



Course Syllabus

1	Course title	Medical Terminology
2	Course number	0308102
3	Credit hours	1 hr
	Contact hours (theory, practical)	1 Theory / week
4	Prerequisites/co-requisites	-
5	Program title	BSc in Clinical Laboratory Sciences
6	Program code	0308
7	Awarding institution	The University of Jordan
8	School	Science
9	Department	Department of Clinical Laboratory Sciences
10	Course level	First Year
11	Year of study and semester (s)	Fall 2023/ 2024
12	Other department (s) involved in teaching the course	
13	Main teaching language	English
14	Delivery method	<input type="checkbox"/> Face to face learning <input type="checkbox"/> Blended <input checked="" type="checkbox"/> Fully online
15	Online platforms(s)	<input checked="" type="checkbox"/> Moodle <input checked="" type="checkbox"/> Microsoft Teams <input type="checkbox"/> Skype <input type="checkbox"/> Zoom <input type="checkbox"/> Others.....
16	Issuing/Revision Date	2/2024

17 Course Coordinator:

Name: Dr. Dina Yamin	Contact hours: Monday 10:00-13:00
Office number: Biology Building 202	Phone number:
Email: d.yamin@ju.edu.jo	

18 Other instructors:

Name:
Office number:
Phone number:
Email:
Contact hours:



19 Course Description:

This comprehensive Medical Terminology course introduces students to the mastery of medical language through word roots, prefixes, and suffixes. Emphasis is placed on understanding the meanings within the context of the human body's structure and function. Students systematically learn the derivation of medical terms, including prefixes, suffixes, and combining forms, along with medical abbreviations. The course aims to enhance communication skills for interpreting and conveying precise medical information, applicable in various healthcare contexts. Practical applications involve analyzing medical reports and documentation. By the course's conclusion, students will possess a proficient understanding of medical terminology, facilitating success in healthcare professions.



20 Course aims and outcomes:

A- Aims:

The aims of a Medical Terminology course are to provide students with a foundational understanding of the language and terminology used in healthcare settings. These aims encompass both the practical and theoretical aspects of medical terminology and are designed to prepare students for effective communication and comprehension within the healthcare field.

B- Students Learning Outcomes (SLOs):

For purposes of mapping the course SLOs to the Clinical Laboratory Sciences program SLOs, at the successful completion of the CLS program, graduates are expected to be able to:

SLO(1). Understand and apply the theoretical foundations of medical laboratory sciences to accurately calibrate and operate advanced laboratory equipment.

SLO(2). Demonstrate knowledge of safety protocols, Ministry of Health regulations, and environmental preservation practices when handling samples of pathogens and chemical/biological risks.

SOL(3). Acquire in-depth technical knowledge to stay abreast of scientific advancements and actively participate in local and global applied research in the field.

SOL(4). Perform diverse analyses and effectively interpret results for various clinical samples across laboratory disciplines such as hematology, clinical chemistry, microbiology, urine analysis, body fluids, molecular diagnostics, and immunology.

SOL(5). Apply practical training to solve complex problems, troubleshoot issues, and interpret results, ensuring a connection between data and specific medical conditions for precise diagnosis.

SOL(6). Show effective communication skills to convey information accurately and appropriately in a laboratory setting.

SOL(7). Demonstrate a commitment to lifelong learning and innovation by applying modern techniques, critically analyzing information, and contributing to the creation and application of new knowledge in medical laboratory sciences which fulfil the requirements of national and international CBD.

SOL(8). Uphold professional behavior, ensuring the confidentiality of client information, and respecting client privacy throughout all aspects of laboratory work.

SOL(9). Apply managerial skills that align with quality assurance, accreditation, quality improvement, laboratory education, and resource management, showcasing competence in the effective administration of laboratory practices.

Descriptors	ILO/ID	Program SLOs	SLO (3)	SLO (6)	SLO (7)
		Course SLOs			
Knowledge	A1	Recall and identify key word roots, prefixes, and suffixes in medical terminology.	X		
	A2	Comprehend the meanings of medical terms in the context of human anatomy and physiology.	X		
	A3	Establish a vocabulary of medical abbreviations commonly used in healthcare professions.	X		
Skills	B1	Apply the learned word roots, prefixes, and suffixes to construct and decipher medical terms accurately.	X		
	B2	Analyze and break down complex medical terms to understand their individual components.		X	
Competence	C1	Demonstrate effective communication competence by using medical terminology accurately in professional interactions and conveying information among healthcare professionals.			X
	C2	Apply acquired knowledge and skills in constructing precise medical language, showcasing competence in interpreting and utilizing medical terms within various healthcare contexts.		X	

21. Topic Outline and Schedule:

Week	Lecture	Topic	Student Learning Outcome	Learning Methods (Face to Face/Blended/ Fully Online)	Platform	Synchronous/ Asynchronous Lecturing	Evaluation Methods	Resources
1	1.1	Basic Elements of a Medical Word	A1	Fully Online	Microsoft Teams	Synchronous	Quiz, Exam	
2	2.1	Suffixes	A1	Fully Online	Microsoft Teams	Synchronous	Quiz, Exam	
3	3.1	Prefixes	A1	Fully Online	Microsoft Teams	Synchronous	Quiz, Exam	
4	4.1	Organization of the body	A1, A2	Fully Online	Microsoft Teams	Synchronous	Quiz, Exam	
5	5.1	Musculoskeletal System	A2,A3, B1,B2	Fully Online	Microsoft Teams	Synchronous	Quiz, Exam	
6	6.1	Cardiovascular System	A2,A3, B1,B2	Fully Online	Microsoft Teams	Synchronous	Quiz, Exam	
7	7.1	Lymphatic and Immune Systems	A2,A3, B1,B2	Fully Online	Microsoft Teams	Synchronous	Quiz, Exam	

8	8.1	Respiratory System	A2,A3, B1,B2	Fully Online	Microsoft Teams	Synchronous	Quiz, Exam	
9	9.1	Digestive System	A2,A3, B1,B2	Fully Online	Microsoft Teams	Synchronous	Quiz, Exam	
10	10.1	Urinary System	A2,A3, B1,B2	Fully Online	Microsoft Teams	Synchronous	Quiz, Exam	
11	11.1	Nervous System	A2,A3, B1,B2	Fully Online	Microsoft Teams	Synchronous	Quiz, Exam	
12	12.1	Endocrine system	A2,A3, B1,B2	Fully Online	Microsoft Teams	Synchronous	Quiz, Exam	
13	13.1	Medical Specialists and Case Reports	C1,C2	Fully Online	Microsoft Teams	Synchronous	Quiz, Exam	
14	14.1	Practice	All SLOs	Fully Online	Microsoft Teams	Synchronous		
15	15.1	Revision	All SLOs	Fully Online	Microsoft Teams	Synchronous		
16		FINAL EXAM						

22 Evaluation Methods:

Opportunities to demonstrate achievement of the SLOs are provided through the following assessment methods and requirements:

Evaluation Activity	Mark	Topic(s)	SLOs	Period (Week)	Platform
Assignment & Quizzes	20		All SLOs		E-learning
Midterm Exam	30	All chapters covered during first 7 weeks	A1, A2,A3,B1, B2	Week 8	On campus
Final Exam	50	All required chapters	All SLOs	Week 16	On campus

23 Course Requirements

Students are directed and encouraged to use all possible resources:

- use the internet as a learning source.
- a series of short movies is promoted.
- students are encouraged to learn a suitable software package as a learning tool.



24 Course Policies:

A- Attendance policies:

- Attend and participate in all classes: attendance will be taken. Class time will be used to discuss, elaborate, expand, etc., on the written modules. This may include formal/informal lectures, audio visual presentations, demonstrations, labs, etc.

B- Absences from exams and handing in assignments on time:

- A student who has been absent for 15% or more of the total hours of any course, including absences for medical or compassionate reasons, may be required to withdraw from that particular course.
- Students who miss quizzes or examinations will automatically be assigned a mark of zero unless the respective instructor, or the Program Head, has been notified of the reason for absence *PRIOR* to the commencement of the exam. Acceptable reasons will be evaluated at the time (e.g., illness - medical certificate may be required, serious illness or death in the family, etc.). Supplemental examinations may be allowed in legitimate cases.

C- Health and safety procedures:

All students need to be immunized against hepatitis B, immunization certificate must be forwarded to the coordinator of the hospital training. Pregnancy affects immunization and it is the responsibility of the student to notify the health person as soon as possible of her pregnancy. If there are fees related to immunization, it is the responsibility of the student.

D- Honesty policy regarding cheating, plagiarism, misbehavior:

E- Grading policy:

Evaluation	Point %	Date
Assignment & Quizzes	20%	
Mid Exam	30%	Will be announced in due time.
Final Exam	50%	Will be announced in due time.

F- Available university services that support achievement in the course:

- The University Computer Lab.
- The University Main Library.
- The University e-library.



25 References:

A- Required book(s), assigned reading and audio-visuals:

Medical Terminology: A Short Course. 7th Edition. Authors: Davi-Ellen Chabner. ISBN: 9781455758302

B- Recommended books, materials, and media:

Medical terminology systems: A Body systems approach. 6th Edition. Authors: Barbara A. Gylys, and Mary Ellen Wedding. ISBN 978-0-8036-2090-2

26 Additional information:

Name of Course Coordinator: **-Dr. Dina Yamin**

Signature: *Dina Yamin* Date: -2-2024

Head of Curriculum Committee/Department: **- Dr. Suzan Matar**

Signature: *Suzan Matar*

Head of Department: **- Dr. Ahmed Abu siniyeh**

Signature: *Ahmed Abu siniyeh*

Head of Curriculum Committee/Faculty: **Dr. Muayyad Al Hseinat**

Signature: *Muayyad Al Hseinat*

Dean: **Prof. Mahmoud Jaghoub**

Signature: *Mahmoud Jaghoub*