



The University of Jordan

Accreditation & Quality Assurance Center

COURSE Syllabus

1	Course title	Medical terminology
2	Course number	1203102
3	Credit hours (theory, practical)	1 (theory)
	Contact hours (theory, practical)	1 (theory)
4	Prerequisites/corequisites	-
5	Program title	PharmD
6	Program code	
7	Awarding institution	The University of Jordan
8	Faculty	Pharmacy
9	Department	Biopharmaceutics & Clinical Pharmacy
10	Level of course	1 st year undergraduate
11	Year of study and semester (s)	Spring 2015-16
12	Final Qualification	PharmD
13	Other department (s) involved in teaching the course	-
14	Language of Instruction	English
15	Date of production/revision	17 February 2016

16. Course Coordinator:

Office numbers, office hours, phone numbers, and email addresses should be listed.

Dr Mohammad Saleh, PhD.

<http://eacademic.ju.edu.jo/moh.saleh/default.aspx>

Office 130

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Office hours: Sunday: 1:00-2:00 PM and Monday: 12:00-1:00 PM

17. Other instructors:

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18. Course Description:

It provides principle information concerning meaning of the roots, prefixes & suffixes commonly used in medical literature, analysis and composition of medical terms as well as using medical terminology appropriately.

19. Course aims and outcomes:**A Learning Objectives**

1. Understand the meaning of the roots, prefixes & suffixes commonly used in medical literature
2. Analyze medical terms
3. Compose medical terms
4. Use medical terminology appropriately

Intended Learning Outcomes (ILOs):

Successful completion of the course should lead to the following outcomes:

A. Knowledge and Understanding: Student is expected to develop Intellectual skills (cognitive and analytical) via learning:

- Analyzing medical terms and roots
 - Combining word elements/term components
 - Combining forms and combining vowels
 - Connecting term components to construct medical terms and Pronouncing medical words
 - Supplementing the word elements method of learning terms: singular and plural forms
 - A few word elements for getting started
- Common suffixes and prefixes
 - Categories of suffixes: those signifying medical conditions, diagnostic terms, test information, or surgical procedures, those associated with medical specialty or specialists or denoting adjectives; noun suffixes, and adjective suffixes
- The body's organization
 - Describing the main parts of the cell, defining basic four types of body tissues, organs and organ systems, Recognizing and using roots and suffixes, word parts/basic terms pertaining to cells, tissues and organs
 - Defining the main directional terms used in anatomy, describing division of body along with three different planes
 - Locating the dorsal and ventral body cavities and the 9 divisions of the abdomen as well as its 4 quadrants.
 - Describing the main body positions used in medical practice
 - Analyzing terms pertaining to roots, prefixes and suffixes of terms in relation to body structures in case studies/body regions/position and direction
 - Diseases, diagnosis and treatment
 - Defining basic terms/suffixes and prefixes pertaining to medical examination, diagnosis and treatment including surgery
 - Identifying and using word parts pertaining to Infectious diseases, responses to diseases, and neoplasias
 - Enlisting the main components of a patient history, main methods of examination of a patient including imaging techniques
 - Defining major categories of drugs and medications, roots of drug administration, and abbreviations related to drugs and their use
 - Interpreting symbols and abbreviations used in diagnosis and treatment
- The musculoskeletal system
 - Labeling a diagram of the skeleton and Comparing axial and appendicular skeletons along with describing the long bone structure
 - Comparing the suture, a symphysis and a synovial joint
 - Comparing the location of smooth, cardiac and skeletal muscles
 - Identifying Word roots specific to both skeletons [axial and appendicular] and the muscular system
 - General description of Muscles along with briefing on major disorders and procedures of skeleton, joints and muscles.
 - Describing common methods of diagnosis and treatment

- Interpretation of Common abbreviations used in relation to skeleton and muscles
- Circulation: The cardiovascular and Lymphatic systems
 - Labeling a heart diagram and tracing the path of blood flow through the heart, tracing the path of electrical conduction through the heart.
 - Differentiating among arteries, veins and capillaries
 - Understanding the blood pressure, naming and locating the main components of lymphatic systems.
 - Identifying and using the roots pertaining to cardiovascular and lymphatic systems along with clinical aspects of the circulatory system
 - Interpreting medical abbreviations referring to the heart and circulation as well as defining the main medical terms pertaining to the circulatory system and describing the main disorders and procedures
- Blood and immunity
 - Describing the composition of the blood plasma and functions of the three types of blood cells, explaining the basis of blood types and defining immunity
 - Identifying and using the roots and suffixes pertaining to blood and immunity, chemistry of blood and describing the major disorders of blood and immune system along with interpretation of abbreviations used in blood studies
- The respiratory system
 - Labeling a diagram of the respiratory tract [upper and lower respiratory airway passages and lung] explaining briefly the function of each part
 - Describing the mechanism of breathing, including the roles of diaphragm and phrenic nerve
 - Identifying and using Word roots specific to respiration
 - Discussing the major disorders and diseases of breathing and respiratory tract and defining procedures commonly used to measure the pulmonary function
 - Interpretation of Common abbreviations in referring to respiration
- The endocrine system
 - Defining hormones and comparing steroid hormones to peptide hormones
 - Labeling a diagram of endocrine system and tissues
 - Naming the hormones produced by endocrine glands and briefly describing the function of each
 - Identifying and using the Word roots specific to the endocrine system
 - Describing the main disorders and procedures of the endocrine system

B. the eye, ear and briefly describing the function of each part. Describing the *Subject specific skills: Developing the ability to use medical terminology appropriately*

C. *Transferable Skills: Student is expected to*

- *Search health-related information through browsing the Internet professional sites & medical journal databases*
- *Develop of problem solving and critical thinking skills.*
- *Use oral communication to effectively transmit ideas and conclusions to a scientific audience.*

Program Competencies Achieved:

- 2.11 Assess patients medical records
- 2.20 Able to interpret patient biochemical laboratory results
- 5.1 Communicate effectively with patients and other healthcare professionals

Teaching Methods

- ✓ Lectures
- ✓ Assignments.
- ✓ Quizzes

Course Material and Anouncements

Students need to use the faculty member website (<http://eacademic.ju.edu.jo/moh.saleh/default.aspx>) in order to get all lecture handouts and related announcements.

Topic Outline and Schedule:

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference
1. Introduction	1	Dr Mohammad		Exams, Quizzes	Specified in each lecture. General references provided below
2. Analyzing medical terms	2-3	Dr Mohammad	A & B &C	Exams, Quizzes	Specified in each lecture. General references provided below
3. Common suffixes Common prefixes.	3-4	Dr Mohammad	A & B &C	Exams, Quizzes	Specified in each lecture. General references provided below
Quiz	5	Dr Mohammad			
4. Cells, tissues, organs, drugs	6	Dr Mohammad	A & B &C	Exams, Quizzes	Specified in each lecture. General references provided below
5. diagnosis and treatment	7	Dr Mohammad	A & B &C	Exams, Quizzes	Specified in each lecture. General references provided below
6. The body's organization	8	Dr Mohammad	A & B &C	Exams, Quizzes	Specified in each lecture. General references provided below
7. The skeletal system	9	Dr Mohammad	A & B &C	Exams, Quizzes, Assignment	Specified in each lecture. General references provided below
8. The muscular system	10	Dr Mohammad	A & B &C	Exams, Quizzes, Assignment	Specified in each lecture. General references provided below
9. The heart	11	Dr Mohammad	A & B &C	Exams, Quizzes, Assignment	Specified in each lecture. General references provided below
10. The blood, and blood vessels	12	Dr Mohammad	A & B &C	Exams, Quizzes, Assignment	Specified in each lecture. General references provided below
11. Immune system	13	Dr Mohammad	A & B &C	Exams, Quizzes, Assignment	Specified in each lecture. General references provided below
12. The respiratory system	14	Dr Mohammad	A & B &C	Exams, Quizzes, Assignment	Specified in each lecture. General references provided below
13. The endocrine system	15	Dr Mohammad	A & B &C	Exams, Quizzes, Assignment	Specified in each lecture. General references provided below

21. Teaching Methods and Assignments:

Development of ILOs is promoted through the following teaching and learning methods:

ILO/s	Learning Methods	Evaluation Methods
A & B &C	Lectures	Exams, Quizzes
A & B &C	Assignment	Exams, Quizzes

Learning skills:
Communication skills

22. Evaluation Methods and Course Requirements:

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

Exams
Quizzes
Assignments

23. Course Policies:

A- Attendance policies:

Attendance: Mandatory.
First warning – with 1 absence
Last warning – with 2 absences
Failing in the subject – with 3 absences

B- Absences from exams and handing in assignments on time:
Will result in zero achievement unless health report or other significant excuse is documented.

C- Health and safety procedures:
NA

D- Honesty policy regarding cheating, plagiarism, misbehavior:
The participation, the commitment of cheating will lead to applying all following penalties together

- 1) Failing the subject he/she cheated at
- 2) Failing the other subjects taken in the same course

3) Not allowed to register for the next semester. The summer semester is not considered as a semester

E- Grading policy:

Exams and Quizzes.

Mid Exam:	40 points
Quizzes and assignments	10 points
Final Exam:	50 points
Total	100 points

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

Classrooms, internet classes

24. Required equipment:

Datashow and internet connection

25. References:

ISBN	Title	Author	Year
781786983	A short course in medical terminology.	C. Edward Collins	c2008
1582553009	Lippincott Williams & Wilkins: Medical terminology illustrated guide.	Cohen.	2005
140189884X	Medical Terminology Made Easy	Dennerll, Jean Tannis. Smith, Genevieve Love.	c2007
9781582558165	Stedman's Medical Terminology: Steps to success in Medical Language	Creason, Charlotte	c2011
1582550417	Medical terminology made Incredibly Easy	Springerhouse Corporation	c2001

26. Additional information:

Name of Course Coordinator: Mohammad Saleh -Signature: ----- Date:Feb, 17, 2016

Head of curriculum committee/Department: ----- Signature: -----

Head of Department: Nailya Bulatova Signature: -----

Head of curriculum committee/Faculty: ----- Signature: -----

Dean: ----- -Signature: -----

Copy to:

Head of Department
Assistant Dean for Quality Assurance
Course File