Jordan University of Science and Technology
Faculty of Medicine
Doctor Of Medicine (Md) Department

MED173 Inrtoduction To Medicine And Medical Terminology - JNQF Level: 6
First Semester 2023-2024

Course Catalog

4 Credit Hours. This asynchronous online course serves as a comprehensive introduction to the foundational concepts of medicine and the essential language vital for effective communication within the medical and dental domains. Specifically designed for first-year medical and dental students, this course aims to equip learners with a fundamental understanding of the human body, medical principles, and the vocabulary necessary for successful engagement in the healthcare field. Students will embark on a self-paced exploration of the human body, delving into its structure, functions, and various systems. Understanding the physiological and anatomical foundations will provide the basis for comprehending diseases, treatments, and healthcare management. A significant focus will be placed on developing proficiency in medical terminology. Learners will become adept in utilizing the lexicon used by healthcare professionals, covering prefixes, suffixes, and root words to decipher and construct medical terms. The course will also emphasize etymology, enabling students to grasp the origin and structure of medical vocabulary for easier comprehension and retention. The course materials will be delivered through multimedia resources, including pre-recorded video lectures, PowerPoint slides and handouts. Throughout the course, students will have access to online forums and discussion boards to interact with instructors and peers, fostering a collaborative learning environment. Instructors will be available to provide guidance and support via virtual office hours, email, or other communication channels.

Instructor	
Name	**Dr. Ahmed Al-Dwairi**
Office Location	-
Office Hours	
Email	andwairi7@just.edu.jo

Class Schedule & Room

Section 1:
  Lecture Time: Sun : 17:00 - 19:00
  Room: متزامن الحضور منصة الكترونية

Section 2:
  Lecture Time: Mon : 17:00 - 19:00
  Room: متزامن الحضور منصة الكترونية

Section 3:
  Lecture Time: Tue : 17:00 - 19:00
  Room: متزامن الحضور منصة الكترونية

Section 4:
  Lecture Time: Wed : 17:00 - 19:00
  Room: متزامن الحضور منصة الكترونية

Tentative List of Topics Covered		
Weeks	**Topic**	**References**
Weeks 1, 2	Medical terminology	
Week 3	Introduction to Physiology	
Week 4	Introduction to Anatomy	
Week 5	Introduction to Histology	
Week 6	Introduction to embryology	
Week 7	Introduction to Biochemistry	
Week 8	Introduction to Cell Biology and Genetics	
Week 9	Introduction to Microbiology	
Week 10	Introduction to Immunology	
Week 11	Introduction to Pathology	
Week 11	Introduction to Pharmacology	
Week 12	Introduction to Public Health	
Week 12	Introduction to First Aid	
Week 13	Introduction To Dentistry I & II	
Week 14	Professionalism	
Week 14	Introduction to Medical Ethics	
Week 10	Smoking: The Facts, the Myths, and the Way Out	

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	**Course Outcome Weight (Out of 100%)**	**Assessment method**

Demonstrate a comprehensive understanding of basic and clinical sciences, encompassing anatomy, physiology, pathology, and pharmacology to explain medical conditions and treatments. [1PLO1] [1L6K1, 1L6K2]	15%	
Demonstrate proficient use of medical terminology, incorporating prefixes, suffixes, and root words to construct and decode medical terms in clinical contexts. [1PLO1] [1L6K1, 1L6C3]	15%	
Recognize the significance of etymology in medical terminology, enabling easier retention and understanding of complex medical terms. [1PLO1, 1PLO10] [1L6K1, 1L6K2]	15%	
Practice using multimedia resources to self-learn and explore medical concepts, enhancing understanding of foundational medical principles and terminologies. [1PLO14] [1L6K1, 1L6C4]	15%	
Discuss and apply the principles of healthcare quality and patient safety, including patient safety measures and risk management within a simulated clinical environment. [1PLO6, 1PLO8] [1L6K1]	20%	
Demonstrate professional conduct by adhering to ethical standards in a simulated clinical environment, respecting patient autonomy, privacy, and confidentiality. [1PLO12] [1L6C5]	20%	

Relationship to Program Student Outcomes (Out of 100%)													
PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11	PLO12	PLO13	PLO14
37.5					10		10		7.5		20		15

Relationship to NQF Outcomes (Out of 100%)				
L6K1	L6K2	L6C3	L6C4	L6C5
50	15	7.5	7.5	20

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