69	Fair but with major shortcomings
	E – Sufficient	مقبول	50 - 59	Work meets minimum criteria
Fail Group (0 – 49)	FX – Fail	راسب (قيد المعالجة)	(45-49)	More work required but credit awarded
	F – Fail	راسب	(0-44)	Considerable amount of work required

Note: Marks Decimal places above or below 0.5 will be rounded to the higher or lower full mark (for example a mark of 54.5 will be rounded to 55, whereas a mark of 54.4 will be rounded to 54. The University has a policy NOT to condone "near-pass fails" so the only adjustment to marks awarded by the original marker(s) will be the automatic rounding outlined above.

COURSE SCHEDULE:-



Week	hours	Topics Covered	Learning Outcomes
1-2	6	A brief history of the emergence of ecology The History of Ecology	Definition of ecology Branches of ecology and division Relationship with other sciences The future of ecology
3-4	6	Components of the environment and their types.	To learn the Concept of the ecosystem
5-6	6	Components of the ecosystem (living components and non-living components)	That the student learn What is the open and disturbing ecosystem and the delicate system of environmental balance
7-8	6	The cycle of elements in nature (biogeochemical cycles)	That the student learn about gaseous cycles (carbon cycle, nitrogen cycle, sedimentary cycles (phosphorous cycle)
9-10	6	Energy and its relationship to the environmental system	The student learns about Energy and its relationship to the environmental system
11-12	6	Production and its relationship to the ecosystem.	That the student learns the concept of the Productivity and Relationship in ecological.
13-14	6	Food Chains, Environmental Pyramids	Explain everything that related with (Numeric Pyramid of Energy) - Volumetric
14-15	6	Tolerance levels and limiting factors	The student learns about Tolerance levels and limiting factors
Final Exam			



Delivery Plan (Weekly Lab. Syllabus)

المنهاج الاسبوعي للمختبر

	Material Covered
Week 1	Lab 1: Introduction to Practical Ecology
Week 2	Lab 2: Relative humidity
Week 3	Lab 3: Atmospheric pressure
Week 4	Lab 4: Other instruments and devices are used in ecology for different purpose
Week 5	Lab 5: Turbidity and nephelometer
Week 6	Lab 6: Electrical conductivity
Week 7	Lab 7: Spectrometer (spectrophotometer, spectrograph or spectroscope)

Module Evaluation:-

Module Evaluation

تقييم المادة الدراسية

		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
Formative assessment (40%)	Quizzes	2	10% (10)	5, 10	LO #1, 2, 10 and 11
	Assignments & H.W.	2	10% (10)	2, 12	LO # 3, 4, 6, and 8
	Projects / Lab.	1	10% (10)	Continuous	
	Seminar	1	10% (10)	14	
	Field Visits Report				
	Discussions During Lectures	10		Continuous	ALL
Summative assessment	Midterm Exam (10%)	1hr	10% (10)	8	LO # 1-15
	Final Exam (50%)	3hr	50% (50)	16	All
Total assessment			100% (100 Marks)		



توزيع الساعات المجدولة و الغير مجدولة (SWL= SSWL +USWL)

Activity types	Structured SWL	Un structured SWL	No. of weeks	Time Factor	SWL (hr)
Class	Class Lecturers		15	2	30
Lab.			15	2	30
Tutorial					
Self Study		Self Study	10	1	10
Quizzes		Preparation for the Quizzes	2	3	6
discussions during lectures					
Projects / Lab.	Project Work				
		Preparation for the Project	3	2	6
Seminar	Presenting a Seminar		15	2	30
		Preparation for the Project	1	5	5
Assignments, Home Work		Preparation for the H.W.	2	5	10
Report		Preparation for the Report	2	5	10
Midterm Exam (10%)		Preparation for the Exam.	1	5	5
	Evaluation				
Final Exam (50%)		Preparation for the Exam.	1	5	5
	Evaluation		1	3	3
		Total SWL (hr/ Semester)			150
		ECTS			6



"COURSE PORTFOLIO"

Module Information معلومات المادة الدراسية					
Module Title	General Physics		Module Delivery		
Module Type	B		☐ Theory ☒ Lecture ☒ Lab ☐ Tutorial ☐ Practical ☒ Seminar		
Module Code	ESC-106				
ECTS Credits	6.0				
SWL (hr/sem)	150				
Module Level	1		Semester	2	
Department	Environmental pollution		College	Environmental Sciences	
Module Leader	Mohammed Abdul Kadhim Al-Sadi		E-mail	Mohammed1986@environ.uoqasim.edu.iq	
Module Leader's Acad. Title	Assistant Professor		Module Leader's Qualification	Ph.D.	
Module Tutor	Name (if available)		e-mail		
Peer Reviewer Name	Name		e-mail	E-mail	
Scientific Committee Approval Date	15/06/2023		Version Number	1.0	

Student Workload (SWL): Structured SWL (h/w) (Two contact hours of lectures + Two hours of seminars) + Unstructured SWL (h/w).

Student Workload (SWL) الحمل الدراسي للطالب			
Structured SWL (h/sem) الحمل الدراسي المنتظم للطالب خلال الفصل	79	Structured SWL (h/w) الحمل الدراسي المنتظم للطالب أسبوعياً	5.26
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	71	Unstructured SWL (h/w) الحمل الدراسي غير المنتظم للطالب أسبوعياً	4.73
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	150		



Relation with other Modules:-

Relation with other Modules			
العلاقة مع المواد الدراسية الأخرى			
Prerequisite module	None	Semester	
Co-requisites module	None	Semester	

Module Aims, Learning Outcomes and Indicative Contents

أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية

COURSE DESCRIPTION:	1. التعريف بأساسيات مادة الفيزياء العامة 2. تعليم الطلبة اجراء القياسات العملية بطرق الفيزيائية 3. تعليم الطلبة طرق المعالجة في حالة حصول تلوث اشعاعي. 4. اعتماد اسلوب المشاركة العلمية لبناء شخصية الطالب
Module Aims أهداف المادة الدراسية	1. أهداف المعرفة • ماهي الفيزياء • الحسابات الفيزيائية في التطبيقات العملية • طرق القياس في الانظمة الفيزيائية 2. الأهداف المهاراتية الخاصة بالبرنامج • مهارات علمية في تقبل المعلومة وإعادة صياغتها • مهارات عملية في القياسات الفيزيائية • مهارات فردية وخلق روح المبادرة
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	1. مفهوم الكميات الفيزيائية و وحدات القياس 2. نواع المتجهات 3. مفهوم حركة الاجسام وانواعها 4. التعريف بقوانين نيوتن للحركة 5. التعريف الطاقة (الميكانيكية والكامنة) 6. التعريف بمفهوم الحرارة ومقاييس درجة الحرارة 7. التعريف بمفهوم بالسعة الحرارية و التمدد وطرق انتقال الحرارة 8. التعريف بمفهوم السعة الحرارية النوعية 9. التعريف بمفهوم الطاقة الضوئية والطيف الكهرومغناطيسي 10. التعريف بمفهوم خصائص الموجات الكهرومغناطيسية 11. التعريف بمفهوم المرايا وخصائص الصور المتكونة بها 12. التعريف بمفهوم الطاقة الكهربائية 13. التعريف بمفهوم خصائص الربط للدوائر الكهربائية 14. التعريف بمفهوم الاشعاع ومصادره 15. التعريف بمفهوم تصنيف الاشعاعات في البيئة المحيطة



Indicative Contents المحتويات الإرشادية	اساسيات الفيزياء العامة للمؤلف فريدريك.ج.بوش
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Learning and Teaching Resources

مصادر التعلم والتدريس

	Text	Available in the Library?
Required Texts	اساسيات الفيزياء العامة للمؤلف فريدريك.ج.بوش	No
Recommended Texts	علم الفيزياء / د. ياسين محمد عبد السلام	No
Websites	د. حازم سكيك/شبكة الفيزياء التعليمية	

Grading Scheme

مخطط الدرجات

Group	Grade	التقدير	Marks (%)	Definition
Success Group (50 - 100)	A – Excellent	امتياز	90 - 100	Outstanding Performance
	B - Very Good	جيد جدا	80 - 89	Above average with some errors
	C – Good	جيد	70 - 79	Sound work with notable errors
	D – Satisfactory	متوسط	60 - 69	Fair but with major shortcomings
	E – Sufficient	مقبول	50 - 59	Work meets minimum criteria
Fail Group (0 – 49)	FX – Fail	راسب (قيد المعالجة)	(45-49)	More work required but credit awarded
	F – Fail	راسب	(0-44)	Considerable amount of work required

COURSE SCHEDULE:-

1. مخرجات التعلم المطلوبة وطرائق التعليم والتعلم والتقييم
أ-الاهداف المعرفية
1. ماهي الفيزياء
2. الحسابات الفيزيائية في التطبيقات العملية
3. طرق القياس في الانظمة الفيزيائية



ب- الاهداف المهاراتية الخاصة بالبرنامج	
1 - مهارات علمية في تقبل المعلومة واعادة صياغتها	
2 - مهارات عملية في القياسات الفيزيائية	
3 - مهارات فردية وخلق روح المبادرة	
طرائق التعليم والتعلم	
1- الشرح والتوضيح	
2- طريقة عرض النموذج	
3- طريقة المحاضرة	
4- طريقة التعلم الذاتي	
طرائق التقييم	
1- الاختبارات العملية	
2- الاختبارات النظرية	
3- التقارير	
ج- الاهداف الوجدانية والقيمية	
ج1- الملاحظة والادراك	
ج2- التحليل والتفسير	
ج3- الاستنتاج والتقييم	
ج4- الاعداد والتقويم	
طرائق التعليم والتعلم	
1- الشرح والتوضيح	
2- طريقة عرض النموذج	
3- طريقة المحاضرة	
طريقة التعلم الذاتي	
طرائق التقييم	
1- الاختبارات العملية	
2- الاختبارات النظرية	
3- التقارير والدراسات	



12- التخطيط للتطور الشخصي

1- مهارات القيادة

2- تطوير اللغة كون المادة باللغة الانكليزية

3- اتباع اسلوب القاء محاضرة اختيارية من قبل الطالب

4- تطوير قابلية ربط المواضيع والاستنتاجات

13- اهم مصادر البرنامج: اساسيات الفيزياء العامة للمؤلف فريدريك.ج.بوش

14- بنية المقرر

الأسبوع	الساعات	مخرجات التعلم المطلوبة	اسم الوحدة / المساق أو الموضوع	طريقة التعليم	طريقة التقييم
1-	2	مفهوم الكميات الفيزيائية و وحدات القياس	الكميات الفيزيائية و وحدات القياس	الشرح والتوضيح	الاختبارات النظرية
2-	2	نواع المتجهات	المتجهات	عرض المحاضرة	الاختبارات النظرية + التقارير
3-	2	مفهوم حركة الاجسام وانواعها	حركة الاجسام وانواعها	الشرح والتوضيح	الاختبارات النظرية
4-	2	التعريف بقوانين نيوتن للحركة	قوانين نيوتن للحركة	عرض المحاضرة	الاختبارات النظرية + التقارير
5-	2	التعريف الطاقة (الميكانيكية والكامنة)	الطاقة (الميكانيكية والكامنة)	التعليم الذاتي	الاختبارات النظرية
6-	2	التعريف بمفهوم الحرارة ومقاييس درجة الحرارة	الحرارة ومقاييس درجة الحرارة	الشرح والتوضيح	الاختبارات النظرية + التقارير
7-	2	التعريف بمفهوم بالسعة الحرارية و التمدد وطرق انتقال الحرارة	السعة الحرارية و التمدد وطرق انتقال الحرارة	الشرح والتوضيح	الاختبارات النظرية
8-	2	التعريف بمفهوم السعة الحرارية النوعية	السعة الحرارية النوعية	عرض المحاضرة	الاختبارات النظرية + التقارير
9-	2	التعريف بمفهوم الطاقة الضوئية والطيف	الطاقة الضوئية والطيف الكهرومغناطيسي	التعليم الذاتي	الاختبارات النظرية



			الكهر ومغناطيسي		
الاختبارات النظرية + التقارير	الشرح والتوضيح	خصائص الموجات الكهر ومغناطيسية	التعريف بمفهوم خصائص الموجات الكهر ومغناطيسية	2	-10
الاختبارات النظرية	الشرح والتوضيح	المرايا وخصائص الصور المتكونة بها	التعريف بمفهوم المرايا وخصائص الصور المتكونة بها	2	-11
الاختبارات النظرية + التقارير	عرض المحاضرة	الطاقة الكهربائية	التعريف بمفهوم الطاقة الكهربائية	2	-12
الاختبارات النظرية	التعليم الذاتي	خصائص الربط للدوائر الكهربائية	التعريف بمفهوم خصائص الربط للدوائر الكهربائية	2	-13
الاختبارات النظرية + التقارير	الشرح والتوضيح	الاشعاع ومصادرة	التعريف بمفهوم الاشعاع ومصادرة	2	-14
الاختبارات النظرية	عرض المحاضرة	تصنيف الاشعاعات في البيئة المحيطة	التعريف بمفهوم تصنيف الاشعاعات في البيئة المحيطة	2	-15

Delivery Plan (Weekly Lab. Syllabus)

المنهاج الاسبوعي للمختبر

	Material Covered
Week 1	مقدمة عن الحساب الفيزيائي والقياس: Lab 1.
Week 2	الشغل والتعجيل الارضي: Lab 2.
Week 3	قانون هوك: Lab 3.
Week 4	اللزوجة: Lab 4.
Week 5	خواص كاشف الغازي كايكر ميلر: Lab 5.
Week 6	معامل الاحتكاك الشروعي: Lab 6.
Week 7	الشد السطحي: Lab 7.
Week 8	قانون اوم: Lab 8.
Week 9	تعيين البعد البؤري لعدسة لامة: Lab 9.



Week 10	قياس الخلفية الإشعاعية باستخدام كاشف كايكر: Lab 10
Week 11	قياس شدة الاضاءة: Lab 11
Week 12	التعرف على خواص كاشف الاثر النووي: Lab 12

Module Evaluation:-

Module Evaluation تقييم المادة الدراسية					
		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
Formative assessment (40%)	Quizzes	2	10% (10)	5, 10	LO #1, 2, 10 and 11
	Assignments& H.W.	2	10% (10)	2, 12	LO # 3, 4, 6, and 8
	Projects / Lab.	1	10% (10)	Continuous	
	Seminar	1	10% (10)	14	
	Field Visits Report				
	Discussions During Lectures	10		Continuous	ALL
Summative assessment	Midterm Exam (10%)	1hr	10% (10)	8	LO # 1-15
	Final Exam (50%)	3hr	50% (50)	16	All
Total assessment			100% (100 Marks)		

توزيع الساعات المجدولة و الغير مجدولة (SWL= SSWL +USWL)

Activity types	Structured SWL	Un structured SWL	No. of weeks	Time Factor	SWL (hr)
Class	Class Lecturers		15	2	30
Lab.			15	2	30
Tutorial					
Self Study		Self Study	10	1	10
Quizzes		Preparation for the Quizzes	2	3	6
discussions during lectures					
Projects / Lab.	Project Work				
		Preparation for the Project	3	2	6
Seminar	Presenting a Seminar		30	1	30
		Preparation for the Project	2	5	10
Assignments, Home Work		Preparation for the H.W.	2	5	10
Report		Preparation for the Report	1	5	5
Midterm Exam (10%)		Preparation for the Exam.	1	5	5
	Evaluation				
Final Exam (50%)		Preparation for the Exam.	1	5	5
	Evaluation		1	3	3

Ministry of Higher Education and Scientific Research

Al-Qasim Green University/College of Environmental Sciences

Environmental pollution Department



		Total SWL (hr/ Semester)	150
		ECTS	6



"COURSE PORTFOLIO"

Module Information معلومات المادة الدراسية			
Module Title	Biostatistics		Module Delivery
Module Type	Basic (B)		☐ Theory ☒ Lecture ☐ Tutorial ☒ Practical ☒ Lab ☐ Seminar
Module Code	QEPE3607		
ECTS Credits	6.0		
SWL (hr/sem)	150		
Module Level	1	Semester	1
Department	Environmental Health	College	Environmental Sciences
Module Leader	Moamen Abbas Mousa	E-mail	Moamin.Abbas@environ.uoqasim.edu.iq
Module Leader's Acad. Title	Assistant Professor	Module Leader's Qualification	Ph.D.
Module Tutor	Name (if available)	e-mail	
Peer Reviewer Name	Name	e-mail	E-mail
Scientific Committee Approval Date	06/06/2023	Version Number	1.0

Student Workload (SWL): Structured SWL (h/w) (Two contact hours of lectures + Two hours of seminars) + Unstructured SWL (h/w) .

Student Workload (SWL) الحمل الدراسي للطالب			
Structured SWL (h/sem) الحمل الدراسي المنتظم للطالب خلال الفصل	79	Structured SWL (h/w) الحمل الدراسي المنتظم للطالب أسبوعياً	5.26
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	71	Unstructured SWL (h/w) الحمل الدراسي غير المنتظم للطالب أسبوعياً	4.73
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	150		

Relation with other Modules:-



Relation with other Modules			
العلاقة مع المواد الدراسية الأخرى			
Prerequisite module	None	Semester	
Co-requisites module	None	Semester	

Module Aims, Learning Outcomes and Indicative Contents	
أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية	
COURSE DESCRIPTION:	This course focuses on the Concepts and definitions:- Analytical Chemistry
Module Aims أهداف المادة الدراسية	Acquire the necessary Biostatistics knowledge of the taught subjects and understand the meanings behind each Biostatistics concept, and Explains the biological reserve of statistics with the use of statistical parchment as tools and methods in biology
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	This course includes detail studies about selecting samples, organization and displaying data, summarizing data, the Normal distribution, sampling distribution of means, estimation of population means, tests of significance, The chi-square test, correlation and regression, and analysis of variance
Indicative Contents المحتويات الإرشادية	Indicative content includes the following. 1-Norman Geoffrey R. (2014) Biostatistics: The Bare Essentials, PMPHUSA; 4 edition 2- الاحصاء الحيوي وتصميم التجارب (أ.د عبد الحليم عشاوي، ا.د صلاح جلال، و ا.د محمد حسين صادق) مصر (2008)

Learning and Teaching Resources		
مصادر التعلم والتدريس		
	Text	Available in the Library?
Required Texts	1. "Norman Geoffrey R. (2014) Biostatistics: The Bare Essentials, PMPHUSA; 4 edition	No
Recommended Texts	1. "Discrete Mathematics and Its Applications" by Kenneth H. Rosen, 2007. 2- الاحصاء واختبارات التشخيص الطبيه (تأليف د. فراس السامرائي ، العراق 2015 3- الاحصاء الحيوي وتصميم التجارب (أ.د عبد الحليم عشاوي، ا.د صلاح جلال، و ا.د محمد حسين صادق) مصر (2008)	No



Websites				
Grading Scheme مخطط الدرجات				
Group	Grade	التقدير	Marks (%)	Definition
Success Group (50 - 100)	A – Excellent	امتياز	90 - 100	Outstanding Performance
	B - Very Good	جيد جدا	80 - 89	Above average with some errors
	C – Good	جيد	70 - 79	Sound work with notable errors
	D – Satisfactory	متوسط	60 - 69	Fair but with major shortcomings
	E – Sufficient	مقبول	50 - 59	Work meets minimum criteria
Fail Group (0 – 49)	FX – Fail	راسب (قيد المعالجة)	(45-49)	More work required but credit awarded
	F – Fail	راسب	(0-44)	Considerable amount of work required
Note: Marks Decimal places above or below 0.5 will be rounded to the higher or lower full mark (for example a mark of 54.5 will be rounded to 55, whereas a mark of 54.4 will be rounded to 54. The University has a policy NOT to condone "near-pass fails" so the only adjustment to marks awarded by the original marker(s) will be the automatic rounding outlined above.				

COURSE SCHEDULE:-

Week	hours	Topics Covered	Learning Outcomes
1-2	6	Data graphic display	To introduce the student to the different types of Data graphic display
3-4	6	measures of central tendency	To learn the methods of expressing of the measures of central tendency
5-6	6	Dispersion measures	That the student learn the Relations of Dispersion measures
7-8	6	correlation and regression	That the student learn the correlation and regression



9-10	6	Chi-square test	The student learns about Chi-square test
11-12	6	Biostatistics data analysis	That the student learns the concept of the analysis Biostatistics data.
13-14	6	T - test	Explain everything that related with different type of (T test)
14-15	6	F - test	Explain everything that related with different type of (F test)
Final Exam			

Module Evaluation:-

Module Evaluation تقييم المادة الدراسية					
		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
Formative assessment (40%)	Quizzes	2	10% (10)	5, 10	LO #1, 2, 10 and 11
	Assignments & H.W.	2	10% (10)	2, 12	LO # 3, 4, 6, and 8
	Projects / Lab.	1	10% (10)	Continuous	
	Seminar	1	10% (10)	14	
	Field Visits Report				
	Discussions During Lectures	10		Continuous	ALL
Summative assessment	Midterm Exam (10%)	1hr	10% (10)	8	LO # 1-15
	Final Exam (50%)	3hr	50% (50)	16	All
Total assessment			100% (100 Marks)		

توزيع الساعات المجدولة و الغير مجدولة (SWL= SSWL +USWL)

Activity types	Structured SWL	Un structured SWL	No. of weeks	Time Factor	SWL (hr)
Class	Class Lecturers		15	2	30
Lab.			15	2	30
Tutorial					
Self Study		Self Study	10	1	10
Quizzes		Preparation for the Quizzes	2	3	6
discussions during lectures					



Projects / Lab.	Project Work				
		Preparation for the Project	3	2	6
Seminar	Presenting a Seminar		15	2	30
		Preparation for the Project	1	5	5
Assignments, Home Work		Preparation for the H.W.	2	5	10
Report		Preparation for the Report	2	5	10
Midterm Exam (10%)		Preparation for the Exam.	1	5	5
	Evaluation				
Final Exam (50%)		Preparation for the Exam.	1	5	5
	Evaluation		1	3	3
		Total SWL (hr/ Semester)			150
		ECTS			6



"COURSE PORTFOLIO"

Module Information معلومات المادة الدراسية			
Module Title	Environmental pollution Science		Module Delivery
Module Type	Core (C)		☐ Theory ☒ Lecture ☒ Lab ☐ Tutorial ☒ Practical ☐ Seminar
Module Code	QEHE3603		
ECTS Credits	6.0		
SWL (hr/sem)	150		
Module Level	1	Semester	2
Department	Environmental pollution	College	Environmental Sciences
Module Leader	Abdulwahhab Jasim Mahdi	E-mail	dr.abdulwahhabjasimmahdi@environ.uoqasim.edu.iq
Module Leader's Acad. Title	lecturer	Module Leader's Qualification	Ph.D.
Module Tutor	Name (if available)	e-mail	
Peer Reviewer Name	Name	e-mail	E-mail
Scientific Committee Approval Date	07/06/2023	Version Number	1.0

Student Workload (SWL): Structured SWL (h/w) (Two contact hours of lectures + Two hours of seminars) + Unstructured SWL (h/w).

Student Workload (SWL) الحمل الدراسي للطالب			
Structured SWL (h/sem) الحمل الدراسي المنتظم للطالب خلال الفصل	93	Structured SWL (h/w) الحمل الدراسي المنتظم للطالب أسبوعياً	6
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	57	Unstructured SWL (h/w) الحمل الدراسي غير المنتظم للطالب أسبوعياً	3.8
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	150		



Relation with other Modules:-

Relation with other Modules			
العلاقة مع المواد الدراسية الأخرى			
Prerequisite module	None	Semester	
Co-requisites module	None	Semester	

Module Aims, Learning Outcomes and Indicative Contents

أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية

COURSE DESCRIPTION:	This course focuses on the Concepts and definitions: - Environmental Pollution
Module Aims أهداف المادة الدراسية	The goal of this course is Giving a brief overview of the importance of teaching the environmental pollution subject, and the students' knowledge of the type pollutant and the source, causes & the method of treated it, through theoretical explanation and practical experiments related to these topics.
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	At the completion of the course, students are expected to be able to: understanding the fundamentals of environmental pollution, what is the meaning of the environmental pollution and what is its concept, and having wide idea about the pollution & pollutants types and how to deal with them by knowing the source of it and how to treated it.
Indicative Contents المحتويات الإرشادية	Indicative content includes the following. 1- Environmental and Pollution Science Edited by: Mark Brusseau, Ian L Pepper, Charles Gerba 2- Environmental Pollution Author: Vijay P Singh, Shalini Yadav, Ram Narayan Yadava 3- Environmental Pollution and Remediation Author: Ram Prasad



Learning and Teaching Resources

مصادر التعلم والتدريس

	Text	Available in the Library?
Required Texts	1- Environmental Pollution and Control 4th Edition Author: Jeffery and Ruth 2- The Science of Environmental Pollution Author: Frank R. Spellman	No
Recommended Texts	Environmental Pollution, Environment and Ecology – , Climate Change and Disaster Management – Tim Smedley (Access Publishers)	No
Websites		

Grading Scheme

مخطط الدرجات

Group	Grade	التقدير	Marks (%)	Definition
Success Group (50 - 100)	A – Excellent	امتياز	90 - 100	Outstanding Performance
	B - Very Good	جيد جدا	80 - 89	Above average with some errors
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Note: Marks Decimal places above or below 0.5 will be rounded to the higher or lower full mark (for example a mark of 54.5 will be rounded to 55, whereas a mark of 54.4 will be rounded to 54. The University has a policy NOT to condone "near-pass fails" so the only adjustment to marks awarded by the original marker(s) will be the automatic rounding outlined above.

COURSE SCHEDULE:-



Week	hours	Topics Covered	Learning Outcomes
1-2	6	pollution and its types	Learning the pollution and general information about pollution types
3-4	6	Studying Water pollution and knowing its causes and treatment methods	To learn how to know water pollution and treat it
5-6	6	Studying Soil pollution and knowing its causes and treatment methods	That the student learns how to deal with soil pollution and how to avoid the pollutants which its cause it
7-8	6	Studying Air pollution and knowing its causes and treatment methods	That the student learns how to deal with Air pollution and how to avoid the pollutants which its cause it & how to protect the environment
9-10	6	Studying industrial pollution and knowing its causes and treatment methods	That the student learns how to deal with industrial pollution and how to avoid it & how to develop the industrial and the environment by reducing the pollutants generation
11-12	6	Studying Noise pollution and knowing its causes and treatment methods	That the student learns the concept of the Productivity and Relationship in ecological.
13-14	6	Studying Radiation pollution and knowing its causes and treatment methods	Explain everything that related with (Numeric Pyramid of Energy) - Volumetric
14-15	6	Energy and its relationship to the environmental pollution	The student learns about Energy and its relationship to the environmental pollution
Final Exam			



Delivery Plan (Weekly Lab. Syllabus)

المنهاج الاسبوعي للمختبر

	Material Covered
Week 1	Lab 1: Introduction to Practical pollution
Week 2	Lab 2: Total hardness
Week 3	Lab 3: Calcium hardness
Week 4	Lab 4: Magnesium hardness
Week 5	Lab 5: Electrical conductivity (EC)
Week 6	Lab 6: Total dissolved solid (TDS)
Week 7	Lab 7: Turbidity

Module Evaluation:-

Module Evaluation

تقييم المادة الدراسية

		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
Formative assessment (40%)	Quizzes	2	10% (10)	5, 10	LO #1, 2, 10 and 11
	Assignments & H.W.	2	10% (10)	2, 12	LO # 3, 4, 6, and 8
	Projects / Lab.	1	10% (10)	Continuous	
	Seminar	1	10% (10)	14	
	Field Visits Report				
	Discussions During Lectures	10		Continuous	ALL
Summative assessment	Midterm Exam (10%)	1hr	10% (10)	8	LO # 1-15
	Final Exam (50%)	3hr	50% (50)	16	All
Total assessment			100% (100)		



Marks)

توزيع الساعات المجدولة و الغير مجدولة (SWL= SSWL +USWL)

Activity types	Structured SWL	Un structured SWL	No. of weeks	Time Factor	SWL (hr)
Class	Class Lecturers		15	2	30
Lab.			15	2	30
Tutorial					
Self Study		Self Study	10	1	10
Quizzes		Preparation for the Quizzes	2	3	6
discussions during lectures					
Projects / Lab.	Project Work				
		Preparation for the Project	3	2	6
Seminar	Presenting a Seminar		15	2	30
		Preparation for the Project	1	5	5
Assignments, Home Work		Preparation for the H.W.	2	5	10
Report		Preparation for the Report	2	5	10
Midterm Exam (10%)		Preparation for the Exam.	1	5	5
	Evaluation				
Final Exam (50%)		Preparation for the Exam.	1	5	5
	Evaluation		1	3	3
		Total SWL (hr/ Semester)			150
		ECTS			6



"COURSE PORTFOLIO"

Module Information معلومات المادة الدراسية			
Module Title	Computer science 1		Module Delivery
Module Type	Basic (B)		x Theory ☒ Lecture ☒ Lab ☐ Tutorial ☒ Practical ☐ Seminar
Module Code	QEHE1609		
ECTS Credits	6.0		
SWL (hr/sem)	150		
Module Level	1	Semester	2
Department	Environmental pollutin	College	Environmental Sciences
Module Leader	Jabir Shaker Hameed	E-mail	dr.mustafa@environ.uoqasim.edu.iq
Module Leader's Acad. Title	Assistant Professor	Module Leader's Qualification	Ph.D.
Module Tutor	Name (if available)	e-mail	Jabirshaker@environ.uoqasim.edu.iq
Peer Reviewer Name	Name	e-mail	E-mail
Scientific Committee Approval Date	06/06/2023	Version Number	1.0

Student Workload (SWL): Structured SWL (h/w) (Two contact hours of lectures + Two hours of seminars) + Unstructured SWL (h/w) .

Student Workload (SWL) الحمل الدراسي للطالب			
Structured SWL (h/sem) الحمل الدراسي المنتظم للطالب خلال الفصل	79	Structured SWL (h/w) الحمل الدراسي المنتظم للطالب أسبوعياً	5
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	71	Unstructured SWL (h/w) الحمل الدراسي غير المنتظم للطالب أسبوعياً	3.8
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	150		

Relation with other Modules:-



Relation with other Modules			
العلاقة مع المواد الدراسية الأخرى			
Prerequisite module	None	Semester	
Co-requisites module	None	Semester	

Module Aims, Learning Outcomes and Indicative Contents	
أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية	
COURSE DESCRIPTION:	This course focuses on concepts and definitions of computer science
Module Aims أهداف المادة الدراسية	The aim of this course is to develop the basic skills and knowledge to raise issues associated with computer science
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	At the completion of the course, students are expected to be able to: 1. Understands the nature of computers and knows the types of computers and their peripherals. 2- Knows the benefits of the computer and its peripherals, and understands how to benefit from the computer in various fields of life. 3- Distinguish how information enters and exits the computer and between different types of operating systems. 4- To compare the physical parts and the software parts of the computer. Get to know the internal parts of the computer concretely. 5- It evaluates the use of computers in various aspects of daily life and its impact on development. 6- Learn the concept of information that a computer deals with and its classification. 7- Developing and demonstrating his own computer skills and training Has experience using the operating system. 8- Have experience using the operating system
Indicative Contents المحتويات الإرشادية	Indicative content includes the following. 1- اساسيات الحاسوب و تطبيقاته المكتبية (الجزء الأول)، أ.م.د. زياد محمد عبود، أ.د. غسان حميد عبد المجيد، أ.م.د. امير حسين مراد، م. بلال كمال احمد، الدار الجامعية للطباعة و النشر و الترجمة، بغداد- العراق، 2014. 2- اساسيات الحاسوب وتطبيقاته المكتبية – وزارة التعليم العالي والبحث العلمي – دائرة البحث والتطوير 2- سلسلة يسر المصطفى للعلوم " اساسيات الحاسوب والانترنت اوفيس 2010، د. زياد محمد عبود، دار

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Environmental pollution Department



الدكتور للنشر والتوزيع – بغداد 2013

Learning and Teaching Resources

مصادر التعلم والتدريس

	Text	Available in the Library?
Required Texts	1- computer literacy BASICS 2012, Leblanc, Brandon “ A closer look at the windows 7. 2009	No
Recommended Texts	computer fundamentals , innovative training works USA, Inc, 2006	No
Websites		

Grading Scheme

مخطط الدرجات

Group	Grade	التقدير	Marks (%)	Definition
Success Group (50 - 100)	A – Excellent	امتياز	90 - 100	Outstanding Performance
	B - Very Good	جيد جدا	80 - 89	Above average with some errors
	C – Good	جيد	70 - 79	Sound work with notable errors
	D – Satisfactory	متوسط	60 - 69	Fair but with major shortcomings
	E – Sufficient	مقبول	50 - 59	Work meets minimum criteria
Fail Group (0 – 49)	FX – Fail	راسب (قيد المعالجة)	(45-49)	More work required but credit awarded
	F – Fail	راسب	(0-44)	Considerable amount of work required

Note: Marks Decimal places above or below 0.5 will be rounded to the higher or lower full mark (for example a mark of 54.5 will be rounded to 55, whereas a mark of 54.4 will be rounded to 54. The University has a policy NOT to condone "near-pass fails" so the only adjustment to marks awarded by the original marker(s) will be the automatic rounding outlined above.

COURSE SCHEDULE:-

Week	hours	Topics Covered	Learning Outcomes
1-2	6	An introduction to the study of computer science. A practical overview of the computer and its peripherals. General introduction. Get to know the	. Understands the nature of computers and knows the types of computers and their peripherals.



		Software and its parts.	
3-5	9	Introducing the benefits of a computer. operating system and its functions. Computer features and characteristics. Types of operating systems in computers.	Knows the benefits of the computer and its peripherals, and understands how to benefit from the computer in various fields of life. Distinguish how information enters and exits the computer and between different types of operating systems.
6	3	The need to use a computer in light of the development in our daily lives. operating systems . Personal computers and the difference between them.	To compare the physical parts and the software parts of the computer. Get to know the internal parts of the computer concretely.
7-8	6	Computer types / desktop computers. Network operating systems / their drawbacks and examples. Portable computers and their types. Smart device operating systems and features of each. Smart devices and their types. Windows7 General Introduction.	It evaluates the use of computers in various aspects of daily life and its impact on development.
9-10	6	Mainframes. Desktop and its core components. Network computers and their types. My Computer and its features.	Learn the concept of information that a computer deals with and its classification.
11-14	12	-Computer components. How to deal with icons and delete them. Hardware & Software comprehensive definition. My Documents & Recycle Bin The relationship between hardware,	- Developing and demonstrating his own computer skills and training Has experience using the operating system.



		software and the user. Screen bars Title Bar & Menus Computer physical parts and divisions. Address Bar , Tool Bar & Status Bar.	
15	3	Mouse & Keyboard, their types and benefits. Vol.	Have experience using the operating system
Final Exam			

Delivery Plan (Weekly Lab. Syllabus)

المنهاج الاسبوعي للمختبر

	Material Covered
Week 1	Lab 1: Case Power Supply, how they work, and their benefits. Folder benefits, properties and control.
Week 2	Lab 2: Motherboard and its types and the difference between the types. Desktop right click menu.
Week 3	Lab 3: The importance of the Motherboard and its quality for the computer in general. Gadgets and how to deal with them.
Week 4	Lab 4: secondary storage units. Copy and move files and folders on the computer.
Week 5	Lab 5: hard disk. Define a group of files and folders and their properties.
Week 6	Lab 6: Floppy disk and its types. Shortcut, how to create it, and its features.
Week 7	Lab 7: CD & DVD and the difference between them. Desktop control and settings.
Week 8	Lab: Flash Memory & Blu-Ray .Screen Resolution & Screen Saver
Week 9	Lab: CPU. Start menu and its importance.
Week 10	Lab: Components of the CPU and how each of those components work. The right section of the Start menu.
Week 11	Lab: Memory and its importance. The left section of the Start menu.
Week 12	Lab: RAM and its work. taskbar properties.
Week 13	Lab: ROM, its types and the difference between them.

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Week 14	Lab: Start menu properties.
Week 15	Lab: UPS, scanner and printer

Module Evaluation:-

Module Evaluation تقييم المادة الدراسية					
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discussions during lectures					
Projects / Lab.	Project Work				
		Preparation for the	3	2	6



		Project			
Seminar	Presenting a Seminar		15	2	30
		Preparation for the Project	1	5	5
Assignments, Home Work		Preparation for the H.W.	2	5	10
Report		Preparation for the Report	2	5	10
Midterm Exam (10%)		Preparation for the Exam.	1	5	5
	Evaluation				
Final Exam (50%)		Preparation for the Exam.	1	5	5
	Evaluation		1	3	3
		Total SWL (hr/ Semester)			150
		ECTS			6