Ministry of Higher Education and Scientific Research Scientific Supervision and Scientific Evaluation Apparatus Directorate of Quality Assurance and Academic Accreditation Accreditation Department



## Academic Program and Course Description Guide

## Introduction:

The educational program is a well–planned set of courses that include procedures and experiences arranged in the form of an academic syllabus. Its main goal is to improve and build graduates' skills so they are ready for the job market. The program is reviewed and evaluated every year through internal or external audit procedures and programs like the External Examiner Program.

The academic program description is a short summary of the main features of the program and its courses. It shows what skills students are working to develop based on the program's goals. This description is very important because it is the main part of getting the program accredited, and it is written by the teaching staff together under the supervision of scientific committees in the scientific departments.

This guide, in its second version, includes a description of the academic program after updating the subjects and paragraphs of the previous guide in light of the updates and developments of the educational system in Iraq, which included the description of the academic program in its traditional form (annual, quarterly), as well as the adoption of the academic program description circulated according to the letter of the Department of Studies T 3/2906 on 3/5/2023 regarding the programs that adopt the Bologna Process as the basis for their work.

In this regard, we can only emphasize the importance of writing an academic programs and course description to ensure the proper functioning of the educational process.

**Concepts and terminology:** 

**Academic Program Description:** The academic program description provides a brief summary of its vision, mission and objectives, including an accurate description of the targeted learning outcomes according to specific learning strategies.

<u>Course Description</u>: Provides a brief summary of the most important characteristics of the course and the learning outcomes expected of the students to achieve, proving whether they have made the most of the available learning opportunities. It is derived from the program description.

**<u>Program Vision</u>**: An ambitious picture for the future of the academic program to be sophisticated, inspiring, stimulating, realistic and applicable.

**Program Mission**: Briefly outlines the objectives and activities necessary to achieve them and defines the program's development paths and directions.

**Program Objectives:** They are statements that describe what the academic program intends to achieve within a specific period of time and are measurable and observable.

<u>**Curriculum Structure**</u>: All courses / subjects included in the academic program according to the approved learning system (quarterly, annual, Bologna Process) whether it is a requirement (ministry, university, college and scientific department) with the number of credit hours.

**Learning Outcomes:** A compatible set of knowledge, skills and values acquired by students after the successful completion of the academic program and must determine the learning outcomes of each course in a way that achieves the objectives of the program.

<u>Teaching and learning strategies</u>: They are the strategies used by the faculty members to develop students' teaching and learning, and they are plans that are followed to reach the learning goals. They describe all classroom and extra-curricular activities to achieve the learning outcomes of the program.

#### **Academic Program Description Form**

- University Name: Al Kut University College
- Faculty/Institute: Al Kut University College
- Scientific Department: Medical Physics Science
- Academic or Professional Program Name: Bachelor of Science in Medical Physics
- Final Certificate Name: Bachelor of Science in Medical Physics
- Academic System: Courses / Bologna system
- Description Preparation Date: 1/3/2024
- File Completion Date: 20/5/2024

Signature:

Head of Department Name: Assit. Prof. Nadhim Abdulkareem

Scientific Associate Name: Prof. Dr. Abdulzalua H Date: 27-5-2020

Date:

1715-2024

• The file is checked by:

Department of Quality Assurance and University Performance

Signature:

 Director of the Quality Assurance and University Performance Department: Dr. Ali Saad Alwan Date: 28/5/2024





#### 1. Program Vision

Building and qualifying an integrated scientific department based on distinguished scientific experiences that are in harmony with the labor market, meeting the needs of scientific institutions, following scientific methods that keep pace and compete with similar departments in local and international universities, and building the ministry's scientific directions.

#### 2. Program Mission

A new and qualitative addition to the field of medical physics by following the latest methodological, studied scientific means and methods, distinguished qualitative research, modern medical laboratories, and an experienced academic teaching staff to qualify specialists in medical physics with a high degree of scientific and technical skill who contribute to meeting the needs of the labor market and advancing this field to serve society.

#### 3. Program Objectives

Graduating and qualifying graduates specialized in the field of medical physics who have the ability to provide supportive medical services in the field of diagnosis and treatment with high quality (medical imaging using X–rays, MRI, radiation therapy, and other related fields), as well as contributing to the development of scientific and health research, and opening horizons New concepts in scientific research, the ability to work in health and field work, and providing them with administrative and practical skills in this specialty.

#### 4. **Program Accreditation**

Not yet

#### 5. Other external influences

None

6. Program Struct	6. Program Structure						
Program Structure	Number of	Credit hours	Percentage	Reviews*			
	Courses						
Institution	_	_	_	_			
Requirements							
College	-	_	_				
Requirements							
Department	48	240	_	_			
Requirements							
Summer Training	none	none	-	_			
Other	-	-	-	_			

\* This can include notes whether the course is basic or optional.

7. Program Description						
Year/Level Course Code Course Name Credit Ho						
			theoretical	practical		
	MPH11001	Electricity	2	2		
	MPH11004	Mathematics	2	-		
2023-2024	MPH11003	Chemistry	2	2		
First Stage / First Semester	MPH11006	Fundamental of computer science	2	2		
	MPH12007	Biology	2	2		
	MPH12012	Human Rights	2	-		
	MPH12010	Magnetism	2	2		
2023-2024	MPH11002	Mechanics	2	2		
First Stage /	MPH12009	Programming	2	2		
second Semester	SCI12012	General Physics	2	2		
	MPH12011	Arabic Language	2	_		

MPH22023	English Language	2	-

8. Expected learning outcome	es of the program
Knowledge	
1- The student should be introduced to	1- The student should know the basics of the required
the scientific concepts of physics.	sciences
2- The student should be introduced to	2- The student should understand the required scientific
the scientific concepts of medical physics.	details.
3- The student should know how to use	3- The student should analyze scientific developments.
laboratory equipment and benefit from	
them.	
4- Preparing qualified and trained cadres	
to work in health, scientific and educational	
institutions	
Skills	
1 – The skill of using laboratory	1- Good knowledge of medical terminology.
equipment.	2- Good knowledge of the English language.Statement
2 - The student is able to describe models	
and laboratory mediums.	
3 – The student is able to link the causes	
to the causes.	
Ethics	
1- Teamwork.	3-Commitment to the ethics of the university institution
2- To recognize the importance of the	4- Receiving information and accepting knowledge
subjects	

#### 9. Teaching and Learning Strategies

1 – Classroom education through theoretical and practical lectures.

2 - Conducting practical tests in laboratories.

#### 3 - Use the style of thinking, discussion and presentation of information

#### 10. Evaluation methods

- 1– Exam grades.
- 2 Evaluation of reports.
- 3 Graduation research.
- 4 Evaluation of summer training in health institutions.

11. Faculty								
Faculty Members								
Academic Rank	Specializ	zation	Special Requirements/ Skills (if applicable)		r of the ng staff			
	General	Special		Staff	Lecturer			
Prof. Dr. Bodour Yassin Hamoud Al-Ameri	Physics Sciences	Atmospheric Physics		~				
Prof. Faisal Mahmoud Mohamed	Biology	Microbiology		~				
Prof. Dr. Anam Rashid Abdul Razzaq Al-Salhi	Human Anatomy	Infertility and embryos		~				
Assist. Prof. Nazem Abdel Karim Abdel Hussein	Philosophy in Physics	Physics Sciences		~				
Dr. Sura Faiz Abdul Mohsen Al-Fadhli	Radiology and Medical Imaging	Medical Imaging		~				
Dr. Saad Abbas Hamada Al-Ramahi	Physics Sciences	Nuclear and Applied Physics		~				
Dr. Ahmed Jassim Mohammed	Physics Sciences	Medical Physics		~				

	Γ	1		
Dr. Muhannad Adnan Hamad Ismail	General Medicine	Orthopedics and Traumatology	~	
Dr. Thuraya Khaled Abdel Wahed	Microbiology	Philosophy in Parasitology	~	
Assist. lec Tabarak Abdul Karim Hussein Al-Durr Al-Badri	Biology	Microbiology	v	
Assist. lec Aws Riyad Waheed Al-Issawi	Diagnostic Radiology	Diagnostic Radiology	~	
Assist. lec. Mai Anwar Raouf Ali Al-Ali	Science in Physics	Medical Physics	~	
Assist. lec Mahdi Abdul Sahib Mahdi Aljawahri	Science in Physics	Solid State Physics	~	
Dr. Mohamed Faleh Majed	Science Physics	Nuclear Physics Science		~
Dr. Alaa Zughayer Sakhil Al-Bajnani	Science of Physics	Biomedical Applications		~
Assist. lec. Rehab Abdul Hussain Ali	Physics Sciences	Electromagnet ic	~	~
Assist. lec. Mohamed Thaer Rashid	Mechanical Engineering	Production & Manufacturin g	v	
Assist. lec. Safaa Takleef Yasser	Physics Sciences	Nanotechnolo gy	~	
Assist. lec. Ali Abdul Suleiman Hassan	Physics Sciences	Medical Physics	~	
Assist. lec. Russel Nouri Kaeid	Law	Criminal Law	~	
Assist. lec. Mohamed Mostafa Abdel Kazem	Chemistry Sciences	Biochemistry Sciences	~	

#### **Professional Development**

Mentoring new faculty members

Directing the new faculty members to the need to work on developing the scientific method, methods of delivering a scientific lecture, and how to deliver the practical material to the student.

#### Professional development of faculty members

Work on finding development ideas and work on developing scientific laboratories and the practical side since the students' specialization is a scientific specialization

#### 12. Acceptance Criterion

Students who graduated from the preparatory study are allowed to accept the college of the Department of Medical Physics after passing the study and success and obtaining an average of 56.5% or more for admission and the department accepts graduates of the preparatory scientific study biological, scientific and applied branch.

#### 13. The most important sources of information about the program

Textbooks prescribed by the Ministry of Higher Education and Scientific Research

- 2- External scientific sources
- 3- Using libraries and the Internet.

#### 14. Program Development Plan

The department seeks to provide a lot of methodological and research plans in order to develop the department and the scientific environment, as the department presidency, the department council and the scientific committee are working to provide all the requirements for the development of the department.

	Program Skills Outline														
							Requi	red p	rogran	ı Learı	ning ou	utcome	es		
Year/Level	Course Code	Course Name	Basic or		Kno	wledge	)		Sk	ills			Eth	ics	
			optional	A1	A2	A3	A4	B1	B2	<b>B3</b>	B4	C1	C2	<b>C</b> 3	<b>C4</b>
	MPH11001	Electricity	Basic	~	~	~	~	~	~	~	~	~	~	~	~
2023-2024	MPH11004	Mathematics	Basic	~	~	~	~	~	~	~	~	~	~	~	~
First Stage /	MPH11003	Chemistry	Basic	~	~	~	~	~	~	~	~	~	~	~	~
First Semester	MPH11006	Fundamental of computer science	Basic	~	~	~	~	~	>	~	~	~	~	~	~
	MPH12007	Biology	Basic	~	~	~	~	~	~	~	~	~	~	~	~
	MPH12012	Human Rights	Basic	~	~	~	~	~	~	~	~	~	~	~	~
	MPH12010	Magnetism	Basic	~	~	~	~	~	~	~	~	~	~	~	~
2023-2024	MPH11002	Mechanics	Basic	~	~	~	~	~	~	~	~	~	~	~	~
2023-2024	MPH12009	Programming	Basic	~	~	~	~	~	>	~	~	~	~	~	~

Stage / second	SCI12012	General Physics	Basic	~	~	~	~	~	~	~	~	~	~	~	~
Semester	MPH12011	Arabic Language	Basic	~	~	~	~	~	~	~	~	~	~	~	~
	MPH22023	English Language	Basic	~	~	~	~	~	~	~	~	~	~	~	~

• Please tick the boxes corresponding to the individual program learning outcomes under evaluation.

#### **Course Description Form (1)**

- 1. Course Name:
- Electricity

#### 2. Course Code:

- 3. Semester / Year:
- 1<sup>st</sup> Semester 2024–2023

#### 4. Description Preparation Date:

• 2024

#### 5. Available Attendance Forms:

- Attendance
- 6. Number of Credit Hours (Total) / Number of Units (Total) 150 brs /6 credits

## 150 hrs /6 credits

- 7. Course administrator's name (mention all, if more than one name)
- Name: Dr. Mohammed Falih Majid

#### Email: alwassity@ymail.com

8. Course Obje	8. Course Objectives					
Course Objectives	<ul> <li>The study of electric charge involves differentiating between conductors and insulators and using them to demonstrate the existence of charges.</li> <li>Coulomb's law will be stated and its expression derived and used in calculations.</li> <li>Along with this, electric field, dipole moments; potential energy; and torque on an electric dipole.</li> <li>flux of electric field will be defined. Their expressions will be derived and also used to solve problems.</li> </ul>					
9. Teaching and	d Learning Strategies					
Strategy	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 tutorials and by considering type of involving some sampling activities the students.	of simple experiments
10. Cours	se Struc	ture	
Week	Hours	Required Learning Outcomes	Evaluation
			method
Week 1		Electric charge, Charge is conser	ved,
Week 2		Electric Charge and the Structure	e of
Week 3		Matter.	
Week 4		Conductors, Insulators, and Indu	uced
Week 5		Charges, Charging an object.	
Week 6	2	Coulomb's law.	
		Electric field, A point charge in	
Week 7		electric field, A dipole in an electric fi	
Week 8		Flux of the electric field, Gauss's law.	
		Gauss's law and Coulomb law,	
Week 9		insulated conductor. Electric potentia	
		Potential and the electric field, A grou	ip of
Week 10		point charges.	
***		Potential due to a dipole, Elec	ctric
Week 11		potential energy.	
Week 12		Capacitance, Calculating Capacitance	
		Energy storage in an electric f	
Week 13		Parallel plate capacitor with dielec Dielectrics and atomic view.	uric.
WEEK 13			low_
Week 14		Current and current density, Ohm's A microscopic view.	1a W -
11 UCK 14		-	the
Week 15		current.	
		Potential difference.	
Week 16		Multi loop circuits.	
		Preparatory week before the final Ex	am
11. Cou	urse Eva		
Quizzes		10% (10)	
Assignm	ents	10% (10)	
Projects		10% (10)	
Report		10% (10)	

Midterm Exam	10% (10)				
Final Exam	50% (50)				
Total assessment	100% (100 Marks)				
12. Learning and Te	aching Resources				
<b>Required Texts</b>	equired Texts Physics/John D. Cutnell & Kenneth W. Johnson—9th ed.				
<b>Recommended Texts</b>	Fundamentals of Physics Extended 9th-HQ-Halliday				
Websites	https://engineeringinterviewquestions.com/electrostat ic-electrical-engineering-multiple-choice-questions- and-answers/				
Required Texts Physics/John D. Cutnell & Kenneth W. Johnson—9th ed.					

	<b>Course Description Form (2)</b>
13.	Course Name:
Mathematic	CS
14.	Course Code:
Kus1101	
15.	Semester / Year: Semester
1 <sup>st</sup> semeste	r \2024
16.	Description Preparation Date:
2024	
17.Avail	able Attendance Forms:
	dance
	ber of Credit Hours (Total) / Number of Units (Total)
125 F	lours /5 ects
19.	Course administrator's name (mention all, if more than one name)
Name	e: Dr.Alaa zghair skheel
Emai	l: alaa.skheel@alkutcollege.edu.iq
20.	Course Objectives
Course	1. Identify the properties of mathematical functions and their opposites.
Objectives	2. Familiarity with the properties of polynomials, exponential and logarithmic
	functions, trigonometric functions and their opposites.
	3. Recognize the concept of differential functions and its relationship to speed and
	the rate of their change with time (acceleration).
	4. Identify the integration of the functions and methods of Integration.
	5. Knowledge of applications of integral in geometry
21.	Teaching and Learning Strategies
Strategy	1- Following up the scientific development of mathematics by reviewing
	modern curricula.
	2- Follow-up and development of academic courses and compare them with
	other universities.
	<ul><li>3- Using the latest teaching aids to motivate the student to learn and understand</li></ul>
	5 Using the facest teaching ards to motivate the student to rearn and understalld

Week	Required		Unit or subject		Learning	Evalu	Evaluation	
	Learn	ing	name		method	metho	bd	
	Outco	omes						
Week 1	Functi	ons, Inverse Fur	ictions.					
Week 2		Trigonometric Functions, Inverse Trigonometric Functions.						
Week 3	Expor	ential and ithmic Functions						
Week 4		and Continuity						
Week 5	The D	erivative, The C	hain Rule.					
Week 6	Implic	t Differentiation	n, L'Hopitals R	ule.		701	1	
Week 7		erivative in grap oplications, Relat		Through Continuous discussions, 2				2 Hours
Week 8		s Theorem; Mea		rem	guidance of direct direct direct			
Week 9	The in	definite integral	, Areas under a	under a curve professor during ,				
Week 10	calcul	Indamental theor us, between two curv	-		daily lectures			
Week 11	The in	The integral of trigonometric functions , the integral of inverse trigonometric						
Week 12		The integral of the functions logu(x),lnu(x) $e^{u(x)}$ and $a^{u(x)}$						
Week 13	Metho	Methods of integration,						
Week 14		powers of trigonometric functions Integration by parts						
Week 15	Volur		-					
23. Cour	se Eva	aluation						
Quizzes		10% (10)				<u>.</u>		
Assignments		20% (20)						
Projects / Lal	).	~ /						
Report		10% (10)						
Midterm Exa	m	10% (10)						
Final Exam		50% (50)						
	Fotal assessment100% (100 Marks)							
24. Lear	ning ar	nd Teaching	Resource	s				
		curricular boc		Thor	nas & Finney ''C netry'' (2005), 11 Wesley.			•
Da			Davi	Howard Anton,IrI Bivens & Stephen Davis "Calculus"(2009),9 <sup>th</sup> edition,John Wiley & Sons,NC.			n	
Electronic Re					us lectures and	lastura	otos or	a tha inte

#### **Course Description Form (3)**

1. Course Name:

Computer

2. Course Code:

KUS 1102

3. Semester / Year:

The first stage – the first semester / for the academic year 2023-2024

4. Description Preparation Date:

22/05/2024

5. Available Attendance Forms:

Classroom teaching (in-person)

6. Number of Credit Hours (Total) / Number of Units (Total)

Number of hours (30) / Number of units (3)

7. Course administrator's name (mention all, if more than one name)

Name: zaid hekmet kareem Email: zaid.hekmet@alkutcollege.edu.iq

8. Course Objectives

Course Objectives	The computer course, in the theoretical aspect, also includes computer basi
	as a brief historical summary of the development and generations of compute
	as well as types of computers. Detailed explanation of computer compone
	(hardware and software); In addition to introducing the student to num
	systems (decimal & binary); The last topic revolves around introducing
	student to the Internet and the internal network. As for the practical aspect,
	student learns the basics of ready-made programs that include Microsoft Of
	and the Windows operating system, such as the course includes practical hou
	so the most important outcome is the student's mastery of dealing with
	calculator as an easy tool to handle.

9. Teaching and Learning Strategies

Strategy In order to enable students to learn computer skills effectively, he are some of them Strategies that can be used:

1. Provide hands-on activities: Incorporate hands-on activiti projects, events, and exercises to effectively engage students in t learning process. Practical Application of concepts helps studen understand how computers work and enhances their understandin

	2. Using visual aids and interactive resources: Use visual aids, grap Infographics and interactive resources such as tutorials, simulation
	and programming platforms to make abstract concepts more realised and engaging.
	3. Promote a collaborative learning environment: Encourage stude
	to work in teams or pairs on projects or programming exercis
	Cooperative learning allows students to share ideas, help each oth and learn from different perspectives.
	4. Personalize the learning experience: Recognize studer differences
	Learning methods and steps. Providing individual learn
	opportunities, allowing students to progress at their own pace a explore topics of interest to them. Design the learning experience accommodate diversity of learning needs.
	5. Encourage exploration and experimentation: Encourage students
	explore
	And experience different programming languages, tools, and tools
	Technologies. Allow them to pursue their own programming proje and interests. This promotes curiosity and self-directed learning.
	6. Connect with real-world applications: Show the extent of ye
	computer skills Applied in various fields and industries. Show examples of how to
	markup
	In creating websites, mobile applications, robots, or data analy delivery
	Computer skills for real-world applications can motivate and assistudents
	<ul><li>They understand the practical importance of what they learn.</li><li>7. By updating technology trends: Stay up to date with the lat developments</li></ul>
	Technology trends, tools and programming languages. Merge rela
	Updated content in the curriculum to ensure students learn skills Which are required in the labor market.
	It is important to create a supportive and inclusive learn environment
	Students feel encouraged to ask questions, take risks, and explore the interests. by
	By implementing these strategies, we can help students develop a so foundation in
	Computer skills and enhance their passion for technology
10. Cours	e Structure

Week	Hours	Required Learning	Unit or subject	Learning	Evaluation
		Outcomes	name	method	method
1 2 3 4 5 6 7 8 9 10 11 12 13 14	2	Introduction to co computer history Computer classes Computer compo Computer compo Computer compo Computer compo temporary memo Secondary memo Number systems Number systems Number systems Number systems	omputers nents 1 nents 2 nents 3 nents 4 ry ry 1 2 3	Continuous guidance of students by the professor during daily lectures	Through discussions, direct questions, and daily tests
14		final exam			
- Labor - Repor Summa - Midte - Final e	tive eval rm exam exam 50%	% uation: 10%	ources		
Require	d textboo	ks (curricular books, if	Design , Fundamenta Architecture Assembly La Internationa Publishing A -Peter Nort Computers" Edition, 200 059374-9. -B. Hemant Stratford Co	anguage", Spr al AG 2018 . con "Introduct , sixth 98, ISBN-13:9' a, Computer F	er, inger tion to

	944 ,2019Pages.
Main references (sources)	non
Recommended books and references (scientific journals, reports)	Steven Freund, Gary B. Shelly, Thomas J. Cashman , Misty Vermaat, Introduction to Computers, Eighth Edition, 2012, ISBN10 143908131X, ISBN13 9781439081310
Electronic References, Websites	non

#### rintion Form (4) ~ ~

		ripuon Form (4)
1. Cou	rse Name:	
Ge	neral Biology	
2. Cou	rse Code:	
SC	CI 1104	
3. Sen	nester / Year:	
Fir	st semester/First stage	
4. Des	cription Preparation Date:	
21	/5/2024	
	ilable Attendance Forms:	
	lass and online	
	nber of Credit Hours (Total) 5/7	/ Number of Units (Total)
	1	(mention all, if more than one name)
	ne: Assistant Lecturer Taba	
Ema	ail: Tabarak.alkareem@alk	utcollege.edu.iq
8 Cou	rse Objectives	
Course Obje	-	1. Give a general understanding of the types, divisio
		and components of organisms.
		2. Understand the effect of organisms on humans a
		their environments.
		3. Gain practical knowledge of the classification
		organisms
		4. Complete the reports, seminars, and presentation
• <b>-</b>		to develop the student's skills.
	ching and Learning Strategie	
Strategy	learn such as participation and workshops, as well a refine and expand their of through classes, interact	sed in this module to encourage students n in the exercises, seminars, lab experimen is using educational videos and electronic critical thinking skills. This will be achiev tive tutorials, and by considering types ving some interesting sampling activities t
10. Cours	e Structure	

Week	Hours	Required	Unit or subject	Learning	Evaluation
		Learning	name	method	method
		Outcomes			
Week 1	2 Hours	Introduction to chem	nistry Introduction to the	Continuous guida	Through discussions,d
	_	science		of students by	questioning, and daily ex
Week 2	_	The characteristics of		professor during d	
Week 3	_	The characteristics of		lectures	
Week 4 Week 5	-	The kingdom of orga			
Week 5 Week 6	-		imal and plant Kingdoms		
Week 0 Week 7	-	Kingdom Monera Mid-term Exam			
Week 8	-	Chemistry of life (1)			
Week 9		Chemistry of life (2)			
Week 10	-	Cell structure and fu			
Week 11		Cell structure and fu			
Week 12		Cell life cycle			
Week 13	-	Mitosis			
Week 14		Meiosis			
Week 15		Final exam			
Assignme Projects Report 5 Summati Midterm Final Exa	Quizzes 5% Assignments 10% Projects / Lab. 20% Report 5% Summative assessment: Midterm Exam 10% Final Exam 50%				
12. Le	earning a	nd Teaching Re	esources		
Required	textbooks	(curricular books	Biology: Conce	-	-
any)	any) Reece, Taylor, and Simon; Latest edition 2018				est edition 2018
Main refe	Main references (sources)				
reference	Recommended books and The Science of Biology by Sadava, Hillis, Heller references (scientific journals, Berenbaum 9th ed. 2011 reports)				ava, Hillis, Heller a
Electronic References, Websites https://www.coursera.org/browse/biology- science				rowse/biology-	

## **Course Description Form (5)**

1. Course Name:					
General Chemi	General Chemistry				
2. Course Code:					
SCI 1105					
3. Semester / Yea	r:				
First semester	/First stage				
4. Description Pro	eparation Date:				
22/5/2024					
5. Available Atten	dance Forms:				
In class and on					
	it Hours (Total) / Number of Units (Total)				
175/7					
	strator's name (mention all, if more than one name)				
	t Lecturer Doctor Ali Khalaf				
Email:					
8. Course Objectiv	es				
Course Objectives	1-To develop skills and understanding of different types of elements				
	through the application of techniques.				
	2. To understand metals, physical and chemical properties.				
3. This course deals with the basic concept of general chem					
	4. To understand periodic table and distribution elements on it				
9. Teaching and L	earning Strategies				
of the staff. learning ex 'research-li Activities (reflection information accommoda inclusivity of of learning Learning ac interdepend	should, of course, motivate and encourage deep learning on wider meanings, rather than superficial memorisation of ). They should also be varied and flexible enough to te different learning styles and orientations, and allow for of students from different backgrounds and with different kinds				

Week			Unit or subject	Learning method	Evaluation method	
		Learning Outcomes	name	method		
Week 1 Week 2 Week 3	$\begin{array}{c c} \hline x & 2 \\ \hline x & 3 \\ \hline x & 5 \\ \hline p \\ \hline \end{array}$	Periodic ta	on to chemistry ble tructure types of		questioning, and	
Week 5		bonding Physical properties/ Structures	and chemical Drawing Lewis	professor during daily lectures	daily exams.	
Week 6 Week 7		Chemical	n solution (types of			
Week 8 Week 10		Exam	Bases and titration			
Week 12		Titrimetric				
Week 14 Week 1		Separation elements Preparator	y week before the	-		
Formativ Quizzes	ve assessi					
Projects Report 1 Summat Midtern Final Exa	/ Lab. 10 0% ive assess n Exam 1 am 50%	% sment: 0%				
			ng Resources			
Required books, if		oks (currici	A Textbook of Pl Graw-Hill 2019	hysical Chemist	ry Vol-6 Kapoor,K.L	
Recomm		ources) books and fic journals,	Introductory Cher Pearson 2015	nistry Essentials	s, Global Edition Tro,	

Electronic References, Website	https://openstax.org/details/books/chemistry-2e
	https://open.umn.edu/opentextbooks/textbooks/219

#### **Course Description Form (6)**

1. Course Name:

Democracy And Human Rights

2. Course Code:

KUS1103

3. Semester / Year:

First \2024-2023

#### 4. Description Preparation Date:

6/11/2023

5. Available Attendance Forms:

Attendance

#### 6. Number of Credit Hours (Total) / Number of Units (Total)

7/175

#### 7. Course administrator's name (mention all, if more than one name)

Name: sajad kadem Email: none

#### 8. Course Objectives

#### 9. Teaching and Learning Strategies

Strategy	In this aspect, it depends on the following: 1- The student is introduced, starting with a brief content of the vocabulary that will be cove during the lecture, then we ask him some questions that move his mind and attract his attention ensure good listening
	<ul> <li>2- Scientific vocabulary is explained in depth within limits commensurate with the average scien levels to ensure that individual differences are not exceeded among all students.</li> <li>3- Space is left for free discussion regarding the framework of the topic assigned to the lecture.</li> <li>4- Make sure to provide information feedback before the end of the lecture</li> <li>5- Communicate electronically with students to publish recorded and written lectures through university's website.</li> </ul>

#### 10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
Week1	2	Definition and nature of human rights		Continuous guidance	1-report

Week2	Historical developmer	nt of human right	students by	2-quize		
Week3	Advantages of human	0		3-projects		
	8	rights				
Week4	Human rights in heave	enly religions	lectures			
Week5	Human rights in inter					
	conventions					
Week6	Human rights in inter	nal legislation				
Week7	-	Personal human rights				
Week8	Social human rights					
Week9	Cultural human rights					
Week10	Economic human right	ts				
Week11	International human r	ights guarantees				
Week12	Regional human rights	0				
Week13	Internal (national) hui	man rights				
	guarantees					
Week14	Penalties resulting fro	m violating huma				
	rights					
Week15	final exam					
11. Cours	e Evaluation					
Formative ass	sessment: daily exams 10%					
Homework: 1	-					
Reports10%						
Attendance 1	0%					
Summative as						
Midterm exan						
Final exam 50						
12. Learni	ing and Teaching Resour	ces				
Required textb	ooks (curricular books, if any	) Book: Human rig protection)/Dr. F	hts (their development Riad Aziz Hadi	, contents, and		
Main reference	es (sources)					
Recommended	d books and references	Human Rights	/ Dr. Hamid Hanour	1		
(scientific jourr	nals, reports)					
Electronic Refe	erences, Websites		kipedia.org/wiki			
			un.org/ar/about-us	/universal-		
			-human-rights			
		https://www.	noor-book.com/			

#### **Course Description Form (7)**

- 1. Course Name:
- Magnetism
- 2. Course Code:
- MPH12008
- 3. Semester / Year:
- 2<sup>nd</sup> Semester 2024–2025
- 4. Description Preparation Date:
- 2024
- 5. Available Attendance Forms:
- Attendance
- 6. Number of Credit Hours (Total) / Number of Units (Total)
- **150 hrs.** /6 credits
- 7. Course administrator's name (mention all, if more than one name)
- Name: Dr. Mohammed Falih Majid
- Email: alwassity@ymail.com

#### 8. Course Objectives

Course Objective	<ul> <li>This unit is designed to provide experiences for the student that will lead him/her into an understanding of the similarities and differences among electric, magnetic, and gravitational fields.</li> <li>The inquiry projects used here will support instruction in electrical circuits, gravitational dynamics, and electromagnetic phenomena of all sorts.</li> <li>The students will know how to demonstrate magnetic field and interaction using magnets, and current-carrying wire, show the influence of the magnetic field by a moving charge using a oscilloscope, and demonstrate the electromagnetic induction/ Faraday's law using simple materials</li> </ul>
9. Teaching ar	nd Learning Strategies
Strategy	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

		tut inv	ills. This will be a orials and by consi volving some samplin idents.	dering type of sin	nple experime	ents
10. Cours						
Week	Н		uired Learning Outco		Evaluation met	
Week 1 Week 2 Week 3 Week 4 Week 5 Week 6 Week 7 Week 8 Week 9 Week 10 Week 11 Week 12 Week 13 Week 14	2	magr Magr Calco Moti The 7 Amp Magr magr charg Magr Sava Magr Force Magr Indue Indue 1- M 2- Er	magnetic field, Magne netic field netic field lines, Magn ulating the magnetic fi on of charged particle Torque on a Current-Coere's law, Application netic field of current, S netic field of current e rt law. netic field of a long str e between parallel Con netic field of a long str e between parallel Con netic field of circular l ced electromotive forc ced electric fields, Len ctance futual and self-inducta nergy in an inductor circuit, L-C circuit	netic flux ield. s in magnetic fields. Carrying Coil. s of ampere's law Sources of eld of moving element, Biot- raight conductor, nductors loop. ce, Faraday's law. ns's law.	Exercises discussions	and
Week 15			aratory week before th	ne final Exam		
Week 16		P				
11.Cours	e Ev	aluati				
Quizzes			10% (10)			
Assignme			10% (10)			
Projects /	Lab.		10% (10)			
Report			10% (10)			
Midterm	Exan	1	10% (10)			
Final Exa	m		50% (50)			
Total asse	essme	nt	100% (100 M	arks)	•	
12. Lean	ning a	and Te	eaching Resources			
	<u> </u>					

<b>Required Texts</b>	Physics/John D. Cutnell & Kenneth W. Johnson—9th
<b>Recommended Texts</b>	Fundamentals of Physics Extended 9th-HQ-Halliday
Websites	https://engineeringinterviewquestions.com/electrostatic- ectrical-engineering-multiple-choice-questions-and-answers/

## **Course Description Form (8)**

1. Cours	se Name:				
General Pl	hysics				
2. Cours	se Code:				
SCI12012					
-	ster / Year: Semester				
2 <sup>nd</sup> semeste	er \ 2024				
4. Description Preparation Date:					
• 2024					
5. Availa	able Attendance Forms:				
Attendance					
6. Numb	per of Credit Hours (Total) / Number of Units (Total)				
175 H	Hours /7 ECTS				
7. Cours	se administrator's name (mention all, if more than one name)				
	e: Dr.Alaa zghair skheel				
Email	l: alaa.skheel@alkutcollege.edu.iq				
8. Cours	se Objectives				
Course	1. To have knowledge about General Physics basic principles				
Objectives	like Mechanics of liquid and material properties.				
	2. To get skills in solving mathematical problems that related to				
	physics subjects.				
	3. To get practical skills in managing physics experiments in the				
	lab. and record measurements				
	and then calculate required quantitie				
	4. Analysis the physical information in syllabus and be able to				
	make conclusions by joining between physical concepts.				
	5. To be able to apply his knowledge in physics in market.				
9. Teach	ning and Learning Strategies				
Strategy 7	The main strategy that will be adopted in delivering this module is to				
е	encourage students' participation in the exercises, while at the same				
	32				

			refining and expanding the		U U	
			eved through classes, onlined dering type of simple experience.			•
			ities that bring attention of		•	1 0
10.	11		12. Course Structure			
		-	ired Learning Outcomes or subject name	Hours	Learning method	Evalua tion
		onite			method	metho d
Week	1		Mechanics: Fluid ity and Pressure			
Week	2	Meas	suring Pressure	0.1		
Week	3	Pasca	al principle.	2 hrs		
Week 4 Archim Buoyan			imedes principle of vancy			
Week			dynamics and oulli's Equation		Continuous	
Week	6	Surfa	ce tension		guidance of	Through
Week	7	Exan	1.		students by the professor	discussions, direct
Week	8		mal Physics: Heat and nal energy		during daily lectures	questioning, and daily
Week	9	Speci	ific Heat			exams
Week	10	Energ	gy transfer			
Week	11	Appl	ications of Energy transfer			
Week	12	Calor	rimeter	]		
Week	13	Ideal	gases			
Week	14	Kine	tic theory of gases			
Week	15		lications of Kinetic ry of gases			
13.Cc	ours	e Eval	luation			
Quizz	es		10% (10)			
Assign	nm	ents	10% (10)			

Projects / Lab.	10% (10		
Report	10% (10)		
Midterm	10% (10)		
Exam	10% (10)		
Final Exam	50% (50)		
	Total assessm	nent 100% (100 Marks)	
14. 15.	16.Learning and	Teaching Resources	
Required textb	ooks (curricu	Applied Physics by Schaum 2013.	
books, if any)			
Main references	(sources) I	Physics for scientists and engineers by Serway 20	

17.	Course Name:
Mechanics	
18.	Course Code:
MPH12007	
19.	Semester / Year:
	nester/2024
20.	Description Preparation Date:
2024/5/21	
	able Attendance Forms:
	class and online
22.Num	ber of Credit Hours (Total) / Number of Units (Total)
175	
23.	Course administrator's name (mention all, if more than one
name	
	e: mohammed thair rashid
EIIIai	l: mohamed.rashid@alkutcollege.edu.iq
24.	Course Objectives
Course Objec	tives • Define the meaning of mechanics.
Course Objec	
Course Objec	Develop a clear understanding of basic physical phenomena in
Course Objec	Develop a clear understanding of basic physical phenomena in
Course Objec	<ul> <li>Develop a clear understanding of basic physical phenomena in physics and materials science as an integral part of the student's</li> </ul>
Course Objec	<ul> <li>Develop a clear understanding of basic physical phenomena in physics and materials science as an integral part of the student's overall education</li> <li>Compare between vectors and scalar quantities.</li> </ul>
Course Objec	<ul> <li>Develop a clear understanding of basic physical phenomena in physics and materials science as an integral part of the student's overall education</li> <li>Compare between vectors and scalar quantities.</li> </ul>
Course Objec	<ul> <li>Develop a clear understanding of basic physical phenomena in physics and materials science as an integral part of the student's overall education</li> <li>Compare between vectors and scalar quantities.</li> <li>Calculate and find the displacement, velocity and acceleration of bodies.</li> </ul>
Course Objec	<ul> <li>Develop a clear understanding of basic physical phenomena in physics and materials science as an integral part of the student's overall education</li> <li>Compare between vectors and scalar quantities.</li> <li>Calculate and find the displacement, velocity and acceleration of bodies.</li> </ul>
Course Objec	<ul> <li>Develop a clear understanding of basic physical phenomena in physics and materials science as an integral part of the student's overall education</li> <li>Compare between vectors and scalar quantities.</li> <li>Calculate and find the displacement, velocity and acceleration of bodies.</li> <li>Use algebra, trigonometry, and basic calculus, in solving</li> </ul>
Course Objec	<ul> <li>Develop a clear understanding of basic physical phenomena in physics and materials science as an integral part of the student's overall education</li> <li>Compare between vectors and scalar quantities.</li> <li>Calculate and find the displacement, velocity and acceleration of bodies.</li> <li>Use algebra, trigonometry, and basic calculus, in solving problems in one and</li> <li>two-dimension motion.</li> <li>Provide detailed and accurate description of forces effect on</li> </ul>
Course Objec	<ul> <li>Develop a clear understanding of basic physical phenomena in physics and materials science as an integral part of the student's overall education</li> <li>Compare between vectors and scalar quantities.</li> <li>Calculate and find the displacement, velocity and acceleration of bodies.</li> <li>Use algebra, trigonometry, and basic calculus, in solving problems in one and</li> <li>two-dimension motion.</li> <li>Provide detailed and accurate description of forces effect on bodies.</li> </ul>
Course Objec	<ul> <li>Develop a clear understanding of basic physical phenomena in physics and materials science as an integral part of the student's overall education</li> <li>Compare between vectors and scalar quantities.</li> <li>Calculate and find the displacement, velocity and acceleration of bodies.</li> <li>Use algebra, trigonometry, and basic calculus, in solving problems in one and</li> <li>two-dimension motion.</li> <li>Provide detailed and accurate description of forces effect on bodies.</li> <li>Classify the energy types.</li> </ul>
Course Objec	<ul> <li>Develop a clear understanding of basic physical phenomena in physics and materials science as an integral part of the student's overall education</li> <li>Compare between vectors and scalar quantities.</li> <li>Calculate and find the displacement, velocity and acceleration of bodies.</li> <li>Use algebra, trigonometry, and basic calculus, in solving problems in one and</li> <li>two-dimension motion.</li> <li>Provide detailed and accurate description of forces effect on bodies.</li> </ul>
	<ul> <li>Develop a clear understanding of basic physical phenomena in physics and materials science as an integral part of the student's overall education</li> <li>Compare between vectors and scalar quantities.</li> <li>Calculate and find the displacement, velocity and acceleration of bodies.</li> <li>Use algebra, trigonometry, and basic calculus, in solving problems in one and</li> <li>two-dimension motion.</li> <li>Provide detailed and accurate description of forces effect on bodies.</li> <li>Classify the energy types.</li> <li>Calculate the work done on subject</li> </ul>
Course Objec	<ul> <li>Develop a clear understanding of basic physical phenomena in physics and materials science as an integral part of the student's overall education</li> <li>Compare between vectors and scalar quantities.</li> <li>Calculate and find the displacement, velocity and acceleration of bodies.</li> <li>Use algebra, trigonometry, and basic calculus, in solving problems in one and</li> <li>two-dimension motion.</li> <li>Provide detailed and accurate description of forces effect on bodies.</li> <li>Classify the energy types.</li> <li>Calculate the work done on subject</li> </ul>
	<ul> <li>Develop a clear understanding of basic physical phenomena in physics and materials science as an integral part of the student's overall education</li> <li>Compare between vectors and scalar quantities.</li> <li>Calculate and find the displacement, velocity and acceleration of bodies.</li> <li>Use algebra, trigonometry, and basic calculus, in solving problems in one and</li> <li>two-dimension motion.</li> <li>Provide detailed and accurate description of forces effect on bodies.</li> <li>Classify the energy types.</li> <li>Calculate the work done on subject</li> </ul>

26. Course Structure						
Week	Hours	Required Learning	Unit or	Learning	Evaluation	
		Outcomes	subject	method	method	
			name			
Week 1 Week 2 Week 3 Week 4 Week 5 Week 6 Week 7 Week 8 Week 8 Week 10 Week 11 Week 11 Week 12 Week 13 Week 14 Week 15 Week 16	2	Vectors and scalarUnit victors.Motion in one dimensionMotion in two dimensionsUniform circular motion.Force and motion: Newton's laws.Midterm exam.Forces typesWorkEnergy, kinetic energyPotential energyPowerMomentumCollision in one dimensionsPreparatory week before the final Exam		Continuous guidance of students by the professor during the lecture	direct	

#### 27. Course Evaluation

	Module Evaluation						
			Time/Nu mber		Weight (Marks)	Week Due	Relevant Learning Outcome
		Quizzes	2	1	10% (10)	5,10	LO#1,2,10 and 11
	Formative	Assignments	2	1	10% (10)	2,12	LO#3,4,6 and 7
	assessment	Projects / Lab.	5	1	10% (10)	2,4,6,8,10	
		Report	1	10% (10)		13	LO#5,8, and 10
	Summative	Midterm Exam	1hr	1	10% (10)	7	LO,#1-7
	assessment	Final Exam	3hr	Ľ	50% (50)	16	All
	Total assessm	ent			00% (100 Marks)		
	28. Learnir	ng and Teachi	ng Resour	ces			· · · · ·
R	equired textbo	ooks (curricular b	ooks, if any	')			
N	lain reference	s (sources)			Hans C. Ohanian, John T. Markert		
						for engineer 3rd edition.	s and scientists yes
R	ecommended	books and refe	rences (scie	entific			-
jc	ournals, reports)						
E	Electronic References, Websites				,		fundamental of ), 8 th edition.

#### **Course Description Form(10)**

- 1. Course Name:
- Arabic language

#### 2. Course Code:

• KUS12010

#### 3. Semester / Year:

• Second Semester \2024

#### 4. Description Preparation Date:

• 1/3/2024

#### 5. Available Attendance Forms:

• Inside the classroom

6. Number of Credit Hours (Total) / Number of Units (Total)

7/175

### 7. Course administrator's name (mention all, if more than one name) Name: Rusul Noori gaeed

Email: none

8. Course Objectives

Course Objectiv	• Teaching proper Arabic as it is the official language of the country
	<ul> <li>Language is the essence and symbol of identity</li> </ul>
	<ul> <li>Identify the phonetic lesson of language and its relationship to physics</li> </ul>
	• Language differs from dialect, as the former is global and the latter is local
	Being able to write research and articles with purely scientific content in classica
	Arabic
	• Enriching students' lexical storage to help build charisma in communication
9. Teachir	ng and Learning Strategies
<i></i>	
Strategy	An integrated personal creation for the university student in terms of pred

# Strategy An integrated personal creation for the university student in terms of pred scientific specialization and supporting specialization

#### 10. Course Structure

Week	Hours	Required	Unit or subject	Learning method	Evaluation
		Learning	name		method
		Outcomes			
Week1	2		tween scientific and	Continuous	1-report
		literary language		guidance 2-au	2-quize
Week2		Arabic dictionarie		students by professor	3-projects
Week3		punctuation mark	S	through	
Week4		Style		lectures	
Week5		Verbs - their type			
Week6		Examples of ancie			
			d Umayyad poetry		
Week7		Midterm test			
Week8		-	za/hamzat al-wasl an		
_		hamzat al-qat`			
Week9			a at the beginning and		
		end of a speech			
Week10		The subject and the predicate - number			
		writing skills			
Week11		Objects/objects -	the direct object		
Week12		The object with it	- the object in it - the		
		absolute object			
Week13		Arabic prose			
Week14		Common mistake	s - how to write forma		
		applications			
Week15		Examples of Abba	sid and Islamic poetr		
Week16		final exam			
11. Co	ourse E	valuation			
Formativ	e assessi	nent: daily exams 1	.0%		
Homewo	rk: 10%	•			
Reports1	0%				
Attendan					
Summativ	ve assess	sment			
Midterm	exam 10	%			
Final exa	m 50%				
12. Le	earning	and Teaching Re	sources		
Required	textbook	s (curricular books, i	f any) Book: Universit Al-Rajhi	y Arabic for non-spec	ialists / Dr. Ab
			-	ımar Book/Dr. Abdo A	Al-Rahji
				,	,
Main refe	``	/			
Recomme	ended t	books and refere		hology/Dr. Abdo Al	•
(scientific	journals,	reports)	History of Ara	bic Literature/Shaw	i Deif
<b>`</b>		· /		ork for Arabic Lang	

## **Course Description Form (11)**

1. Course Nam	e:			
	computer programming			
2. Course Code				
	MPH12009			
3. Semester / Y	/ear:			
The first stage	e - the second semester / for the academic year 2023-2024			
4. Description	Preparation Date:			
	22/05/2024			
5. Available Att	tendance Forms:			
	Classroom teaching (in-person)			
6. Number of C	redit Hours (Total) / Number of Units (Total)			
	30			
7. Course adm	ninistrator's name (mention all, if more than one name)			
Name: yousi	f ali abdulkhaleq			
Email: youss	sif.ali@alkutcollege.edu.iq			
8. Course Obje	ctives			
	• This chapter provides a guide to running MATLAB. It provides a			
	detailed course on the MATLAB code capabilities required for general			
	programming.			
	• MATLAB is a high-performance language for technical computing. It			
	integrates computation, visualization, and programming in a user–			
	friendly environment where problems and solutions are expressed in			
	writing programs and implementing algorithms through a graphical user			
	interface. MATLAB is an interactive system whose primary data element			
Course Objectives	is arrays that do not require dimensions. This allows many technical			
	computing problems to be solved, especially those involving matrix and			
	vector formulas.			
	This course includes interactive lectures and practical applications to			
	enable the student to apply image processing algorithms and apply			
	optimization methods. In addition, it enables the student to rotate and			
	scale the image by applying many examples.			
9. Teaching and	d Learning Strategies			

Week	Hours	Required	Unit or	Learning	Evaluation
		Learning	subject	method	method
		Outcomes	name		
first second third fourth Fifth sixth Seventh Eighth Ninth	2	Variables Interface with M General Matlab Matrices Logical operatio Drawing diagra Working with fi Graphical interf	code ons ms les aces 1	Continuous guidance of students by the professor during daily lectures	Through discussions, direct questions, and daily tests

tenth	Image process	ing 1		
eleventh	Image process	Image processing 2		
twelfth	Image process	Image processing 3		
Thirteenth	Image process	ing 4		
fourteenth	Image process	ing 5		
Fifteenth	final exam			
11. Course E	Evaluation			
Formative asse	essment:			
• Daily exams !				
• Homework 1				
• Laboratory 2	0%			
• Reports 5%				
Summative eva	aluation:			
Midterm example	m 10%			
• Final exam 5	0%			
12. Learning	and Teaching Resou	irces		
Required textbook	s (curricular books, if an	1-Matlab: Numerical Computing, Tutorials point,2014.		
		2- Alasdair McAndrew, An Introduction to Digital		
		Image Processing with Matlab, Notes for SCM2511		
		Image, Processing 1, Semester 1, 2004, School of		
		Computer Science and Mathematics, Victoria University of Technology.		
		3- The MathWorks, Image Processing Toolbox For		
		Use with MATLAB, Version 2, COPYRIGHT		
		1993 - 2000.		
Main references (	sources)	non		
Recommended b	books and references	Brian R. Hunt, Ronald L. Lipsman, Jonathan M.		
(scientific journals	, reports)	Rosenberg, R. Coombes, John E. Osborn, and Garrett J. Stuck, AGuide to MATLAB for Beginners		
	/	and Experienced Users, Cambridge, University		
		Press,2001		
Electronic Referer	uces Websites	non		

#### **Course Description Form (12)**

- 1. Course Name:
- English Language
- 2. Course Code:
- KUS12011
- 3. Semester / Year:

4. Description Preparation Date:

#### 22/05/2024

- 5. Available Attendance Forms:
  - Classroom teaching (in-person)
- 6. Number of Credit Hours (Total) / Number of Units (Total)

#### 2 Credits $\setminus$ 50 hours

- 7. Course administrator's name (mention all, if more than one name) Name: Waleed Fayyad
  - Email: Waleed.Fayyad @alkutcollege.edu.iq
- 8. Course Objectives

Course Objectives		<ul> <li>a. to enable the learner to communicate effectively and appropriately in real life situation:</li> <li>b. to use English effectively for study purpose across the curriculum;</li> <li>c. to develop interest in and appreciation of Literature;</li> <li>d. to develop and integrate the use of the four language skills i.e. Reading, Listening, Speaking and Writing;</li> <li>e.to revise and reinforce structure already learnt</li> </ul>		
9. Teac	9. Teaching and Learning Strategies			
Strategy	Use will be made of individual, pair and groupwork to develop students abilities to read increasingly complex academic and gener texts. Other skills will be practised and developed within this modules and students will be expected to work extensively out of class to develop their reading fluency. Students will study the			

	Foundation	this module to w option module p		within the Interna	itional
10. Course Week	Structure Hours	Required Learni Outcome	ng	Learning method	Evaluation method
Week 1 Week 2 Week 3 Week 4 Week 5 Week 6 Week 7 Week 7 Week 8 Week 9 Week 10 Week 11 Week 12 Week 13 Week 14 Week 15 Week 16	2	Reading Comprehension Writing I Writing I Learning	English Literature ding ting to alogue ation beaking beaking am	Continuous guidance of students by the professor during daily lectures	Through discussions direct questions, and daily tests
Formative a • Daily exar • Homewor • Laborator • Reports 5 Summative • Midterm e • Final exan 12. Learn	ns 5% k 10% y 20% evaluation: exam 10% n 50% ing and Teac	hing Resources r books, if any)	OUP Cotton, l	. Reading Skills for the S D. et al. Business Class.	Nelson NO
Recommende (scientific jour	d books a nals, reports…)	and references		te selection of Collins S ArangeofA-leveltypeSt	
Electronic Ref	erences, Websi	tes	non		