



Ministry of Higher Education and
Scientific Research - Iraq
University of WARITH ALANBIYAA
College of Sciences
Department of Medical Physics



MODULE DESCRIPTOR FORM

نموذج وصف المادة الدراسية

Module Information			
معلومات المادة الدراسية			
Module Title	MEDICAL TERMINOLOGY		Module Delivery
Module Type	BASIC		Theory ✓
Module Code	MPH2203		
ECTS Credits	5 ECTS		
SWL (hr/sem)	125		
Module Level	UG II	Semester of Delivery	4th Semester
Administering Department	MPH	College	College of Sciences
Module Leader	Ahmed Mousa Jaffar	e-mail	ahmed.mo@uowa.edu.iq
Module Leader's Acad. Title	Lecturer	Module Leader's Qualification	Ph.D.
Module Tutor		e-mail	
Peer Reviewer ame		e-mail	
Review Committee Approval		Version Number	1.0

Relation With Other Modules

العلاقة مع المواد الدراسية الأخرى

Prerequisite module	None	Semester	None
Co-requisites module	None	Semester	None

Module Aims, Learning Outcomes and Indicative Contents

أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية

<p>Module Aims أهداف المادة الدراسية</p>	<p>Upon the end of this course, the student will be able to:</p> <ol style="list-style-type: none"> 1. Know the four elements of the medical terms, how to distinguish between them and rules for their plural and singular endings. 2. Provide students with skills to pronounce and write the explanation of medical terms, concentrating on the suffixes and prefixes of them. 3. Learn about the levels of body organization and know the body systems and how to pronounce and spell them. 4. Name the main parts or components of human body systems. 5. Identify and interpret selected abbreviations related to each system when necessary. 6. Support the students' knowledge with the most important terms in relation to medical physics as used in the profession related to medical physics in hospitals and clinical practice, concentrating on: Radiation Types, Radioactivity, Radiation Interactions. 7. Be in acquaintance with terms and units of the dose measurement. 8. Distinguish among the terms used to identify the Respiratory System, Cardiovascular System, Skeletal System + Muscular System, Urinary System, Digestive System and Reproductive System.
<p>Module Learning Outcomes مخرجات التعلم للمادة الدراسية</p>	<ol style="list-style-type: none"> 1. Break down complex medical terms into their component parts (prefixes, roots, suffixes). 2. Define or explain medical terms accurately 3. Apply medical terms in written and oral communication in a healthcare context. 4. Interpret medical documentation and literature. 5. The student can write a case study 6. The students will be able to identify different anatomical structure within human body. 7. The students will be able to identify different physical terms related to medical applications.
<p>Indicative Contents المحتويات الإرشادية</p>	<p>This course is elaborated within 15 weeks including a mid-exam. It commences with introductory lecture about the analyzing and building the medical terminology. The explanation is followed by some exercises to be implemented by the students and a quiz to evaluate the students' comprehension in this regard.</p> <p>In the later weeks, a concentration on the types, names and components of human body systems. The lecturer adjust the students' pronunciation of the related terms, spelling and position within human body organs. The focus is on the most important divisions required while doing the proficient related to medical physics.</p> <p>The course ends with lectures handle terminology required in medical physics, especially in radiation.</p> <p>Finally, the weeks follow focus on different physical term used in medical applications of physics such as; Biological Effects of Radiation, Radiation Physics terms and dosimetry terms.</p>



Learning and Teaching Strategies

استراتيجيات التعلم والتعليم

Strategies	The lecturer follows the following strategies while teaching this course and as follows:
	<ol style="list-style-type: none"> 1- Lectures 2- Interactive Workshops 3- Group Discussions 4- Assessments and Quizzes 5- Writing Assignments 6- Feedback and Reflection

Student Workload (SWL)

الحمل الدراسي للطالب

Structured SWL (h/sem) الحمل الدراسي المنتظم للطالب خلال الفصل	32	Structured SWL (h/w) الحمل الدراسي المنتظم للطالب أسبوعياً	2.13
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	93	Unstructured SWL (h/w) الحمل الدراسي غير المنتظم للطالب أسبوعياً	6.20
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	125		

Module Evaluation

تقييم المادة الدراسية

		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
Formative assessment	Quizzes	2	10%	3,7	1,2
	Reports	2	10%	5,10	4,5
	Project	1	10%	12	5,6
	Online Assig.	2	10%	11	3,7
Summative assessment	Midterm Exam	1	10% (10)	8	
	Final Exam	1	50% (50)	16	
Total assessment			100%		



Delivery Plan (Weekly Syllabus) المناهج الاسبوعي النظري	
	Material Covered
Week 1	Introduction to medical terminology; Medical Word Elements
Week 2	Exercises on building and analyzing medical terms.
Week 3	Body structure: Levels of Organization. Body Systems: Integumentary System
Week 4	Body Systems: Respiratory System + Cardiovascular System
Week 5	Body Systems: Skeletal System + Muscular System
Week 6	Body Systems: Urinary System + Digestive System
Week 7	Body Systems: Reproductive System
Week 8	Mid. Exam
Week 9	Body Systems: Endocrine System
Week 10	Body Systems: Lymphatic System
Week 11	Body Systems: Nervous System+ Special Senses of Sight and Hearing
Week 12	Radiation Physics terms: Radiation Types, Radioactivity, Radiation Interactions
Week 13	Therapeutic physics terms
Week 14	Dosimetry term: Dose Measurement (Dosimeters, Units of Measurement)
Week 15	Biological Effects of Radiation: Cellular Effects, Acute and Chronic Effects, Dose-Response Relationships
Week 16	Final Exam



Learning and Teaching Resources

مصادر التعلم والتدريس

	Text	Available in the Library?
Required Texts	<ul style="list-style-type: none"> - Chabner, Davi-Ellen. (2022) <i>Medical Terminology: A Short Course-E-Book</i>: Elsevier Health Sciences. - Collins, C. Edward and DePetris, Ann, (2011), <i>A Short Course in Medical Terminology</i> (2nd edition), Walters Kluwer Lippincott Williams & Wilkins: USA 	No
Recommended Texts	<ul style="list-style-type: none"> - Gylys, B.A. and Wedding, M.E., 2017. <i>Medical terminology systems: a body systems approach</i>. FA Davis Ciompany. USA. 	No
Websites	<ul style="list-style-type: none"> 1- 75 Must-Know Medical Terms, Abbreviations, and Acronyms SGU 2- https://www.sgu.edu/blog/medical/medical-terms-abbreviations-and-acronyms/ 3- https://medicalphysics.org/SimpleCMS.php?content=glossary.html 	



APPENDIX:

GRADING SCHEME

مخطط الدرجات

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

Note:

NB 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.