

Jerash University
Faculty of pharmacy
Department of pharmaceutical science
First semester, 2017/2018

Course Syllabus

Course Title: Pharmacology III	Course code: 1101431
Course Level: Fourth	Course prerequisite (s) and/or co requisite (s): Pharmacology II
Lecture Time: Monday & Wednesday	Credit hours: 3 Credit hours

Academic Staff

Specifics

Name	Rank	Office Number and Location	Office Hours	E-mail Address
Dr. Eyad Qunaibi	Associate Professor	Office (409) Faculty of Pharmacy, Phone (513)	Sun, Tues 11-2 Mon, Wed 10-11	eyadqunaibi@yahoo.com

Course module description:

This module deals with the following subjects:

1. Cardiovascular drugs
2. Cancer chemotherapy and biological agents for treatment of cancer
3. Immunosuppressant drugs
4. Anti-inflammatory agents

For each of these subjects, the following elements are to be discussed: Mode of action, clinical applications, adverse effects, interactions, precautions and contraindications.

Course module objectives:

The objectives of the course is to allow the students to

1. Possess the knowledge & abilities for the proper use & safe-use of drugs.
2. Utilize information for education of health care professionals & the public.

Course/ module components

- Books, PowerPoint presentations, animations to simplify concepts, discussion.

Textbook:

Pharmacology Lippincott's Illustrated Reviews, 6th edition (2015) by Karen Whalen.

Other references:

Basic and Clinical Pharmacology by Bertram G. Katzung et al., MacGraw Hill, (Publisher) 14th edition 2017

Teaching methods:

Lectures and discussion.

Learning outcomes:

- Knowledge and understanding

- Cognitive skills (thinking and analysis).
- Interpret, analyze & evaluate information in the literature
- Possess self learning skills, problem solving & critical thinking abilities.

Assessment instruments

<u>Allocation of Marks</u>	
Assessment Instruments	Mark
First examination	20%
Second examination	20%
Final examination:	40%
Quizzes	20%
Total	100%

Course/module academic calendar

Week	Basic and support material to be covered
(1)	Antihypertensive Drugs
(2)	Antihypertensive Drugs
(3)	Drugs for heart failure
(4)	Drugs for heart failure
(5)	Antianginal Drugs
(6)	Drugs for hyperlipidemia
First Exam	
(7)	Drugs used in disorders of coagulation
(8)	Drugs for anemia
(9)	Antiarrhythmic drugs
(10)	Cancer Chemotherapy; introduction & antimetabolites
(11)	Cancer Chemotherapy; alkylating, antibiotic, and hormonal drugs
Second Exam	
(12)	Cancer Chemotherapy; biological & miscellaneous anticancers Immunosuppressive agents.
(13)	Antiinflammatory drugs and drugs to treat gout
First examination	
(14)	
Final Exam	

Expected workload:

On average students need to spend 2 hours of study for each 50-minute lecture/tutorial.

Attendance policy:

Absence from lectures and/or tutorials shall not exceed 15%. Students who exceed the 15% limit without a medical or emergency excuse acceptable to and approved by the Dean of the relevant college/faculty shall not be allowed to take the final examination and shall receive a mark of zero for the course. If the excuse is approved by the Dean, the student shall be considered to have withdrawn from the course.

Textbook: Pharmacology Lippincott's Illustrated Reviews, 6th edition (2015) by Karen Whalen.