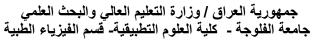


مخرجات التعلم للمادة الدراسية





### MODULE DESCRIPTION FORM

نموذج و صف المادة الدر اسية <mark>( كهر بائية و مغناطيسية)</mark>									
Module Information									
			مادة الدراسية	معلومات ال					
Module Title		Elec	tricity and Magneti	sm	M	odule D	elivery		
Module Type			Core			I⊽	Theory	☐ Tuto	rial
Module Code			MPH-111				Lecture	□ Tuto	i iai
ECTS Credits			8				] Practical	⊠ Sem	inar
SWL (hr/sem)			200						
Module Level			1	Semester	of Deli	very		1	
Administering Dep			MPH	College			ences – Fal		
Module Leader			l-Al-jumailli	e-mail			<u>milli@</u> uofa	_	
Module Leader's A			Lecture	Module L				Ph.D	
Module Tutor	Dr. Ahr		l-Al-jumailli	e-mail	ahmed	l.aljum	<u>illi@</u> uofallı	ujah.edu	.iq
Peer Reviewer Na	me	A	Asst. Prof. Dr. Hamid Ahmed Fayyadh	e-mail	dr.han	r.hamedahmedfayyad@uofallujah.e		ıjah.edu.iq	
Scientific Committe Date	ee Appro	oval	01/08/2023	Version N	Number	nber 1.0			
			Relation with o	ther Mo	dules				
			د الدراسية الأخرى	نة مع المواد	العلاة				
Prerequisite modu	ıle	None	e				Semeste	er	
Co-requisites mod	ule	Mec	hanics 2				Semeste	er	1
	Modu	le Ai	ms, Learning Outco	mes and	Indica	tive (	Contents	}	
			ج التعلم والمحتويات الإرش						
	The aim of this module is to provide students with a solid foundation in the principl of electric charge, electric and magnetic fields, and the interactions between the Students will gain an understanding of the laws governing electromagnetism a develop the ability to apply these principles to various charge and curred distributions. Additionally, students will explore the behavior of magnetic material and their relevance in various applications.					veen them. netism and nd current			
Module Learr Outcomes	_	of el varion the la for the By the	e learning outcomes aim lectric and magnetic phe ous practical scenarios and aboratory experiments ar he scientific method and one end of this module, students are the concept of electric method and one end of this module, students are end of this module.	enomena, of d research and commur effective di audents sho	enabling areas in ication issemination in its and in its and in its and its an	them physic skills w ation of ble to:	to apply to and engi ill foster a d scientific k	their kn ineering deeper a knowled	owledge to Moreover, ppreciation ge.

Understand the principles of Gauss's law.

Understand Maxwell's equations.

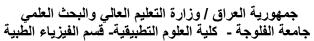
Describe the magnetic field and magnetic force.

Analyze electric field lines from different charge distributions.

and use appropriate tools to measure and analyze the experimental data.

Perform laboratory experiments related to electric charge, electric and magnetic fields,







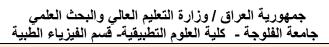
areaDos over	- فسم القيرياء الطبير	4 العلوم التطبيقية	جامعه القلوجه - كلية	2013-1433			
	Communicate s		cientific concepts and results effectively through written reports and ns.				
	The indicative contents aim to provide students with a well-rounded understanding of						
Indicative Contents	electric and magnetic phenomena, their underlying principles, and their practical						
المحتويات الإرشادية	applications. The module's structure includes theoretical concepts, mathematical						
المحلويات الإرسالية	calculations, lab	ooratory exper	iments, and real-world examples, fostering	a deep and			
	practical knowle	edge of electro	omagnetism.				
	Learning and Teaching Strategies						
		، التعلم والتعليم	استراتيجيات				
	The primary approach for delivering this module will focus on promoting active student						
	engagement and enhancing their critical thinking abilities. This will be accomplished						
Strategies	through interactive classes, engaging tutorials, and the inclusion of intriguing, hands-						
	on experiments that pique the students' interest. By encouraging participation and						
	incorporating practical exercises, the goal is to foster a deeper understanding of the						
	subject matter and cultivate critical thinking skills among the students.						
	Stu	dent Work	doad (SWL)				
	1 اسبوعا	ب محسوب لـ 5	الحمل الدر اسي للطالب				
Structured SWL (h/sem)		130	Structured SWL (h/w)	٨			
الحمل الدراسي المنتظم للطالب خلال الفصل		130	الحمل الدراسي المنتظم للطالب أسبوعيا	Λ			
Unstructured SWL (h/ser	m)	70	Unstructured SWL (h/w)	Г.С			
غير المنتظم للطالب خلال الفصل	الحمل الدراسي ع	70	الحمل الدراسي غير المنتظم للطالب أسبوعيا	5.6			
Total SWL (h/sem)		200					
راسي الكلي للطالب خلال الفصل	الحمل الدر	200					

#### **Module Evaluation**

#### تقييم المادة الدراسية

		Time/Nu mber	Weight (Marks)	Week Due	Relevant Learning Outcome
	Quizzes	2	10% (10)	5, 10	LO #1, 3, 8 and 10
Formative	Assignments	2	10% (10)	2, 12	LO # 2, 4, and 7
assessment	Projects / Lab.	1	10% (10)	Continuous	All
	Report	1	10% (10)	13	LO # 8 and 11
Summative	Midterm Exam	2 hr	10% (10)	7	LO # 1-7
assessment	Final Exam	2hr	50% (50)	16	All
Total assessme	nt		100% (100 Marks)		

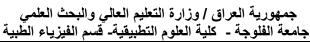






Delivery Plan (Weekly Syllabus)							
	المنهاج الاسبوعي النظري						
	Material Covered						
Week 1	Electric charge, Conductor and insulator						
Week 2	Coulomb's law, Charge is quantized, Charge is conserved						
Week 3	Electric field, Electric field lines						
Week 4	Electric field due to point charge Electric field due to an electric dipole						
Week 5	Electric field due to a line of charge Electric field due to charge disk						
Week 6	Gauss law, Flux Flux of an Electric Field, Examples Gauss Law and Coulomb's law						
Week 7	Applying Gauss' law: Cylindrical Symmetry Applying Gauss' Law: Planar Symmetry Applying Gauss' law: Spherical Symmetry						
Week 8	Magnetic field, the definition B, Magnetic Field lines Crosses field: discovered of the electron						
Week 9	A circulating charge particle, Cyclotrons and Synchrotron, Magnetic Force on a Current-Carrying Wire,						
Week 10	Magnetic field due to current, Calculating the magnetic field due to a current, Magnetic Field Due to a Current in a Long Straight Wire,						
Week 11	Magnetic Field Due to a Current in a Circular Arc of Wire, Force between two parallel current						
Week 12	Amperes' law, Magnetic Field Outside a Long Straight Wire with Current Magnetic Field Inside a Long Straight Wire with Current						
Week 13	Maxwell equation, Magnets, Magnetism and electron						
Week 14	Magnetic material, Diamagnetic, Paramagnetic, Ferromagnetic						
Week 15	Review						
Week 16	Final Exam						
	Delivery Plan (Weekly Lab. Syllabus) المنهاج الاسبوعي للمختبر						
	Material Covered						
Week 1	Introduction to the lab equipment and safety procedures.						
Week 2	Experiment 1: Linear and Nonlinear resistance (Ohmic law)						
Week 3	Experiment 2: EMF and Internal Resistance of voltmeter						
Week 4	Experiment 4: Varying Resistance with Conductor Length and Cross-Sectional Area						
Week 5	Experiment 4: Electrical transformer						
Week 6	Experiment 5: A.C circuit with inductance and resistance						
Week 7	Experiment 6: RC Circuit						
Week 8	Midterm Exam						
Week 9	Experiment 7: Resonance in RLC Circuits						
Week 10	Experiment 8: Electrical filters						
Week 11	Experiment 8: Electromagnetic Inductance						
Week 12	Experiment 9: Varying Capacitance with Plate Size, Separation, and Dielectric Material						







Week 13	Experiment 10: Varying Self-Inductance of a Coil with Different Dimensions, Turns Number, and Core
	Material
Week 14	Review
Week 15	Final Exam

#### **Learning and Teaching Resources**

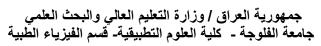
مصادر التعلم والتدريس

	Text	Available in the Library?
Required Texts	<ul> <li>Fundamentals of physics / David Halliday, Robert Resnick, Jearl Walker.—</li> <li>\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \</li></ul>	Yes
Recommended Texts	DC Electrical Circuit Analysis: A Practical Approach Copyright Year: 2020, dissidents.	No
Websites	https://www.coursera.org/browse/physical-science-and-engineering/electrica	l-engineering

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







### MODULE DESCRIPTION FORM

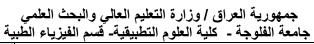
نموذج وصف المادة الدراسية (الرياضيات])

Module Information معلومات المادة الدر اسية								
Module Title	Mathematics I			Module	odule Delivery			
Module Type			Core			☑ Theory	☑ Tutorial	
Module Code		MPH-112				☑ Seminar ☑ Lecture		
ECTS Credits		7			□ Lab	E lecture		
SWL (hr/sem)		150						
Module Level			1	Semeste	er of Deliv	ery	1	
Administering Dep	artm	ent	MPH	College	Applie	Applied sciences – Fallujah University		
Module Leader	Ahn	nad Aziz Dar	weesh	e-mail	Ahmad	Ahmad.darweesh@uofallujah.edu.iq		
Module Leader's A	Acad.	Title	Assist. Prof. Dr.	Module	Leader's	eader's Qualification PH.D		
Module Tutor		Ahmad A	ziz Darweesh	e-mai	Ahmad.	darweesh@u	ofallujah.edu.iq	
Peer Reviewer Name  Assist. Pro Banda		of. Dr. Batool Eneaze er e-mai		<u>Batoole</u>	Batoolen@uofallujah.edu.iq			
Scientific Committee		۱/۷/	2022	Version		1.0	_	
Approval Date		1/ / /	2023	Number	•	1.0		

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					
Module Objectives أهداف المادة الدر اسية	<ol> <li>A student's acquisition of the concept of words and mathematical logic and ways of dealing with them algebraically.</li> <li>Clarify the concept of sets, relationships, functions and links between them and theories related to them.</li> </ol>					
	Upon completing this course, students will:					
Module Learning	<ol> <li>An ability to apply knowledge of mathematics, science and engineering.</li> <li>Evaluate the indefinite and improper integrals by using different integration</li> </ol>					
Outcomes	techniques.					
	<ul><li>3. Identify the definition and properties associated with definite integrals.</li><li>4. Evaluate integrals using the method of substitution.</li></ul>					
مخرجات التعلم للمادة الدراسية	<ol> <li>Solve problems involving applications of integrals including finding volume of solids of revolution and area between curves.</li> </ol>					
	6. Discover determinants and matrices and their properties. Learn Crammer rule for solving a set of matrix system.					
Indicative Contents	1. Familiarity with basic mathematical concepts and principles required for all branches					
Indicative Contents	of mathematics.					
المحتويات الإرشادية	2. Recognize the importance of integration and its applications.					
	3. Knowledge of the concept of specific values and related issues.					





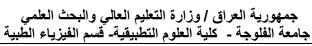


			<del> </del>			
	4. Studying me	ethods of find	ing integration and identifying the most a	appropriate		
	method.					
	Learni	ng and Tead	ching Strategies			
	استر اتيجيات التعلم والتعليم					
1. Thinking creatively and critically.						
2. Talk with a partner or in a small group.						
Strategies 3. Express ideas with linear activities.						
	4. Explore personal positions and values through debate, argument, and discussion.					
	5. Meditation in the educational process.					
	Student Workload (SWL)					
	١٠ اسبوعا	ب محسوب لـ ٥	الفصل الدر اسي للطالب			
Structured SWL (h/sem)		88	Structured SWL (h/w)	6		
سي المنتظم للطالب خلال الفصل	الحمل الدرا	00	الحمل الدراسي المنتظم للطالب أسبوعيا			
Unstructured SWL (h/se	m)	62	Unstructured SWL (h/w)	4.1		
الحمل الدراسي غير المنتظم للطالب أسبوعيا 62 الحمل الدراسي غير المنتظم للطالب خلال الفصل				<u>-</u> -		
Total SWL (h/sem) 150						
اسي الكلي للطالب حارل القصل	الحمل الدر اسي الكلي للطالب خلال الفصل					

Module Evaluation تقييم المادة الدراسية								
		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome			
	Quizzes	2	10% (10)	5 and 10	LO #1, 5, 9 and 10			
Formative	Assignments	2	10% (10)	2 and 12	LO # 3, 4, 7 and 11			
assessment	Projects / Lab.	1	10% (10)	Continuous	All			
	Report	1	10% (10)	13	LO # 5, 8 and 10			
Summative assessment	Midterm Exam	2hr	10% (10)	7	LO # 1-7			
	Final Exam	3hr	50% (50)	16	All			
Total assessm	ent		100% (100 Marks					

	Delivery Plan (Weekly + Lab Syllabus) المنهاج الاسبو عي النظري والعملي					
	Material Covered					
Week 1	Real Numbers and the Real Line, Lines, Circles, and Parabolas					
Week 2	Functions and Their Graphs, Even and Odd Functions					
Week 3	Combining Functions; Shifting and Scaling Graphs, Trigonometric Functions					
Week 4	Limits					
Week 5	Continuity					
Week 6	Differentiation					
Week 7	Differentiation					







Week 8	Transc	Transcendental Functions					
Week 9	Mid-te	Mid-term Exam					
Week 10	Integra	ation					
Week 11	Integra	ation					
Week 12	Integra	ation					
Week 13	Applica	ations of Definite Integrals					
Week 14	Applica	ations of Definite Integrals					
Week 15	Exam						
Week 16	Preparatory week before the final Exam						
		Learning and Teacl	_				
		تعلم والتدريس	مصادر ال				
		Text	Available in the Library?				
Required T	exts	\. Thomas' Calculus, 11th Edition	Required textbooks				
Recommer	nded	<ol> <li>Professors lectures.</li> </ol>	Recommended books and references (scientific				
Texts	Texts 2. The internet. journals, reports						
Websites		Electronic references, websites, Virtu	al library				
	Library locations in some international universities						

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

Asst.prof. Ahmad Aziz Darweesh





### MODULE DESCRIPTION FORM

نموذج وصف المادة الدراسية (كيمياء عامة)

Module Information معلومات المادة الدراسية									
Module Title	General chemistry				Modu	ile De	elivery		
Module Type			Basic						
Module Code			MPH-113				•	Lecti	
ECTS Credits			8					Tuto     Sen	
SWL (hr/sem)			200						
Module Level			1	Semester of	f Deliver	у		1	
Administering Dep	partmen	t	МРН	College	Applied	d scie	nces – Fallu	jah Un	iversity
Module Leader	Ahme	d Neama	ah Ayyash	e-mail	ahmedr	ı.ayy	ash@uofallu	ujah.ed	du.iq
Module Leader's A	Acad. Tit	e	Assistant professor	Module Lea	der's Qu	alific	ation	Ph.D.	
Module Tutor	Ahme	d Neama	ah Ayyash	e-mail	ahmedr	n.ayy	ash@uofallu	ujah.ed	lu.iq
Peer Reviewer Na	me f	Maath Ta	alib AL-Saab	e-mail	Maadsa	Maadsaab65@uofallujal			q
Scientific Committ	ee Appr	oval Dat	e \\/ \/ \/ 2023	Version Nu	ımber 1.0				
			Relation with of د الدر اسية الأخرى						
Prerequisite modu	ıle	None					Semester		
Co-requisites mod	ule	None	ne				Semester		
	Modu		ns, Learning Outcoi ج التعلم والمحتويات الإر						
-The analytical chemistry cour the Medical Physics Department of the Course aims to introduct compounds and their importation of the Course aims at a detailed student of the compounds help the student to know the know how interactions occur			se is determinent. The the studer nce and uses dy of the difference composition of the differenc	ned accorned to the in various ferent streemistry, but these streems are the second to the second t	rding gen us fiel ructu yy foc subst	to the stud eral concep lds. ral composi using on the ances, inclu	ots of sitions are comp	the organic and naming bounds. And	
Module Learr Outcomes التعلم للمادة الدراسية	•	chemi - That structi for the the stu - That	student should know the stry curriculum. It the student is acquain ural structures and physicist vital activity, and recordent distinguishes betwithe student knows the building the student wire wire wire wire wire	inted with the control of the contro	he basices, and for physical erent struces of pre	s and and acturated acturated and acturated acturated and acturated acturated and acturated	d rules of assonances on the sal chemical properties of structures ion method	namin me dif opertic s.	g, different ferent rings

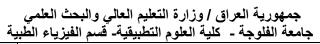


**Unstructured SWL (h/sem)** 

Total SWL (h/sem)

الحمل الدر اسى غير المنتظم للطالب خلال الفصل

الحمل الدراسي الكلي للطالب خلال الفصل





5.6

- That the student is aware of the importance of these compounds and their							
	applications.						
Indicative Contents المحتويات الإرشادية	and final exams. b- Evaluation methods 1- Daily and monthly exams 2- Duties						
3- In-class exercises							
Learning and Teaching Strategies							
		، التعلم والتعليم	استراتيجيات				
Type something like: The main strategy that will be adopted in delivering this module is to encourage students' participation in the exercises, while at the same time refining and expanding their critical thinking skills. This will be achieved through classes interactive tutorials and by considering types of simple experiments involving some sampling activities that are interesting to the students.			time refining ugh classes,				
Student Workload (SWL)							
الحمل ألدر اسى للطالب محسوب لـ ١٥ اسبوعا							
Structured SWL (h/sem) سى المنتظم للطالب خلال الفصل		130	Structured SWL (h/w) الحمل الدر اسى المنتظم للطالب أسبو عيا	٨			

#### **Module Evaluation**

70

Unstructured SWL (h/w)

الحمل الدراسي غير المنتظم للطالب أسبوعيا

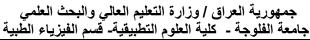
200

تقييم المادة الدراسية

		T .		1	
		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
	Quizzes	2	10% (10)	5 and 10	LO #1, #2 and #9, #11
Formative	Assignments	2	10% (10)	2 and 12	LO #3, #4 and #6, #7
assessment	Projects / Lab.	1	10% (10)	Continuous	All
	Report	1	10% (10)	13	LO #2, #9 and #10
Summative	Midterm Exam	۱hr	10% (10)	7	LO #1 - #7
assessment	Final Exam	3hr	50% (50)	16	All
Total assessment			100% (100 Marks)		

Delivery Plan (Weekly Syllabus) المنهاج الاسبوعي النظري					
Material Covered					
Week 1	Material, atom structure, periodic table and bonds				
Week 2	Week 2 Solutions and their concentrations				
Week 3	Week 3 Statistical processing of analytical data				
Week 4	Chemical equilibria				
Week 5	Acid base theory, pH, puffer solutions				





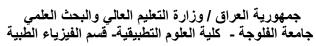


Week 6	Precipitation methods, Gravimetric calculations				
Week 7	Methods of separation				
Week 8	First exam				
Week 9	Organic chemistry, Alkanes, Alkenes, Alkynes				
Week 10	Alcohols, Properties, Reactions				
Week 11	Aldehydes, Ketones, Properties, Reactions				
Week 12	Carboxylic acids, Properties, Reactions				
Week 13	Carboxylic acids, Properties, Reactions				
Week 14	Aromatic compounds, Phenols				
Week 15	Amines, Nitro compounds				
Week 16	Week 16 Second exam				
	Delivery Plan (Weekly Lab. Syllabus)				
	المنهاج الاسبوعي للمختبر				
	Material Covered				
Week 1	Titration methods				
Week 2	Solubility				
Week 3	Extraction				
Week 4	Chromatography methods				
Week 5	Test Reducing Flame				
Week 6	Florestart				
vveek o	Flame test				

		<b>Learning and Teac</b>	ching Reso	ources			
		علم والتدريس	مصادر الت				
	Text						
Required Texts	Skoog (Author), (	undamentals of analytical chemistry. 9th Edition by <u>Douglas A.</u> <u>Koog</u> (Author), Organic Chemistry, 6th Edition 6th Edition by <u>Robert T. Morrison</u> Author), <u>Robert N. Boyd</u> (Author)					
Recommended Texts		ANALYTICAL CHEMISTRY: A Fundamental Approach To Modern Separation Techniques. by Stanley Chris (Ph.D) (Author) August 15, 2022					
Websites							
Grading Scheme مخطط الدرجات							
Group	Grade	التقدير	Marks %	Definition			

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







### MODULE DESCRIPTION FORM

نموذج وصف المادة الدر اسية (علم الحاسوبI)

Module Information معلومات المادة الدراسية									
Module Title		C	omputer Science l	[	Modu	Module Delivery			
Module Type			Basic						
Module Code			SCI-101			<ul><li>☑ Theory ☐ Lecture</li><li>☑ Lab ☑ Tutorial</li><li>☐ Practical ☑ Seminar</li></ul>			
ECTS Credits			3						
SWL (hr/sem)	100								
Module Level			1	Semester of Delivery					1
Administering Dep	artme	nt	MPH	<b>College</b> Applied sciences – F		nces – Fall	allujah University		
Module Leader	Wale	d Khalid	Ahmed	e-mail	waleedk	waleedkhalid@uofallujah.edu.iq			
Module Leader's A	Acad. T	tle	Asst. Lecture	Module Lea	Leader's Qualification M.Sc.				
Module Tutor	Wale	d Khalid	Ahmed	e-mail	waleedk	waleedkhalid@uofallujah.edu.iq			<u>q</u>
Name (if available)	D	r.Moham	med Ahmed Talab	e-mail	mmss_	mmss_ah@uofallujah.edu.iq			
Scientific Committe Approval Date			Version Number 1.0						
Relation with other Modules العلاقة مع المواد الدراسية الأخرى									
Prerequisite module		None	None				Semester		
Co-requisites module		Mathe	ematics-1		-		Semester	r	1

Module Aims, Learning Outcomes and Indicative Contents أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية				
Module Objectives أهداف المادة الدر اسية	This course focuses on two main aspects: computer fundamentals and Microsoft Office applications. In the computer fundamental part, students will understand the design and operation of computer systems at both software and hardware levels. This includes learning about the basic components of a computer, the Instruction Set Architecture (ISA), and core operating system services provided by Windows OS, like process management and memory management.  On the other hand, studying Microsoft Office (Word, Excel and PowerPoint) is essential for individuals who want to enhance their productivity and proficiency in various professional and academic tasks. The module aims to equip students with essential skills in using Microsoft word, Excel and PowerPoint effectively for data manipulation, analysis, visualization, and creating professional presentations. These skills are valuable in academic, professional, and personal contexts, making the learning outcomes highly practical and applicable in various settings.			
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	<ol> <li>The module learning outcomes of studying the computer's fundamental and Microsoft Office applications such as word, Excel and PowerPoint include:</li> <li>Describing the graphical user interface (GUI) and managing windows to interact with the operating system effectively.</li> <li>Capability of using internet and web services, including web browsers and webrelated features.</li> <li>Learning how to manage files, folders, and directories effectively in the Windows environment.</li> </ol>			

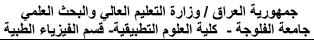




	چانده (نطویه - کید (نطویم نظریو) - کید (نظریو) ا		
	<b>4.</b> Developing a high level of proficiency in using Microsoft Word for creating, editing, and formatting documents.		
	5. Applying various text formatting options, such as font styles, sizes, colors,		
	alignment, and emphasis.		
	6. Formatting the overall document, including page layout, margins, headers,		
	footers, and page numbering.		
	7. Learning how to insert and format tables, as well as insert and manipulate		
	graphics within the document.		
	8. Learning how to build and manage spreadsheets in Microsoft Excel.		
	9. Learning how to analyze data, create charts, and visualize information using		
	Excel's tools and features.		
	10. The capability of designing visually appealing and engaging presentations using		
	Microsoft PowerPoint		
	11. Learning to use slide masters and templates to maintain consistent formatting		
	throughout the presentation.		
	12. The capability of incorporating interactive elements like hyperlinks and buttons		
	to enhance the interactivity of their presentations.		
	The indicative contents of studying computer applications may vary depending on the		
	specific course and its level of complexity. However, the following are some common		
	indicative contents that can be covered in a computer applications course:		
	1. Introduction to Computers and Operating Systems:		
	♣ Computer basics and history.		
	Types of computers and their components.		
	Overview of operating systems and their functions.		
	2. Microsoft Office Suite:		
	Microsoft Word: Word processing, formatting, and document		
	management.		
	Microsoft Excel: Spreadsheet creation, formulas, functions, and data		
Indicative Contents	analysis.		
المحتويات الإرشادية	Microsoft PowerPoint: Creating presentations with multimedia elements.		
	3. Data Management and Manipulation:		
	♣ Data entry and validation.		
	Sorting, filtering, and searching data.		
	Data analysis and visualization.		
	4. File Management and Storage:		
	Organizing files and folders.		
	Working with cloud storage and file sharing.		
	5. Internet and Web Applications:		
	Web browsing and search engines.		
	# Email communication and management.		
	Online collaboration tools and cloud-based applications.		
	Timile collaboration tools and cloud-based applications.		

Learning and Teaching Strategies استر اتيجيات التعلم والتعليم			
Strategies	In delivering a computer fundamentals and Microsoft office applications course, various learning and teaching strategies are adopted to enhance students' understanding and practical skills. Here are some common strategies:  1. Hands-on Practical Sessions: Emphasizing hands-on practice allows students to interact directly with computer applications and software. Practical exercises, lab sessions, and projects enable them to apply theoretical knowledge to real-world		







scenarios as well Word, Excel and PowerPoint, actively applying what they learn and gaining practical skills.

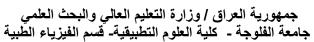
- Project-Based Learning: Assigning projects that simulate real-world challenges allows students to work collaboratively and develop problem-solving skills while creating tangible deliverables.
- **3. Demonstrations and Interactive Lectures:** Instructors use live demonstrations and interactive lectures to illustrate how to use computer applications effectively and efficiently.
- **4. Collaborative Learning:** Encouraging group activities, discussions, and team projects fosters teamwork and communication skills among students.
- **5. Formative and Summative Assessments:** Regular formative assessments, such as quizzes and assignments, help students track their progress, while summative assessments, like exams and final projects, evaluate their overall performance.
  - **6. Real-life Examples and Case Studies**: Incorporating real-life examples and case studies helps students relate the applications' functionalities to practical scenarios.

Student Workload (SWL) الحمل الدر اسي للطالب محسوب لـ ١٥ اسبوعا				
Structured SWL (h/sem) الحمل الدر اسي المنتظم للطالب خلال الفصل	88	Structured SWL (h/w) الحمل الدراسي المنتظم للطالب أسبوعيا	6	
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	12	Unstructured SWL (h/w) الحمل الدراسي غير المنتظم للطالب أسبوعيا	0.8	
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	100			

	Module Evaluation تقييم المادة الدراسية						
	Time/Number Weight (Marks) Week Due Relevant Learning Outcome						
	Quizzes	2	10% (10)	5 and 10	LO #1, #3, #10 and #11		
Formative	Assignments	2	10% (10)	2 and 12	LO #3, #4 and #8, #11		
assessment	Projects / Lab.	1	10% (10)	Continuous	All		
	Report	1	10% (10)	13	LO #2, #6 and #10		
Summative	Midterm Exam	۱hr	10% (10)	7	LO #1 - #7		
assessment	Final Exam	3hr	50% (50)	16	All		
Total assessme	ent		100% (100 Marks)				

Delivery Plan (Weekly Syllabus) المنهاج الاسبوعي النظري					
	Material Covered				
- What is a computer? Then find out the types of icons on the desktop.					
Week 1	Week 1  - Execute by applying the right mouse command related to system icons, programs, and folders.				
- Execute right mouse commands (copy, paste, cut, delete, and change folder name).					
vveek Z	Week 2  - Execute the right mouse button (the properties of the system icon, program icon, and folder ico				
Week 3	- Create a new folder, then save it, change its name, shape, hide it, and show it).				



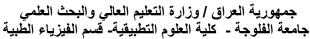




	جامعه العلوجة - كليه العلوجة - كليه العلوية العلوية		
	- Show and hide the system icon (Control panel).		
Week 4	- Learn the Word program, then ways to open the program.		
	- Home tab and execute its commands.		
Week 5	- Insert and Execute tab insert a table, clip art, picture, shapes, text box, and symbols.		
	- Page layout tabs such as paper margins, orientation, and size.		
- The Page Layout tab performs watermark, page borders, and color commands.			
	- Executing and opening a file command such as saving the document and options for choosing the		
Week 6	language of numbers and printing.		
WEER	- Completing a file command for the rest of it, such as opening a new one, sending it, and		
	previewing it before printing.		
	- Review.		
Week 7	- Monthly test		
Mask 0	- What is the Excel program? Then ways to open Excel.		
Week 8	- Recognize tab commands? Then explain the home page.		
Week 9	- Explanation of commands for the main page.		
- Explanation of the Insert tab.			
Week 10	- Explanation of the Page Layout tab.		
week 10	- Explanation of the View tab.		
Wook 11	- What is the power point program? Then ways to open power point program.		
Meek 11	Week 11  - Recognize tab commands? Then explain the home page.		
Week 12	- Explanation of commands for the main page.		
week 12	- Explanation of the Insert tab.		
Week 13 - Explanation of the Insert Pictures and Videos tab.			
- Explanation of the Page Layout tab.			
Wook 14	- Explanation of the View tab.		
week 14	Week 14 - Review.		
Week 15	- Monthly test		

Dell' ex Disc (Medial Lists C. Halis a)							
	Delivery Plan (Weekly Lab. Syllabus) المنهاج الاسبوعي للمختبر						
	المنهاج الاسبوعي للمحلبر						
	Material Covered						
Week 1	- An application to create a folder, change its name, format and save it.						
WCCK 1	- Change wallpaper. Learn about system icons, hide them, and show them.						
	- Application of commands difference between delete and removal and the location of the use of						
Week 2	each of them.						
	- Application right-click (system icon, program icon, folder icon properties)						
	- Use the (Control Panel) application to open and modify some programs such as time, date,						
Week 3 deletion, and others.							
	- The application opens the Home tab and performs its commands.						
Week 4	- Insert and Execute tab application Insert a table, clip art, picture, shapes, text box, and symbols.						
- Apply page layout tabs such as paper margins, orientation, and size.							
	- The Page Layout tab applies watermark, page border, and color commands.						
Week 5	- Executing and opening a file command such as saving the document and options for choosing the						
	language of numbers and printing.						
	- A file command completion application for the rest of the command, such as opening a new						
	command, submitting it, and previewing it before printing.						
Week 6	- The application of inserting a table and adding data inside it.						
WCCK 0	- Complete the insert table application and add new rows and columns.						
	- Complete the insert table application and the method for deleting rows and columns from within						
	the table.						







Week 7	- Monthly Test.
	- Apply ways to open Excel.
Week 8	- Application of scheduling orders? Apply the Home commands for Font Size, Insert Row, Column,
	and Worksheet.
Week 9	- Insert tab application such as insert picture, clip, table, and text box.
Week 9	- Explanation and application of writing equations such as (sum, max, min, if).
	- Explain and apply page layout commands such as margins, orientation, and paper orientation
Week 10	from right to left and vice versa.
	- Insert table, enter data, delete and insert columns and rows.
Week 11	- Explain and apply display commands, such as showing and hiding rulers, gridlines, and size.
week 11	- Application ways to open PowerPoint.
- Application for home page such as color-darkness, font-size and underline.	
Week 12	- Insert the Video, Audio, and Equalization app tab.
	- The application inserts a set of new slides.
Wook 12	- Application to delete a group of slides.
Week 13	- PowerPoint save application.
	- Review.
Week 14	- Monthly Test.

Learning and Teaching Resources مصادر التعلم والتدريس					
Text Available in the Library					
Required Texts	Computer basics represented by the difference between a computer and a human being, number, programs, memory size, and everything related to computer basics.	No			
Recommended Texts	Apply to create the folder, change its name, show it, hide it, copy it, paste it, cut it, change the screen scroll, apply the right mouse commands, and everything related to basic computer basics in practice.	No			
Websites					

Grading Scheme مخطط الدرجات				
Group Grade التقدير Marks % Definition			Definition	
	A - Excellent	امتياز	90 - 100	Outstanding Performance
6 6	<b>B</b> - Very Good	جيد جدا	80 - 89	Above average with some errors
Success Group (50 - 100)	C - Good	ختر	70 - 79	Sound work with notable errors
(30 - 100)	<b>D</b> - Satisfactory	متوسط	60 - 69	Fair but with major shortcomings
	E - Sufficient	مقبول	50 - 59	Work meets minimum criteria
Fail Group	<b>FX</b> – Fail	Mor (45-49) راسب (قيد المعالجة)		More work required but credit awarded
(0 – 49)	<b>F</b> – Fail	راسب	(0-44)	Considerable amount of work required





#### MODULE DESCRIPTION FORM

نموذج وصف المادة الدراسية (اللغة الانكليزية I)

Module Information معلو مات المادة الدر اسية									
Module Title			English Langua			Module	Delivery		
Module Type			S						
Module Code			UOF-101				☑Theory ☑Lect		
ECTS Credits			2		☐ Lab ☐ Tut				
SWL (hr/sem)			50						
Module Level			1		Semester	of Delive	ry	1	
Administering De	partme	ent	MPH		College	College Applied sciences – Fall University		lujah	
Module Leader	Muhammed F. Abdulrazaq				e-mail	Muhammed22286@uofallujah.e du.iq			
Module Leader's Acad. Title Ass		Asst. Lecture		Module L	eader's Qualification MSc				
Module Tutor	Muhammed F. Abdulrazaq		Abdulrazaq		e-mail	Muhammed22286@uofallujah.e du.iq		uofallujah.e	
Peer Reviewer Na	Asst. Prof. Dr.Ahmad Aziz Darweesh				e-mail	Ahmad.darweesh@uofallujah.e du.iq		ofallujah.e	
Scientific Commit Approval Date	\/ \/ \/ \/ \/ \/ \/ \/ \/ \/ \/ \/ \/ \		/ 2023		Version Number 1.0				
Relation with other Modules العلاقة مع المواد الدراسية الأخرى									
Prerequisite module None				Sen	nester				
Co-requisites mod	module None					Sen	nester		

Module Aims, Learning Outcomes and Indicative Contents أهداف المادة الدر اسية ونتائج التعلم والمحتويات الإرشادية				
Module Objectives أهداف المادة الدراسية	<ul> <li>Unit One - Describing people and All types of Adjectives (What is your Story): <ul> <li>Students will learn to describe people using different types of adjectives.</li> <li>They will understand the various categories of adjectives and their usage.</li> <li>Students will be able to construct sentences with descriptive adjectives.</li> </ul> </li> <li>Unit Two - Tenses and Parts of speech (Language Matters): <ul> <li>Students will comprehend different verb tenses and their usage in sentences.</li> <li>They will learn about the various parts of speech and their roles in sentence structure.</li> <li>Students will be able to identify and use different tenses and parts of speech accurately.</li> </ul> </li> <li>Unit Three: Verbs and Vocabulary for Leisure Activities <ul> <li>Expand vocabulary related to leisure activities and hobbies.</li> <li>Learn new verbs and expressions used when discussing leisure and free time.</li> </ul> </li> </ul>			





-	الماريخ					
	<ul> <li>Describe personal hobbies and interests using appropriate vocabulary and sentence structures.</li> </ul>					
	Engage in conversations about leisure activities.					
	Unit Four - "Tales of the Unexpected":					
	Learning and understanding narrative tenses (e.g., past simple, past continuous, past perfect) to recount stories and events.      Improving and propugation of common words and phrases used in					
	<ul> <li>Improving spelling and pronunciation of common words and phrases used in narratives.</li> </ul>					
	<ul> <li>Practicing reading comprehension and writing skills through engaging stories and texts.</li> </ul>					
	Unit Five - "Rights and Wrongs":					
	Exploring models and related verbs to express opinions, suggestions, and					
	preferences.					
	<ul> <li>Understanding and using phrasal verbs in different contexts.</li> </ul>					
	<ul> <li>Developing communication skills to discuss ethical and moral issues.</li> </ul>					
	Unit Six - "Easier Said than Done":					
	Mastering the usage of the present perfect tense and adverbs in various					
	situations.					
	Enhancing speaking and writing abilities through exercises and discussions					
	using the present perfect tense.					
	Understanding the nuances of adverbs and their placement in sentences.					
	Engage the students in real communication to practice speaking skill.					
	2. Divide the students into groups to practice writing skill.					
Module Learning	3. Ask the students to learn and grasp the words that describe family members.					
Outcomes	4. Distinguish among the different rules used in texts.					
and shed the telling	5. Analyze the sentences depending on their grammatical structures.					
مخرجات التعلم للمادة الدراسية	6. Differentiate between the word-system in students' mother tongue and the target language.					
	7. Draw certain conclusions after understanding the given texts.					
	Indicative content includes the following.					
	In this course, students are directed to practice what they are taught throughout the					
	semester. They are encouraged to work on collecting important notes during the					
Indicative Contents	session to be able to utilize the learned materials later on. It's important to use certain					
aids to help understand the lesson. Moreover, students should be directed						
	certain meaningful and grammatical paragraphs. They should understand the texts to					
	be able to answer questions given in the quizzes, mid-term and final examination.					

Learning and Teaching Strategies					
	استر اتيجيات التعلم والتعليم				
	The main strategy that will be adopted in delivering this module is to encourage				
	students' participation in the exercises, while at the same time refining and expanding				
their global thinking skills. This will be achieved through classes intera					
Strategies	communication, by performing and involving the four English skills, the receptive and				
	productive ones, reading, listening, writing and speaking. Some practical activities will				
be beneficial and interested to the students like engaging them in a commun					
	situation, asking them to practice a role-changing activity and so on.				

Student Workload (SWL) الحمل الدراسي للطالب محسوب لـ ١٥ اسبوعا			
Structured SWL (h/sem)			





Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	٦	Unstructured SWL (h/w) الحمل الدراسي غير المنتظم للطالب أسبوعيا	1.33
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل		50	

Module Evaluation تقییم المادة الدر اسیة						
	Time/Number Weight (Marks) Week Due Relevant Learning Outcome					
	Quizzes	2	10% (10)	5 and 10	LO #1, #2 and #10, #11	
Formative	Assignments	-	10% (10)	2 and 12	LO #3, #4 and #6, #7	
assessment	Projects / Lab.	-	10% (10)	Continuous	All	
	Report	1	10% (10)	13	LO #5, #8 and #10	
Summative	Midterm Exam	1hr	10% (10)	7	LO #1 - #7	
assessment	Final Exam	1hr	50% (50)	16	All	
Total assessment			100% (100 Marks)			

	Delivery Plan (Weekly Syllabus)			
	المنهاج الاسبوعي النظري			
	Material Covered			
Week 1	Hello! How are you? What's this in English? Good morning!			
Week 2	Your world, What's his name? Contractions, Countries, Where are they from? Numbers			
Week 3	All about you! What's his address? Personal information, Social expressions			
Week 4	Family and friends! Possessive adjectives, Describing a friend, The alphabet			
Week 5	The way I live! Present simple I/they/we/you, Sports/Food/Drinks, Language and nationalities, How much is it? Numbers			
Week 6	Every day! Present simple he/she, Saying the time, Words go together, Days of the week, Prepositions of time on/at/in			
Week 7	Mid-term exam for the materials given above			
Week 8	My favorites! Make questions who, where, how, why ect. Opposite adjectives, A holiday postcard			
Week 9	Where I live? There's/'re, Directions, Go straight on, Turn right ect.			
Week 10	Time past! Was/were born, Saying years, When's your birthday?			
Week 11	We had a great time! Regular v.s Irregular verbs, Time expressions, Making conversation			
Week 12	I can do that! Show ability can/can't, Verb+noun, Adjective+noun			
Week 13	Please and thank you! I'd like, Some v.s any, Making offers			
Week 14	Here and now! Present continous v.s Present simple, Colours and clothes, What's the matter?			
Week 15	It's time to go! Future plans, Means of transport, Social expressions			
Week 16	Preparation for the final examination			

	Delivery Plan (Weekly Lab. Syllabus) المنهاج الاسبوعي للمختبر		
	Material Covered		
Week 1	Week 1 None		
Week 2	None		

Learning and Teaching Resources			
مصادر التعلم والتدريس			
	Text Available in the Library?		
Required Texts	Soars, L. (2009). New headway Plus: Beginner Student's Book.	No	





Recommended Texts Soars, L. (2009). New headway Plus: Beginner Working Book. No
Websites

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





#### **MODULE DESCRIPTION FORM**

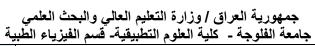
نموذج وصف المادة الدر اسية (اللغة العربية)

Module Information معلومات المادة الدر اسية						
Module Title		Arabic		Modu	le Delivery	
Module Type		S				
Module Code		UOF-102			☑ Theory □Lab	☑Lecture ☐ Tutorial
ECTS Credits	2				☐ Practical	□ Tutorial     □ Seminar     □ Seminar     □ Tutorial     □ Tutorial
SWL (hr/sem)	50					
Module Level		1	Semester o	f Deliver	у	1
Administering Dep	partment	MPH	College	Applied sciences – Fallujah University		ujah University
<b>Module Leader</b>	Amir Morad M	Iull Ali	e-mail	Amir.m	urad@uofalluja	h.edu.iq
Module Leader's A	Acad. Title	Asst. Lecture	Module Lea	lle Leader's Qualification MSc		MSc
Module Tutor	Amir Morad Mull Ali		e-mail	Amir.murad@uofallujah.edu.iq		h.edu.iq
Peer Reviewer Name		Khalid Mohammed Mahel	e-mail Khalid.mohammedm@uofalluja		uofallujah.edu.iq	
Scientific Committee Approval Date		Version Nu	mber	1.0		

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							
Module Objectives	Teaching students writing skills at the level of spelling, grammar and morphology, as						
أهداف المادة الدر اسية	well as teaching students the method of analyzing the literary text by referring to						
	significant literary texts.						
	-Oral and Written Communication						
	Graduates will be able to formally communicate the results investigations using both						
	ral and written communication skills.						
Module Learning	-Scientific Knowledge						
Outcomes	Graduates will be able to demonstrate a balanced concept of how scientific						
	knowledge develops, including the historical development of foundational theories						
مخرجات التعلم للمادة الدراسية	and laws and the nature of science.						
	-Critical Thinking						
	Graduates will be able to use critical-thinking and problem-solving skills to develop a						
	research project and/or paper						
Indicative Contents	In congruence with the teaching and learning strategy of the college, the following						
	tools are used:						







المحتويات الإرشادية	I. Class lectures, interactive learning (class discussions, group work) video
	presentations, and practical problems solved in class.
	II. Exercises and primary source documents are assigned as homework, the
	solutions of which are reviewed in class
	III. Office hours: students are encouraged to make full use of the office hours of
	their instructor, where they can ask questions, see their exam paper, and/or go over lecture/lab material.
	IV. Use of a blackboard site, where instructors post lecture notes, assignment
	instructions, timely announcements, as well as additional resources
	mistractions, timely announcements, as well as additional resources

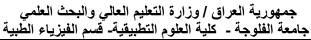
Learning and Teaching Strategies استراتيجيات التعلم والتعليم			
Strategies	The main strategy that will be adopted in delivering this module is to encourage students' participation in the exercises, while at the same time refining and expanding their critical thinking skills. This will be achieved through classes, interactive tutorials and by considering types of simple experiments involving some sampling activities that are interesting to the students.		

Student Workload (SWL)						
١ اسبوعا	الحمل الدراسي للطالب محسوب لـ ١٥ اسبوعا					
Structured SWL (h/sem) الحمل الدر اسي المنتظم للطالب خلال الفصل						
Unstructured SWL (h/sem)  Unstructured SWL (h/w)  الحمل الدراسي غير المنتظم للطالب أسبوعيا 1.						
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	50					

Module Evaluation تقييم المادة الدراسية							
	Time/Number Weight (Marks) Week Due Relevant Learning Outcome						
	Quizzes	2	10% (10)	5 and 10	LO #Y, #£ and #10, #11		
Formative	Assignments	2	10% (10)	2 and 12	LO #3, #0 and #V, #9		
assessment	Projects / Lab.	1	10% (10)	Continuous	All		
	Report	1	10% (10)	13	LO #٣, #٤ and #١١		
Summative	Midterm Exam	2hr	10% (10)	7	LO #1 - #7		
assessment	Final Exam	3hr	50% (50)	16	All		
Total assessme	Total assessment 100% (100 Marks)						

	Delivery Plan (Weekly Syllabus) المنهاج الاسبوعي النظري				
	Material Covered				
Week 1	الجمله الأسميه (المبتدأ و الخبر)				
Week 2	الأسماء المعربه بالحروف				







Week 3	النواسخ أن و اخواتها
Week 4	كان و اخواتها
Week 5	الجمله الفعليه (الأفعال الخمسه)
Week 6	الفاعل ونائب الفاعل
Week 7	المفاعيل / مفعول به
Week 8	امتحان نصفي
Week 9	مفعول لأجله / ومعه / ومطلق
Week 10	التفسير البياني لبعض من سورة الكهف
Week 11	معاني القرآن في سور متفرقه
Week 12	الشعر الجاهلي، امرؤ القيس نموذجا
Week 13	الشعر الحر، بدر شاكر السياب
Week 14	تطبيقات عملية / للمعارف
Week 15	امتحان نهائي

Learning and Teaching Resources مصادر التعلم والتدريس				
	Text	Available in the Library?		
Required Texts		No		
Recommended				
Texts				
Websites				

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





#### **MODULE DESCRIPTION FORM**

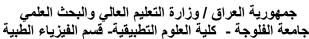
نموذج وصف المادة الدراسية (ميكانيك)

Module Information معلومات المادة الدراسية						
Module Title			Modu	le Delivery		
Module Type		Core			☑ Theory	
Module Code		MPH-121			□Lecture 図 Lab	
ECTS Credits		8			☑ Tutorial	
SWL (hr/sem)	200			☐ Practical ☑ Seminar		
Module Level		1	Semester of Delivery 2		2	
Administering Dep	partment	MPH	College	Applied sciences – Fallujah Univers		jah University
Module Leader	Ahmed Hussei	n Ali	e-mail	Ahmed.hussein.ali@uofallujah.edu.i		allujah.edu.iq
Module Leader's A	Acad. Title	Lecturer	Module Le	<b>Leader's Qualification</b> Ph.D		Ph.D.
Module Tutor	Ahmed Hussei	n Ali	e-mail	Ahmed.hussein.ali@uofallujah.edu.i		allujah.edu.iq
Peer Reviewer Name		Assist. Prof. Dr. Ahmad Aziz Darweesh	e-mail	Ahmad.darweesh@uofallujah.edu.		llujah.edu.iq
Scientific Committee Approval Date		\ / \ /2023	Version N	umber	1.0	

Relation with other Modules العلاقة مع المواد الدراسية الأخرى				
Prerequisite module None Semester				
Co-requisites module	Electricity and Magnetism	Semester	2	

Module Aims, Learning Outcomes and Indicative Contents أهداف المادة الدر إسية و نتائج التعلم و المحتويات الإر شادية					
Module Objectives أهداف المادة الدر اسية	<ol> <li>1- To learn the subject of mechanics and some interesting and important applications.</li> <li>2- Understanding Kinetic energy, work, potential energy and conservative force.</li> <li>3- To understand concepts of constraints, degrees of freedom Limitations of Newtonian mechanics and the concept of generalized co-ordinate.</li> <li>4- To solve the two-dimensional projectile motion problems.</li> <li>5- To investigate force and conservation laws.</li> <li>6- To understand Kepler's laws of planetary motion and relate its importance.</li> <li>7- Understanding the Euler Lagrange Equation.</li> </ol>				
Module Learning	- Analyze the world around them from a physics point of view; Contrast fundamental				
Outcomes	concepts of mechanics.				
	- Apply mechanics to situations in the everyday world.				



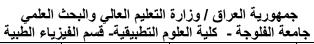




ucation and scene	م الفيزياء الطبية	العلوم التطبيقية- قس	جامعة الفلوجة - كلية	2013-1435		
مخرجات التعلم للمادة الدر إسية	- Apply classical r	nechanics equation	ons to solving practical problems.			
الدراسية	- State Kepler's la	ws of planetary m	notion and relate its importance.			
	- Research, write	and present a par	per on a related topic.			
	a. Newton's Laws					
	<ul> <li>Classical med polar coording</li> <li>b. Projectiles</li> </ul>	•	time, mass and force, Newton's thre	e laws of motion,		
	Linear and qu     c. Momentum &	istance.				
	Conservation	_	ockets, center of mass, angular mome	entum of a single		
Indicative Contents المحتويات الإرشادية	Kinetic energ		ntial energy and conservative force, p ntral forces, multi particle systems	otential gradient,		
. 5, .5	Hooke's Law,	simple harmonic ourier series and o	motion, 2-D oscillators, damped and driven oscillators	driven oscillators,		
	f. Calculus of Vari	ations & Lagrange	e's Equations			
	Euler-Lagrang	ge Equations, exar	mples and applications, unconstraine	d motion,		
	constrained s	ystems, generaliz	ed momenta and ignorable coordinat	tes, proof of		
	Lagrange's equations, examples and applications.					
	g. Two-Body Cen	ral Forces				
	CM and relat	ve coordinates, e	quations of motion, equivalent 1-D p	roblem, orbit		
	· ·	wtonian gravity, k	nian gravity, Kepler problem, bound and unbound			
	orbits.					
	Lea	rning and Tea	ching Strategies			
		التعلم والتعليم	استر اتبجبات			
	Type somet		in strategy that will be adopted in de	livering this module		
			ticipation in the exercises, while at the			
Strategies	and expanding their critical thinking skills. This will be achieved through classes,					
		interactive tutorials and by considering types of simple experiments involving some				
		•	ies that are interesting to the students.			
	, ,	Student Wor				
	يه عا		الحمل الدر اسى للطالب			
Structured SWL (h/			Structured SWL (h/w)			
نتظم للطالب خلال الفصل	•	130	الحمل الدراسي المنتظم للطالب أسبوعيا	8		
Unstructured SWL (	<del>=</del> -		Unstructured SWL (h/w)			
نتظم للطالب خلال الفصل	•	70	الحمل الدراسي غير المنتظم للطالب أسبوعيا	5.6		
Total SWL (h/sem)	سندن ، سر ، سي حير ،		, J ( J. g J J —			
لكلى للطالب خلال الفصل	الحمل الدراسي ا		200			

Module Evaluation تقبيم المادة الدر اسية							
		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome		
Formative	Quizzes	2	10% (10)	5 and 10	LO #1, #2 and #10, #11		
assessment	Assignments	2	10% (10)	2 and 12	LO #3, #5 and #8, #10		





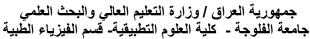


	<i>p</i>	<del>"   " "  </del>	<del>*                                    </del>	•	
	Projects / Lab.	1	10% (10)	Continuous	All
	Report	1	10% (10)	13	LO #5, #9 and #11
Summative	Midterm Exam	۱hr	10% (10)	7	LO #1 - #7
assessment	Final Exam	3hr	50% (50)	16	All
Total assessment			100% (100 Marks)		

Delivery Plan (Weekly Syllabus) المنهاج الاسبوعي النظري					
	Material Covered				
Week 1	Newton's laws				
Week 2	Projectiles & Charges				
Week 3	Momentum & Angular Momentum				
Week 4	Energy				
Week 5	Oscillations				
Week 6	Calculus of Variations				
Week 7	Lagrange's Equations				
Week 8	First month exam				
Week 9	Two-Body Central Forces				
Week 10	Noninertial Frames				
Week 11	Rigid Body Motion				
Week 12	Coupled Oscillators				
Week 13	Second month exam				
Week 14	Hamiltonian Mechanics				
Week 15	Collision Theory				
Week 16	Relativistic Motion				

Delivery Plan (Weekly Lab. Syllabus) المنهاج الاسبوعي للمختبر					
	Material Covered				
Week 1	Micrometer				
Week 2	Glass refractive index by Microscope				
Week 3	The acceleration of free fall by means of simple pendulum				
Week 4	Young Modulus				
Week 5	Spiral Spring				
Week 6	Viscosity of the medium				







Week 7	Density of a liquid
Week 8	Static Frictional Force
Week 9	Sliding Frictional Force
Week 10	Rolling Frictional Force
Week 11	Volume and Density of solid
Week 12	Equilibrium of Forces
Week 13	Projectile Motion

Learning and Teaching Resources مصادر التعلم والتدريس						
	Text	Available in the Library?				
Required Texts	Classical Mechanics", J.R. Taylor, ISBN-10: 1-891389-22-X	No				
Recommended Texts	"Analytical Mechanics", G.R. Fowles and G.L. Cassiday, (Brooks Cole, 2005) 7th Edition, and "Classical Dynamics of Particles and Systems", S.T. Thornton and J.B. Marion (Brooks Cole, 2005) 5th Edition	No				
Websites	https://www.amazon.com/Classical-Mechanics-John-R-Taylor/dp/189	138922X				

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

Dr. Ahmed Hussein Ali





#### **MODULE DESCRIPTION FORM**

### نموذج وصف المادة الدر اسية (الرياضيات II)

Module Information معلومات المادة الدر اسية							
Module Title		Module Delivery					
Module Type		Core			57.71		
Module Code		MPH-122			⊠ Theory  ⊠ Seminar □ Lecture  □ Lab		
ECTS Credits	7				☑Tutorial ☐ Practical		
SWL (hr/sem)		150					
Module Level		1	Semester of	Semester of Delivery		2	
Administering Dep	partment	MPH	College	Applied	Applied sciences – Fallujah University		
Module Leader	Ahmad Aziz [	Darweesh	e-mail	Ahmad.	.darweesh@uofa	allujah.edu.iq	
Module Leader's A	Acad. Title	Assistant Prof.	Module Leader's Qualification PH.D		PH.D		
<b>Module Tutor</b>	Ahmad Aziz Darweesh		e-mai	Ahmad.	Ahmad.darweesh@uofallujah.edu.iq		
Peer Reviewer Name		Assist. Prof. Dr. Batool Eneaze Bandar	e-mai	Batoole	Batoolen@uofallujah.edu.iq		
Scientific Committee Date	tee Approval	\/ V / 2023	Version Number 1.0				

Relation with other Modules العلاقة مع المواد الدراسية الأخرى							
Prerequisite module	None	Semester					
Co-requisites module	Mathmatics-I	Semester	2				

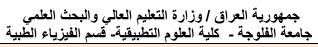
Module Aims, Learning Outcomes and Indicative Contents							
	أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية						
	<ol> <li>To develop problem solving skills and understanding of Ordinary differential Equations.</li> </ol>						
	<ol><li>To understand Initial Conditions and Boundary Conditions, Homogeneous Equation and Exact Differential Equations.</li></ol>						
Module Objectives أهداف المادة الدر اسية	<ol><li>This course deals with the basic concept of differential Equations with the methods for solving in different types.</li></ol>						
	4. This is the basic subject for all differential Equations.						
	5. To understand Initial Conditions and Boundary Conditions, Homogeneous Equation and Exact Differential Equations problems.						
	<ol><li>To perform and solve the differential equation (D.E) by using the separating variables method and First-Order Differential Equations.</li></ol>						
Module Learning	1. Understand differential Equations and how to connect with other application.						
Outcomes	2. To be educated differential Equations.						
	3. General Solution: A general solution represents a family of functions that						
مخرجات التعلم للمادة الدراسية	satisfy the differential equation. It contains one or more arbitrary constants,						





		<del></del> /				
	which condition		mined by applying appropriate initial or	boundary		
		ar Solution: A particular solution is a specific function that satisfies the				
		•	along with given initial or boundary condition			
			specific values to the arbitrary constants in	the general		
	solution		differential equations, it is important to det	ermine if a		
		• •	hether it is unique. The theory of differentia			
			nder which solutions exist and are unique wi	-		
		. Define Ohm's				
		-	can be visualized using phase portraits, wh	-		
			in a multidimensional space. Phase portra- term behavior of a system and can help ide	•		
	_	_	um, limit cycles, and other dynamic phenom	-		
			e following. When studying differential equa			
			ly include the following topics:	, ,		
			Equations: Definition of a differential equation	-		
		•	ion, classification of differential equations (	•		
		•	ting the need for differential equations in var tions: Solution techniques for first-order			
		•	le variables, exact equations, integrating f			
	· ·		of first-order differential equations in growtl			
Indicative Contents		•	cs, and mixing problems.			
المحتويات الإرشادية	Second-Order Linear Differential Equations: Homogeneous and non-homogeneous					
			f second order. Solution techniques, such as particular solution, using the method of un	_		
				uetermineu		
	coefficients and variation of parameters.  Higher-Order Linear Differential Equations: Extension of solution techniques to higher-					
	order linear differential equations. Characteristic equation, roots, and general					
	solutions. Applications in physics and engineering.  Systems of Differential Equations: Introduction to systems of first-order differential					
	-	-	ions: Introduction to systems of first-order s such as matrix methods, eigenvalues, and ei			
Learning and Teaching Strategies						
	1	التعلم والتعليم				
			e used in the instruction of this module is go	_		
	emphasize the need of active engagement from the students in the exercises, while					
Strategies	simultaneously honing and extending their capacity for critical thinking. This will be accomplished via the use of lectures, interactive tutorials, and discussion of various					
	sorts of straightforward experiments that include certain sampling tasks that the					
	students find fa		criments that include certain sampling tas	no that the		
Student Workload (SWL)						
الحمل الدراسي للطالب محسوب لـ ١٥ اسبوعا						
Structured SWL (h/sem) سي المنتظم للطالب خلال الفصل	الحمل الدرا	88	Structured SWL (h/w) الحمل الدر اسي المنتظم للطالب أسبو عيا	6		
Unstructured SWL (h/ser		62	Unstructured SWL (h/w)	4.1		
غير المنتظم للطالب خلال الفصل	الحمل الدر اسي	UZ	الحمل الدراسي غير المنتظم للطالب أسبوعيا	4.1		
Total SWL (h/sem) راسي الكلي للطالب خلال الفصل	الحمل الدر	150				







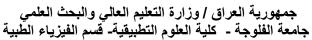
#### **Module Evaluation**

تقييم المادة الدراسية

		Time/Number	Weight (Marks)	Week Due	Relevant Learning	
		Time/Number	Weight (Warks)	Week Due	Outcome	
	Quizzes	2	10% (10)	5 and 10	LO #1, #2 and #10, #11	
Formative	Assignments	2	10% (10)	2 and 12	LO #3, #5 and #6, #7	
assessment	Projects / Lab.	1	10% (10)	Continuous	All	
	Report	1	10% (10)	13	LO #4, #9 and #10	
Summative	Midterm Exam	1hr	10% (10)	7	LO #1 - #7	
assessment	Final Exam	3hr	50% (50)	16	All	
Total assessment			100% (100 Marks)			

	Delivery Plan (Weekly Syllabus) المنهاج الاسبوعي النظري			
Week	Material Covered			
Week 1	First-Order Differential Equations			
Week 2	First-Order Differential Equations, General First-Order Differential Equations and Solutions			
Week 3	First-Order Linear Equations, Solving Linear Equations			
Week 4	First-Order Linear Equations			
Week 5	Applications, Resistance Proportional to Velocity			
Week 6	Euler's Method			
Week 7	Mid-term Exam			
Week 8	Second-Order Differential Equations, Second-Order Linear Equations			
Week 9	Constant-Coefficient Homogeneous Equations			
Week 10	Constant-Coefficient Homogeneous Equations			
Week 11	Nonhomogeneous Linear Equations			
Week 12	Nonhomogeneous Linear Equations			
Week 13	Applications, Vibrations, Simple Harmonic Motion and Damped Motion			
Week 14	Euler Equations			
Week 15	Exam			
Week 16	Preparatory week before the final Exam			





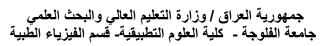


Learning and Teaching Resources مصادر التعلم والتدريس					
Text Available in the Library?					
Required Texts	۱. Thomas' Calculus, 11th Edition	ـ الكتب المقررة المطلوبة Required textbooks			
Recommended Texts	<ul><li>3. Professors lectures.</li><li>4. The internet.</li></ul>	Recommended books and references (scientific journals, reports			
Websites	Electronic references, websites Virtual library Library locations in some international	universities			

Grading Scheme مخطط الدرجات						
Group	Group Grade التقدير Marks % Definition					
	A - Excellent	امتياز	90 - 100	Outstanding Performance		
6 6	<b>B</b> - Very Good	جيد جدا	80 - 89	Above average with some errors		
Success Group (50 - 100)	<b>C</b> - Good	ختر	70 - 79	Sound work with notable errors		
(30 - 100)	<b>D</b> - Satisfactory	متوسط	60 - 69	Fair but with major shortcomings		
	E - Sufficient	مقبول	50 - 59	Work meets minimum criteria		
Fail Group	FX – Fail	راسب (قيد المعالجة)	(45-49)	More work required but credit awarded		
(0 – 49)	<b>F</b> – Fail	راسب	(0-44)	Considerable amount of work required		

Asst. prof. Ahmad Aziz Darweesh







#### **MODULE DESCRIPTION FORM**

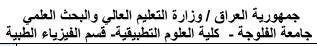
نموذج وصف المادة الدر اسية (احياء عامة)

Module Information معلومات المادة الدراسية						
<b>Module Title</b>	General Biology			Modu	ıle Delivery	
<b>Module Type</b>		Basic				
<b>Module Code</b>		MPH-123			•	☑ Lecture ☑ Tutorial
<b>ECTS Credits</b>		8			□ Practical	⊠ Seminar
SWL (hr/sem)	200					
Module Level		1	Semester of Delivery 2		2	
Administering De	partment	MPH	College	Applied sciences – Fallujah University		ijah University
<b>Module Leader</b>	Dr. Yousif Ra	fea Jumaah	e-mail	yousif.r.alani@ uofallujah.edu.iq		ajah.edu.iq
<b>Module Leader's</b>	Acad. Title	Assistant Professor	Module Lea	<b>Leader's Qualification</b> Ph.D.		Ph.D.
<b>Module Tutor</b>	Dr. Yousif Ra	fea Jumaah	e-mail	yousif.r.alani@ uofallujah.edu.iq		ıjah.edu.iq
Peer Reviewer Name		Dr. Roua Jamal Abdulkhaliq	e-mail roua.jamal@uofallujah.edu		<u>jah.edu.iq</u>	
Scientific Committee Approval Date		\/ \/ \/ 2023	Version Nu	mber	1.0	

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

Module	Module Aims, Learning Outcomes and Indicative Contents					
	أهداف المادة الدر اسية ونتائج التعلم والمحتويات الإرشادية					
Madula Objectives	1. Introducing the student to how to examine organisms and tissues using a					
<b>Module Objectives</b>	microscope.					
أهداف المادة الدراسية	2. Introducing him to the microorganisms that are pathogenic to humans (how					
	to write their scientific names).					
	3. The diseases resulting from them.					
	<ol> <li>Recognize how does the cell form tissues and organs.</li> </ol>					
	2. List the various terms associated with cell.					
	3. Define the cell theory.					
	4. Define the basic parts of a cell.					
Module Learning	5. How do the parts of a cell work together?					
Outcomes	<ol><li>Describe each part of the cell separately.</li></ol>					
Outcomes	7. How does the Cytoskeleton Supports Eukaryotic Cells?					
or a transit to the transition of	8. Structures found in animal cells but not in plant cells.					
مخرجات التعلم للمادة الدراسية	9. Structures found in plant cells but not in animal cells.					
	10. Recognize how does cell division & MITOSIS.					
	11. Recognize how does a cell cycle and MEIOSISI.					
	12. How can the student distinguish between MITOSIS and MEIOSISI?					
	13. Define the basic parts of a bacterial cell.					







	14. Define the basic parts of a virus molecule.				
	15. How can the student distinguish between bacteria and viruses?				
Indicative Contents المحتويات الإرشادية	Part A - General introduction to Biology Branches of Biology General characteristics of prokaryotes, fungi, Protista, Anamilia and Plantae classification of organisms. [15 hrs] Introduction to Cytology or Cell Biology. Cell membrane, Functions of the cell membrane [15 hrs] Nucleus, Nuclear envelope and Chromosomes. Nucleic acid as a Genetic Material, Gene, Genetic code and Gene expression. [10 hrs] Proteins, essential functions of proteins and Proteins Has Four Levels of Organization. The Cytoskeleton Supports Eukaryotic Cells. [15 hrs] Revision problem classes [6 hrs] Part B - Cell division Cell division & MITOSIS [15 hrs] A Cell cycle and MEIOSISI. [7 hrs] Bacteria, Shape & Size, Arrangement, Gram-staining characteristics, and Structure Of Bacterial Cell. Viruses, characteristics of Viruses and Viruses are said to have five specific properties that distinguish them from living cells. [15 hrs]				

Learning and Teaching Strategies استر اتيجيات التعلم والتعليم				
Strategies	The main strategy that will be adopted in delivering this module is to encourage students' participation in the exercises, while at the same time refining and expanding their critical thinking skills. This will be achieved through classes, interactive tutorials and by considering types of simple experiments involving some sampling activities that are interesting to the students.			

Student Workload (SWL)				
الحمل الدراسي للطالب محسوب لـ ١٥ اسبوعا				
Structured SWL (h/sem) الحمل الدراسي المنتظم للطالب خلال الفصل	130 Structured SWL (h/w)  الحمل الدراسي المنتظم للطالب أسبوعيا			
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	70	Unstructured SWL (h/w) الحمل الدراسي غير المنتظم للطالب أسبوعيا	5.6	
Total SWL (h/sem)         الحمل الدر اسي الكلي للطالب خلال الفصل				

Module Evaluation تقييم المادة الدراسية						
		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome	
	Quizzes	2	10% (10)	5 and 10	LO #1, #3 and #7, #11	
Formative	Assignments	2	10% (10)	2 and 12	LO #3, #٤ and #8, #9	
assessment	Projects / Lab.	1	10% (10)	Continuous	All	
	Report	1	10% (10)	13	LO #5, #8 and #9	
	Midterm Exam	1hr	10% (10)	7	LO #1 - #7	





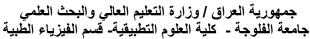
Summative assessment	Final Exam	3hr	50% (50)	16	All
Total assessment		100% (100 Marks)			

	Delivery Plan (Weekly Syllabus) المنهاج الاسبوعي النظري
	Material Covered
Week 1	Introduction - General introduction to Biology and Branches of Biology
Week 2	Main characteristics of the four basic types of tissues.
Week 3	General characteristics of prokaryotes, fungi, Protista, Animalia and Plantae
Week 4	Classification of organisms
Week 5	Introduction to Cytology or Cell Biology.
Week 6	Cell membrane, Functions of the cell membrane.
Week 7	Nucleus, Nuclear envelope and Chromosomes.
Week 8	Nucleic acid as a Genetic Material, Gene, Genetic code. and Gene expression.
Week 9	Proteins, essential functions of proteins and Proteins Has Four Levels of Organization.
Week 10	The Cytoskeleton Supports Eukaryotic Cells.
Week 11	Specialized plant organelles (Chloroplasts and Other Plastids and Central Vacuole)
Week 12	Cell division & MITOSIS
Week 13	A cell cycle and MEIOSIS
Week 14	Bacteria, Shape & Size, Arrangement, Gram-staining characteristics, and Structure of Bacterial Cell.
Week 15	Viruses, characteristics of Viruses and Viruses are said to have five specific properties that distinguish them from living cells.
Week 16	Preparatory week before the final Exam

Delivery Plan (Weekly Lab. Syllabus) المنهاج الاسبوعي للمختبر			
	Material Covered		
Week 1	Lab 1: Introduction to CELL		
Week 2	Lab 2: Introduction to Parasitology		
Week 3	Lab 3: Parasitology		
Week 4	Lab 4: Parasitology		
Week 5	Lab 5: Parasitology		
Week 6	Lab 6: Parasitology		
Week 7	Lab 7: Parasitology		
Week 8	Lab 8: Introduction to Histology		
Week 9	Lab 9: Histology		
Week 10	Lab 10: Histology		
Week 11	Lab 11: Histology		
Week 12	Lab 12: Histology		
Week 13	Lab 13: Histology		
Week 14	Lab 14: Histology		

Learning and Teaching Resources مصادر التعلم والتدريس					
	Text	Available in the Library?			
Required Texts	Campbell, N.A., Urry, L.A., Cain, M.L. and et al., (2021). Biology.12 ed.Pearson BenjaminCummings. SanFrancisco, USA.	Yes			



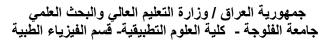




Recommended Texts	<b>Mason</b> , K.A., Losos, J.B., and Singer.S.R, (2017). Biology.11 ed. McGraw-Hill Education, USA.	Yes
Websites	https://vetbooks.ir/?s=lippincott&fbclid=IwAR12okqcqBcCQor B8jQyUnLk-ExQ0QgCr6I	PjWFvbaOoLvqG5GjelDFlxNc

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







#### MODULE DESCRIPTION FORM

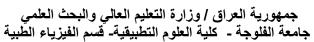
### نموذج وصف المادة الدراسية (الاحصاء الحيوي)

Module Information معلومات المادة الدراسية									
Module Title	Biostatics				Modu	Module Delivery			
Module Type	Basic								
Module Code		MPH-124				⊠ Theory ⊠ Lab	☑ Lecture ☑ Tutorial		
ECTS Credits	8				☐ Practical	⊠ Seminar			
SWL (hr/sem)		200							
Module Level		1	Semester of Deliv			ery/	ery 2		
Administering Department		MPH	College Applied sciences – Fallujal			nces – Fallujah U	Jniversity		
Module Leader	Mohammed Oudah Salman		e-mail dr.mohammedodehsalman@uc			uofallujah.edu.iq			
Module Leader's Acad. Title		Lecturer	Module Leader's Qualification			Qualific	ation	Ph.D.	
Module Tutor	Mohammed Oudah Salman e		e-mail		dr. mohammedodeh salman @uofallujah.e du.iq				
Peer Reviewer Name		Asst. Prof. Dr. Dhaidan Khalaf Kafi		dhidankhalaf@uofallujah.edu.iq					
Scientific Committee Approval Date		\/ \/ / 2023	Version Nu		ımber	<b>nber</b> 1.0			

Relation with other Modules					
العلاقة مع المواد الدراسية الأخرى					
None	Semester				
Mathematics-I	Semester	1			
	العلاقة مع المواد الدراسية الأخرى None	العلاقة مع المواد الدراسية الأخرى  None  Semester			

### Module Aims, Learning Outcomes and Indicative Contents أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية







	جامعة الفلوجة - كلية العلوم التطبيقية- فسم الفيزياء الطب			
Module Objectives	The aim of this module is to provide students with a comprehensive			
أهداف المادة الدر اسية	understanding of biostatistics as it applies to medical physics. Students will acquire the necessary skills to critically analyze and interpret biomedical data, enabling them to make informed decisions in a medical physics context.			
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	<ul> <li>Understand Fundamental Biostatistical Concepts.</li> <li>Apply Statistical Methods in Medical Physics to analyze and interpret data relevant to medical physics, including experimental design, hypothesis testing, and regression analysis.</li> <li>Interpret Biomedical Data ensuring accurate and meaningful representation of statistical results.</li> <li>Utilize Statistical Software tools to conduct analyses and visualize data, enhancing technical skills in data manipulation and interpretation.</li> <li>Evaluate Research Studies discerning the validity and reliability of statistical analyses.</li> </ul>			
Indicative Contents المحتويات الإرشادية				





#### **Learning and Teaching Strategies**

استراتيجيات التعلم والتعليم

### Strategies

The main strategy that will be adopted in delivering this module is to encourage students' participation in the exercises, while at the same time refining and expanding their critical thinking skills. This will be achieved through classes, interactive tutorials and by considering types of simple experiments involving some sampling activities that are interesting to the students.

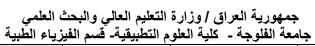
Student Workload (SWL)  الحمل الدراسي للطالب محسوب لـ 15 اسبوعا					
Structured SWL (h/sem)       Structured SWL (h/w)       8         الحمل الدر اسي المنتظم للطالب أسبوعيا       الحمل الدر اسي المنتظم للطالب خلال الفصل					
Unstructured SWL (h/sem)  الحمل الدراسي غير المنتظم للطالب خلال الفصل	70	Unstructured SWL (h/w) الحمل الدراسي غير المنتظم للطالب أسبوعيا	5.6		
Total SWL (h/sem)  الحمل الدراسي الكلي للطالب خلال الفصل		200			

#### **Module Evaluation**

تقييم المادة الدراسية

			Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
Form	native	Quizzes	2	10% (10)	5 and 10	LO #5, #6 and #11, #12
assessment	Assignments	2	10% (10)	2 and 12	LO #11, #12 and #13, #14	



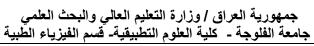




	44 7	# F # # * F	J	•	
	Projects / Lab.	1	10% (10)	Continuous	All
	Report	1	10% (10)	13	LO #12, #13 and #14
Summative	Midterm Exam	۱hr	10% (10)	7	LO #1 - #7
assessment	Final Exam	3hr	50% (50)	16	All
Total assessment		100% (100 Marks)			

	Delivery Plan (Weekly Syllabus)		
	المنهاج الاسبوعي النظري		
	Material Covered		
Week 1	Biostatistics 1-Fundamental Concepts 2-Presentation of Data		
Week 2	3-Measures of Central Tendency 4-Measures of Dispersion		
Week 3	Data analysis Types of Variables		
Week 4	Statistical data representation  1-Tabular Presentation (Table Presentation of Data)		
Week 5	2-Graphic Presentation		
Week 6	2-Graphic Presentation		
Week 7	Measures of central tendency 1-Arithmetic Mean		
Week 8	Mid-term Exam + Oscillations		
Week 9	2-Median and similar Measures		
Week 10	3-Mode		
Week 11	4-Geometric Mean		







Week 12	5-Root Mean Squares
WCCR 12	6-Harmonic Mean
	Measures of dispersion (variability)
Week 13	1- the range
	2-The standard deviation (S)
Week 14	3- Variance (dispersion) (S <sup>2</sup> )
week 14	4- The standard error (SE)
Week 15	5- Coefficient of Variation
Week 16	Preparatory week before the final Exam

Delivery Plan (Weekly Lab. Syllabus)			
	المنهاج الاسبوعي للمختبر		
	Material Covered		
Week 1	Introduction to Biostatistics and SPSS		
WEEK 1	Overview of biostatistics and its applications in health sciences		
Week 2	Introduction to SPSS interface, data entry, and data manipulation		
	Descriptive Statistics Using SPSS		
Week 3	Measures of central tendency and dispersion		
	Frequency distributions and graphical representation of data in SPSS		
	Probability Distributions and Hypothesis Testing		
Week 4	Probability distributions and their relevance		
	Introduction to hypothesis testing using SPSS		
	Inferential Statistics Using SPSS		
Week 5	Confidence intervals and p-values		
	One-sample and two-sample t-tests in SPSS		
	Analysis of Variance (ANOVA) in SPSS		
Week 6	One-way and two-way ANOVA		
	Post hoc tests and interpretation of ANOVA results in SPSS		
	Regression Analysis and Correlation Using SPSS		
Week 7	Simple and multiple regression analysis		
	Correlation analysis in SPSS		





**Ethical Considerations and Reporting in SPSS** 

Week 8

Ethical considerations in data analysis

Reporting and interpreting results in SPSS

	Learning and Teaching Resources	
	مصادر التعلم والتدريس	
	Text	Available in the Library?
Required Texts	Biostatistics: A Methodology For the Health Sciences, 2nd Edition, Gerald van Belle, Lloyd D. Fisher, Patrick J. Heagerty, Thomas Lumley, ISBN: 978-0-471-03185-7	No
Recommended Texts	Teaching Biostatistics in Medicine and Allied Health Sciences, Damian J. J. Farnell, Renata Medeiros Mirra	No
Websites	https://guides.library.umass.edu/bioepi/web	

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





اسم التدريسي مع اللقب العلمي والتوقيع

م.د. محمد عودة سلمان

### **MODULE DESCRIPTION FORM**

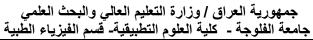
نموذج وصف المادة الدر اسية (جرائم حزب البعث)

Module Information معلو مات المادة الدر اسية						
Module Title			Modu	ıle Delivery		
Module Type	Support					
Module Code		UOF-10°			,	☑ Lecture
ECTS Credits		2			<ul><li>□ Lab</li><li>□ Practical</li></ul>	<ul><li>☐ Tutorial</li><li>☑ Seminar</li></ul>
SWL (hr/sem)		50				
Module Level		1	Semester of	f Deliver	у	2
Administering Dep	partment	MPH	College	Applied	d sciences – Fallu	ijah University
Module Leader	Maha Fawaz	Kazem	e-mail	Maha.f.	kazem@uofallu	jah.edu.iq
Module Leader's A	Acad. Title	Asst. Lecture	Module Lea	Module Leader's Qualification MSc		MSc
<b>Module Tutor</b>	Maha Fawaz	Kazem	e-mail	Maha.f.	kazem@uofallu	jah.edu.iq
Peer Reviewer Name		Khalid Mohammed Mahel	e-mail Khalid.mohammedm@uofallujah		uofallujah.edu.iq	
Scientific Committee Approval Date		23 / 8 /2023	Version Nu	mber	1.0	

Relation with other Modules العلاقة مع المواد الدراسية الأخرى				
Prerequisite module	None	Semester		
Co-requisites module	Human Rights and Democracy	Semester	2	

Module Aims, Learning Outcomes and Indicative Contents				
	أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية			
	العمل على منهجية المشاركة والتفاعل في عملية التعليم لدى الطلاب من خلال تناول المهارات	•		
	والمواقف والمعارف المتعلقة بجرائم حزب البعث .			
	تعريف الطالب على مفاهيم جرائم حزب البعث التي أصدرتها وزارة التعليم العالي العراقية منهاج	•		
	دراسي جديد ضمن مناهج الجامعات الحكومية والأهلية تحمل عنوان " جرائم حزب البعث البائد " ،			
Module Objectives	وتتعلق بالجرائم ضد الانسانية التي ارتكبت خلال 35 سنة من حكم حزب البعث للبلاد .			
أهداف المادة الدراسية	زيادة معرفة الطالب بالجانب المفاهيمي النظري والنطور التاريخي لمادة جرائم حزب البعث .	•		
	تنمية مهارات الطالب التحليلية والنقدية فيما يتعلق بواقع ومستقبل الشعب والوقوف على الانتهاكات التي	•		
	كانت تمارس من قبل حزب البعث والجرائم البشعة بحق الشعب العراقي .			
	تدريب الطالب على اهمية المشاركة الفاعلة في جوانب الحياة العامة كتعزيز احترام مبادى حقوق	•		
	الانسان العامة والمشاركة الفاعلة في الحياة السياسية والثقافية واحتكار السلطة التنفيذية والتشريعية حكر			
	على مجلس قيادة حزب البعث .			







ت •
بر
ف
• ت اا
1. اه
3. م
4. اه
71
≤ .5
△ .6 ►
• 11
• ≥
• 11
• 11
71 •
د ب م

	استراتيجيات التعلم والتعليم
	1- اسلوب المحاضرة إذا تخلل المحاضرات الحوار الهادف والمناقشة البناءة بين الطالب والاستاذ.
	2- التعلم التعاوني وذلك تقسيم الطلبة إلى مجموعات صغيرة تتكون من 4-6 طلاب في المجموعة وتمكينهم من مناقشة أفكار الدرس المختلفة بعد تضمينها المعلومات التي تتعلق بقضية أو مشكلة تتعلق بجرائم حزب البعث البائد ويطلب من الطالب تحليلها وإبداء الرأي حولها ومناقشتها امام كافة
Strategies	زملاء الصف.

**Learning and Teaching Strategies** 

دراسة الحالة Case Study وذلك من خلال عرض الحالة موضوع الدراسة إي المشكلة المتعلقة بجرائم حزب البعث في صورة قصة غير منتهية ويطلب من الطلاب من خلال أسئلة تُعيرها مسبقاً ان يحللوا القصة، ويناقشوها، ويبدوا آراءهم حول مضامينها، ومن ثم يصنعون النهاية المناسبة.



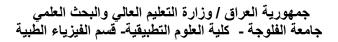


Student Workload (SWL) الحمل الدر اسى للطالب محسوب لـ ١٥ اسبوعا				
Structured SWL (h/sem)         3٠         Structured SWL (h/w)         2				
Unstructured SWL (h/sem)  الحمل الدراسي غير المنتظم للطالب خلال الفصل الدراسي غير المنتظم للطالب خلال الفصل			1.3	
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	50			

	Module Evaluation تقييم المادة الدراسية						
	Time/Number Weight (Marks) Week Due Relevant Learning Outcome						
	Quizzes	2	10% (10)	5 and 10	LO #1, #2 and #9, #11		
Formative	Assignments	2	10% (10)	2 and 12	LO #3, #5 and #6, #7		
assessment	Projects / Lab.	1	10% (10)	Continuous	All		
	Report	1	10% (10)	13	LO #3, #8 and #9		
Summative	Midterm Exam	۱hr	10% (10)	7	LO #1 - #9		
assessment	Final Exam	۱hr	50% (50)	16	All		
Total assessme	ent		100% (100 Marks)				

	Delivery Plan (Weekly Syllabus)			
	المنهاج الاسبوعي النظري			
	Material Covered			
Week 1	انتهاكات الحقوق والحريات			
Week 2	نبذة وصفية عن الأنظمة السياسية في العراق (١٩٢١-٢٠٠٣)			
Week 3	انتهاكات النظام البعثي للحقوق والحريات العامة			
Week 4	أثر سلوكيات النظام البعثي في المجتمع ، وتسلطه على الدولة			
Week 5	امتحان يومي			
Week 6	الميدان النفسي			
Week 7	الميدان الاجتماعي			
Week 8	الدين والدولة			
Week 9	الثقافة والاعلام وعسكرة المجتمع			
Week 10	أثر القمع والحروب على البيئة والسكان .			
Week 11	استعمال الاسلحة المحرمة دوليا والتلوث البيئي			
Week 12	امتحان يومي			
Week 13	سياسة الارض المحروقة ، تجفيف الاهوار والهجرة القسرية			
Week 14	تدمير البيئة الزراعية والحيوانية والتلوث الاشعاعي			
Week 15	المقابر الجماعية وقصف دور العبادة			
Week 16	Preparatory week before the final Exam			







	Learning and Teaching Resources مصادر التعلم والتدريس				
	Available in the Library?				
Required Texts	طارق كامل ، انقراض ثلثي النخيل ، مجلة الفنون والأداب والعلوم الانسانية والاجماع ، العدد ٢٠٢٠، ص٣٥ .	yes			
Recommended Texts	معروف بهاء الدين حسين ، التلوث باليور انيوم المستنفذ في العراق ، مجلة الثقافة الجديدة ، العدد ٢٩٦ ، ٢٠٠٠ ، ص٣٤ <sub>.</sub>	yes			
Websites	-				

Grading Scheme مخطط الدر جات					
Group	Grade	التقدير	Marks %	Definition	
	A - Excellent	امتياز	90 – 100	Outstanding Performance	
6 6	<b>B</b> - Very Good	جيد جدا	80 – 89	Above average with some errors	
Success Group (50 - 100)	C – Good	ختر	70 – 79	Sound work with notable errors	
	<b>D</b> - Satisfactory	متوسط	60 – 69	Fair but with major shortcomings	
	E - Sufficient	مقبول	50 – 59	Work meets minimum criteria	
Fail Group	FX – Fail	راسب (قيد المعالجة)	(45-49)	More work required but credit awarded	
(0 – 49)	<b>F</b> – 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.

اسم التدريسي مع اللقب العلمي والتوقيع





### **MODULE DESCRIPTION FORM**

نموذج وصف المادة الدر اسية (حقوق الانسان)

Module Information معلومات المادة الدراسية         Module Title       Human Rights and Democracy       Module Delivery         Module Type       Support         Module Code       UOF-104					<u> </u>	9	
Module Type       Support         Module Code       UOF-104       ☑ Theory ☑ Lecture         ECTS Credits       2       ☐ Practical ☑ Seminar         SWL (hr/sem)       50         Module Level       1       Semester of Delivery       2         Administering Department       MPH       College       Applied sciences – Fallujah University         Module Leader       Khalid Mohammed Mahel       e-mail       Khalid.mohammedm@uofallujah.edu.iq         Module Leader's Acad. Title       Asst. Lecture       Module Leader's Qualification       MSc.         Module Tutor       Khalid Mohammed Mahel       e-mail       Khalid.mohammedm@uofallujah.edu.iq         Peer Reviewer Name       Amir Morad Mull       e-mail       Amir murad@uofallujah edu.iq							
Module Code       UOF-104       ☑ Theory ☐ Lab ☐ Tutorial         ECTS Credits       2       ☐ Practical ☑ Seminar         SWL (hr/sem)       50         Module Level       1       Semester of Delivery       2         Administering Department       MPH       College       Applied sciences – Fallujah University         Module Leader       Khalid Mohammed Mahel       e-mail       Khalid.mohammedm@uofallujah.edu.iq         Module Tutor       Khalid Mohammed Mahel       e-mail       Khalid.mohammedm@uofallujah.edu.iq         Peer Reviewer Name       Amir Morad Mull       e-mail       Amir murad@uofallujah.edu.iq	Module Title	Humar	Rights and Demo	cracy	Modu	le Delivery	
ECTS Credits  2    Lab	Module Type		Support				
SWL (hr/sem)  SWL (hr/sem)  Module Level  Administering Department  MPH  College  Applied sciences − Fallujah University  Module Leader  Khalid Mohammed Mahel  Module Leader's Acad. Title  Asst. Lecture  Module Leader's Qualification  MSc.  Module Tutor  Khalid Mohammed Mahel  Amir Morad Mull  Peer Reviewer Name  Practical  Seminar  2  College  Applied sciences − Fallujah University  Module Leader's Qualification  MSc.  Module Leader's Qualification  MSc.  Amir Morad Mull  Amir Morad Mull  Amir murad@uofallujah.edu.iq	Module Code		UOF-104				
Module Level       1       Semester of Delivery       2         Administering Department       MPH       College       Applied sciences – Fallujah University         Module Leader       Khalid Mohammed Mahel       e-mail       Khalid.mohammedm@uofallujah.edu.iq         Module Leader's Acad. Title       Asst. Lecture       Module Leader's Qualification       MSc.         Module Tutor       Khalid Mohammed Mahel       e-mail       Khalid.mohammedm@uofallujah.edu.iq         Peer Reviewer Name       Amir Morad Mull       e-mail       Amir murad@uofallujah.edu.iq	ECTS Credits		2				
Administering Department         MPH         College         Applied sciences – Fallujah University           Module Leader         Khalid Mohammed Mahel         e-mail         Khalid.mohammedm@uofallujah.edu.iq           Module Leader's Acad. Title         Asst. Lecture         Module Leader's Qualification         MSc.           Module Tutor         Khalid Mohammed Mahel         e-mail         Khalid.mohammedm@uofallujah.edu.iq           Peer Reviewer Name         Amir Morad Mull         e-mail         Amir murad@uofallujah.edu.iq	SWL (hr/sem)	50					
Module Leader       Khalid Mohammed Mahel       e-mail       Khalid.mohammedm@uofallujah.edu.iq         Module Leader's Acad. Title       Asst. Lecture       Module Leader's Qualification       MSc.         Module Tutor       Khalid Mohammed Mahel       e-mail       Khalid.mohammedm@uofallujah.edu.iq         Peer Reviewer Name       Amir Morad Mull       e-mail       Amir murad@uofallujah.edu.iq	Module Level		1	Semester of	f Deliver	У	2
Module Leader's Acad. Title     Asst. Lecture     Module Leader's Qualification     MSc.       Module Tutor     Khalid Mohammed Mahel     e-mail     Khalid.mohammedm@uofallujah.edu.iq       Peer Reviewer Name     Amir Morad Mull     e-mail     Amir murad@uofallujah.edu.iq	Administering Dep	partment	MPH	College	Applied	sciences – Fall	ujah University
Module Tutor         Khalid Mohammed Mahel         e-mail         Khalid.mohammedm@uofallujah.edu.iq           Peer Reviewer Name         Amir Morad Mull         e-mail         Amir murad@uofallujah.edu.iq	Module Leader	Khalid Moham	med Mahel	e-mail	Khalid.r	nohammedm@	uofallujah.edu.iq
Peer Reviewer Name  Amir Morad Mull  e-mail  Amir murad@uofallujah.edu.jg	Module Leader's A	Acad. Title	Asst. Lecture	Module Lea	ider's Qu	alification	MSc.
Peer Reviewer Name     e-mail   Amir murad@uotalluiah.edu.id	<b>Module Tutor</b>	Khalid Moham	med Mahel	e-mail	Khalid.r	nohammedm@	uofallujah.edu.iq
	Peer Reviewer Name		Amir Morad Mull Ali	e-mail	Amir.murad@uofallujah.edu.iq		h.edu.iq
Scientific Committee Approval N/V / 2023 Version Number 1.0		ee Approval	\/ V / 2023	Version Nu	mber	1.0	

Relation with other Modules العلاقة مع المواد الدراسية الأخرى					
Prerequisite module	None	Semester			
Co-requisites module	Arabic	Semester	1		

Mod	Module Aims, Learning Outcomes and Indicative Contents				
	أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية				
	العمل على منهجية المشاركة والتفاعل في عملية التعليم لدى الطلاب من خلال تناول المهارات	•			
	والمواقف والمعارف المتعلقة بحقوق الانسان .				
	تعريف الطالب على لوحة حقوق الانسان التي صدرت في المنظمات العالمية وعلى الجهة التي	•			
	اصدرتها والمؤتمرات التي عقدت لذلك , وان الانسان له حق طبيعي وليس مكتسب وهذا الحق لا				
Module Objectives أهداف المادة الدر اسية	يتجاوز القوانين والانظمة وتعليمه ايضا بان الانسان له حق وعليه واجب احترام الاخرين والقوانين				
اهداف المادة الدر اسية	المركبة واحترام الراي الاخر .				
	زيادة معرفة الطالب بالجانب المفاهيمي النظري والتطور التاريخي لمادة الديمقراطية.	•			
	تنمية مهارات الطالب التحليلية والنقدية فيما يتعلق بواقع ومستقبل حقوق الديمقراطية	•			
	تدريب الطالب على اهمية المشاركة الفاعلة في جوانب الحياة العامة كتعزيز احترام مبادى حقوق	•			
	الانسان العامة والمشاركة الفاعلة في الحياة السياسية والثقافية.				

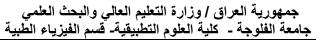




	جامعه العلوجة - كتيه العليقية- علم العيريع العبيد	
	تمكين الطلاب من فهم اهمية التعليم ودوره في نشر ثقافة الديمقراطية في بناء مجتمع حضاري يقوم على أساس الحكم الصالح الذي من اهم مقوماته الإيمان بحقوق الإنسان والتربية عليها والمشاركة الفاعلة	•
	في الحكم عبر الانتخابات الحرة والعادلة.	
	ي برود و المعلومات من الواقع حول انتهاكات حقوق الانسان ومناقشتها بطريقة علمية وايجاد الحلول للمشكلات التي تواجه الممارسة الديمقر اطية في العراق	•
	١. امداد الطلاب باكثر قدر ممكن من المعلومات والمعارف التي تمكنهم من	
	الوقوف على حقوق الانسان من حيث مفهومها واهدافها ومبادئها واهمية	
	تطبيقها في حياتهم ليعرفوا ما لهم من حقوق وما عليهم من واجبات.	
	٢. اكساب الطّلاب القدرة على التعلم الذاتي والتعلم المستمر باعتبار هما من	
	اهم إساليب النمو المعرفي والتكيف مع المستجدات العلمية والعملية في	
Module Learning	مجال حقوق الانسان .	
Outcomes	٣. ايقاف الطلاب على طرق الافادة من التقنيات المعاصرة التي جاءت بها	
The state of the s	العولمة والتي تتبح لهم فرص الاطلاع على المعلومات والمعارف المختلفة ا المتعلقة بحقوق الانسان	
مخرجات التعلم للمادة الدراسية	الملعقة بحقوق الإنسان الساعد الناس على فهم حقوقهم . ٤ . مكانية جعل الطالب واعياً لحقوق الانسان ليساعد الناس على فهم حقوقهم	
	وواجباتهم.	
	٥. كتابة التقارير.	
	6. مناقشة بعض الحاالت الخاصة بالمقررات ذات الطبيعة النظرية او العملية	
	والتي تصب في دعم المادة	
	التقييم عن طريق ورقة الاسئلة .	•
	كتابة التقارير.	•
	المناقشات العلمية المختلفة الخاصة بموضوع المحاضرة.	•
	التحاور والنقاش.	•
Indicative Contents	الاسئلة ذات التوجه الفكري.	•
المحتويات الإرشادية	التعلم التعاوني وذلك تقسيم الطالب إلى مجموعات صغيرة تتكون من 4-6 طلاب في المجموعة	
المحتويات الإراهادية	وتمكينهم من مناقشة أفكار الدرس المختلفة بعد تضمينها المعلومات التي تتعلق بقضية أو مشكلة تتعلق	Ū
	· ·	
	بحقوق الانسان ويطلب من الطالب تحليلها وإبداء الرأي حولها ومناقشتها امام كافة زملاء الصف.	
	دراسة الحالة Case Study وذلك من خلال عرض الحالة موضوع الدراسة إي المشكلة المتعلقة	•
	بحقوق الانسان في صورة قصة غير منتهية ويطلب من الطلاب من خلال أسئلة تُعيرها مسبقاً ان	
	يحللوا القصة، ويناقشوها، ويبدوا أراءهم حول مضامينها، ومن ثم يصنعون النهاية المناسبة.	

	Learning and Teaching Strategies			
	استراتيجيات التعلم والتعليم			
Strategies	1. اسلوب المحاضرة إذا تخلل المحاضرات الحوار الهادف والمناقشة البناءة بين الطالب والاستاذ . 2. التعلم التعاوني وذلك تقسيم الطلبة إلى مجموعات صغيرة تتكون من 4-6 طلاب في المجموعة وتمكينهم من مناقشة أفكار الدرس المختلفة بعد تضمينها المعلومات التي تتعلق بقضية أو مشكلة تتعلق بحقوق الانسان ويطلب من الطالب تحليلها وإبداء الرأي حولها ومناقشتها امام كافة زملاء الصف.			







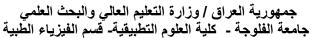
٣. دراسة الحالة Case Study وذلك من خالل عرض الحالة موضوع الدراسة إي المشكلة المتعلقة بحقوق الانسان في صورة قصة غير منتهية ويطلب من الطلاب من خلال أسئلة تُعيرها مسبقاً ان يحللوا القصة، ويناقشوها، ويبدوا آراءهم حول مضامينها، ومن ثم يصنعون النهاية المناسبة.

Student Workload (SWL) الحمل الدراسي للطالب محسوب لـ ١٥ اسبوعا					
Structured SWL (h/sem)         3.         Structured SWL (h/w)         2					
Unstructured SWL (h/sem) 7. Unstructured SWL (h/w) المنتظم للطالب خلال الفصل الدراسي غير المنتظم للطالب خلال الفصل			1.3		
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	50				

Module Evaluation تقييم المادة الدراسية								
		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome			
	Quizzes	2	10% (10)	5 and 10	LO #1, #2 and #8, #11			
Formative	Assignments	2	10% (10)	2 and 12	LO #3, #4, 5 and #6, #7			
assessment	Projects / Lab.	1	10% (10)	Continuous	All			
	Report	1	10% (10)	13	LO #3, #8 and #9			
Summative	Midterm Exam	۱hr	10% (10)	7	LO #1 - #10			
assessment	Final Exam	۱hr	50% (50)	16	All			
Total assessment			100% (100 Marks)					

Delivery Plan (Weekly Syllabus) المنهاج الاسبوعي النظري				
	Material Covered			
Week 1	معنى ومفهوم حقوق الانسان لغةً واصطلاحا			
Week 2	حقوق الانسان في الحضارات القديمة حقوق الانسان في الحضارة اليونانية والرومانية			
Week 3	حقوق الانسان في الحضارة المصرية وحقوق الانسان في حضارات العراق القديمة			
Week 4	حقوق الانسان في الديانات السماوية : في الديانة السماوية والمسيحية واليهودية			
Week 5	امتحان يومي			
Week 6	مصادر حقوق الانسان في العصر الحديث			
Week 7	معنى ومفهوم حقوق الانسان لغةً واصطلاحا			
Week 8	التعريف بالديمقر اطية (الاطار المفاهيمي)			
Week 9	التطور التاريخي لمفهوم الديمقر اطيةواهم انواعها			







Week 10	السمات الاساسية لمفوم الديمقر اطية.
Week 11	الديمقر اطية والمفاهيم المقاربة
Week 12	امتحان يومي
Week 13	الحكومات الديمقر اطية مع خصائص النظام الرئاسي والنظام البرلماني
Week 14	. دور احزاب السلطة و المعارضة السياسية في العملية السياسية، فضلاً عن دور وسائل الاعلام في الانظمة الديمقراطية.
Week 15	التعريف بالديمقر اطية (الاطار المفاهيمي)
Week 16	Preparatory week before the final Exam

Learning and Teaching Resources مصادر التعلم والتدريس				
	Text	Available in the Library?		
Required Texts	هادي, رياض عزبز. (2005). حقوق الانسان (تطورها مضامينها مصايتها وبغداد)	No		
Recommended Texts	السندي, ناز. بدرخان. (2012). حقوق الانسان والديمقراطية. كلية التربية ابن رشد للعلوم الانسانية جامعة بغداد. كاظم ، ماهر صبري، حقوق الانسان والديمقراطية والحريات العامة ،ط2،(بغداد ،مطبعة الكتاب 2010)	No		
Websites	-			

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

اسم التدريسي مع اللقب العلمي والتوقيع