



Philadelphia University
Faculty of Pharmacy
Department of Clinical Sciences

Course Syllabus

Course title: : therapeutic 2	Course code: 0510532
Course level: 4th year	Course prerequisite (s) and/or corequisite (s): pharmacology 2 (0510335)
Lecture time: 11-12, 12:40-1:40	Credit hours: 2 hours
	Contact hours: 8-9 , 10-11 SUN, TUS, THU MON,WES: 11-12. 2-3
Location: pharmacy faculty	

Academic Staff Specifics

Name	Rank	Office Number and Location	Office Hours	E-mail Address
Ms Noor Batarseh	lecturer	Pharmacy college, office number 527	10-11	nbatarseh@philadelphia.edu.jo

Course module description:

This course focuses on aspects of clinical therapeutic. Students will receive information about important areas in therapeutics, which includes the infections management, women health care, and acne.

Various clinical cases of different diseases will be discussed each to assess a patient's condition, determine reasonable treatment alternatives, select appropriate therapy (pharmacological and non pharmacological therapy), and monitoring parameters and to justify those choices by utilizing knowledge and skills acquired in pharmacotherapy I.

These diseases include upper and lower respiratory infections, lower and upper urinary infections, meningitis, tuberculosis, women contraceptives, sexual transmit diseases, soft tissue infections and acne.

Course module objectives:

1. Student recognizes the signs and symptoms for certain conditions such as respiratory, urinary infections, meningitis, hormonal, and skin diseases based on an appropriate understanding of the underlying pathophysiology and diagnostic criteria.
2. Compare the various treatment options and select and/or recommend patient-specific treatment therapy plans including drugs, life style, and monitoring parameters to control disease
3. Evaluate the appropriateness of patient-specific drug therapy regimens.
4. Counsel patients regarding the proper use of the drugs used.
5. Monitor expected therapeutic outcomes and potential adverse effects of drug treatment, including frequency of monitoring.

Course/ module components

Text book:

1. Pharmacotherapy, physiological approach, 10th , 2017, ISBN: 13-978-1259587481
2. Applied therapeutics, 10th, 2013, ISBN: 978-1-60913-713-7
3. Data from updated and Appropriate guidelines

Teaching methods:

Classes will be held three times a week. The content of this course will be presented in a variety of different formats:

- Lectures two times a week;
- Applied case studies and discussion in class.

Learning outcomes:

At the end of this module, students will be able to:

1. Apply the knowledge obtained from this course to solve treatment problems associated with different diseases
2. To integrate and apply pathophysiologic and pharmacotherapeutic knowledge to develop a drug therapy plan specific for each patient condition.
3. Give patients' appropriate counseling about their non pharmacological and pharmacological therapy.
4. Be familiar with clinical presentations and the differential lab and physical examinations of different diseases.

Assessment instruments

- Quizzes.
- Home works
- Final examination: 40 marks

<u>Allocation of Marks</u>	
Assessment Instruments	Mark
First examination	20 marks
Second examination	20 marks
Final examination: 50 marks	40 marks
Research projects, Quizzes, Home works	20
Total	100 marks

Documentation and academic honesty

It is expected that all students help to maintain an environment of academic honesty. The following behaviors are strictly forbidden during the administration of the exam: talking, wearing of hats with bills, checking, sending, and answering of cell phone message including text messages and passing of papers or notes. Students must keep their eyes on their own paper. All students are required to hand-in the packet of test questions with their name and 6-digit student ID number clearly indicated on each page of the exam.

Course/module academic calendar

week	Basic and support material to be covered	Homework/ Quizzes dates
(1)	Antibiotics pharmacology and clinical uses	
(2)	Upper respiratory tract infections (otitis media and pharyngitis)	
(3), (4)	Upper respiratory tract infections (sinusitis and common cold)	Quiz 1
(5) First exam	Lower respiratory tract infection (acute bronchitis , pneumonia)	
(6)	Lower respiratory tract infection (tuberculosis)	
(7)	Meningitis	Quiz2
(8)	Upper urinary tract infection	
(9), (10) Second exam	Lower urinary tract infections	
(11)	Women health care(contraceptives)	Quiz 3

(12)	Soft tissue infections	Home work deadline
(13)	Acne	Quiz 4
(14), (15)	Sexual transmitted diseases	
(16)	Final examination	

Expected workload:

On average students need to spend 2 hours of study and preparation 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.

Module references

Books

Students will be expected to give the same attention to these references as given to the Module textbook.

1. Pharmacotherapy (Principles & Practice), 3th ed, 2013, ISBN: 978-0-07-180423-3
2. Clinical pharmacy and therapeutics, 5th ed, 2012, ISBN 978-0-7020-4293-5

Journals and Websites

1. American College of Physicians, <https://www.acponline.org/>
2. Office of Infectious Diseases | CDC - Centers for Disease Control, www.cdc.gov/oid/
3. Nice guidelines, www.nice.org.