

TISHK INTERNATIONAL UNIVERSITY
FACULTY OF APPLIED SCIENCE
Department of MEDICAL ANALYSIS,
-2022 Fall
Course Information for MA 213 MEDICAL TERMINOLOGY I

Course Name: MEDICAL TERMINOLOGY I

Code	Regular Semester	Theoretical	Practical	Credits	ECTS
MA 213	3	2	-	2	3

**Name of Lecturer(s)-
Academic Title:** Runak Tahr - PH.D

Teaching Assistant: Assist. Prof. Dr. Ronak Taher Ali

Course Language: english

Course Type: Main

Office Hours Monday

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**Teacher's academic
profile:** Assist. Prof

Course Objectives: The objectives of medical terminology course are to enable delegates to: • Explain the concept that medical terminology can be broken down into component parts of prefixes, root words and suffixes • State the meanings of commonly used prefixes, suffixes and root words in medical terms • Decipher terminology associated with various diseases • Recognise commonly used abbreviations and medical symbols • Obtain a fundamental understanding of the body structure and systems • Explain the six categories in which the body is studied.

**Course Description
(Course overview):** This semester-long course introduces students to the structure of medical terms, including prefixes, suffixes, word roots, combining forms, and singular and plural forms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to healthcare settings, medical procedures, pharmacology, human anatomy and physiology, and pathology. The knowledge and skills gained in this course will provide students entering the healthcare field with a deeper understanding of the application of the language of health and medicine. Students are introduced to these skills through direct instruction, interactive tasks, and practice assignments.

COURSE CONTENT

Week	Hour	Date	Topic
1	2	4-7/10/2021	Introduction to Medical Terminology/ Concepts, Suffixes, and Prefixes
2	2	10-14/10/2021	Body Structure
3	2	17-21/10/2021	Disease and Treatments
4	2	24-28/10/2021	Circulation: The Cardiovascular and Lymphatic Systems
5	2	31/10-4/11/2021	Respiratory System
6	2	7-11/11/2021	Gastrointestinal System
7	2	14-18/11/2021	Midterm Exam
8	2	21-25/11/2021	Midterm Exam
9	2	28/11-2/12/2021	Neurology System
10	2	5-9/12/2021	Reproductive System
11	2	12-16/12/2021	Nephrology System
12	2	19-23/12/2021	Blood and Immunity
13	2	26-30/12/2021	Urinary System
14	2	2-5/1/2022	-

15	2	9-13/1/2022	Final Exam
16	2	16-20/1/2022	Final Exam
COURSE/STUDENT LEARNING OUTCOMES			
1	Divide medical terms into their component parts.		
2	Analyse, pronounce, and spell medical terms using common word roots, combining forms, suffixes, and prefixes.		
3	Identify and define the body systems, organs, and divisions using medical terms.		
4	Identify and define useful diagnostic and procedural suffixes and prefixes.		
COURSE'S CONTRIBUTION TO PROGRAM OUTCOMES (Blank : no contribution, I: Introduction, P: Profecient, A: Advanced)			
Program Learning Outcomes			Cont.
1	Evaluate clinical laboratory data by interpreting laboratory results and relating the data to various disease states.		P
2	apply principles of evidence-based medicine to determine clinical diagnoses.		
3	apply the basic principles of gross and microscopic anatomy, physiology, biochemistry, immunology, microbiology/virology.		
4	formulate and implement acceptable treatment modalities to various disease states.		
5	use technology effectively in the delivery of instruction, assessment, and professional development.		
6	exhibit essential employability qualities by demonstrating laboratory safety, analyzing laboratory results, and displaying professional conduct.		
7	exhibit organizational skills, accountability, and ethical behavior.		
8	apply skills needed in operating laboratory equipment for testing, assessing quality assurance for lab equipment, and adhering to standard safety practices in the laboratory environment.		
9	apply problem-solving and decision-making skills.		I
10	apply and promote health policies and regulatory standards in the field career.		
11	develop research in the field of medical analysis using qualitative and quantitative methods.		A
Prerequisites (Course Reading List and References):	1-Medical Terminology (2017) Thea Liza Batan,© PENN FOSTER, INC. 2-CoU. S. ARMY MEDICAL DEPARTMENT CENTER AND SCHOOL FORT SAM HOUSTON, TEXAS 78234 3- hen B J and DePetris A (2014). Medical Terminology An Illustrated Guide. 7th edition, Lippincott Will		
Student's obligation (Special Requirements):	The Student should attend all the classes during the semester unless some urgent situation occurs. Beside that the student should completion the midterm and final test, participate in class activities and posters.		
Course Book/Textbook:	Cohen B J and DePetris A (2014). Medical Terminology An Illustrated Guide. 7th edition, Lippincott Williams & Wilkins, China.		
Other Course Materials/References:	1-Medical Terminology (2017) Thea Liza Batan,© PENN FOSTER, INC. 2-CoU. S. ARMY MEDICAL DEPARTMENT CENTER AND SCHOOL FORT SAM HOUSTON, TEXAS 78234 3- hen B J and DePetris A (2014). Medical Terminology An Illustrated Guide. 7th edition, Lippincott Will		
Teaching Methods (Forms of Teaching):	Lectures, Presentation, Seminar, , ,		
COURSE EVALUATION CRITERIA			
Method		Quantity	Percentage (%)
Attendance		1	5
Participation		1	5
Quiz		2	5
Homework		1	10
Midterm Exam		1	30
Final Exam		1	40
	Total		100
Examinations: True-False, Fill in the Blanks, Multiple Choices, Short Answers, Matching, , ,			