

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Pharmacotherapeutics 2
Course number	PHPT5318
Faculty	
Department	
Course type	Major Needs
Course level	5
Credit hours (theoretical)	3
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

1	- To provide students with the basic knowledge related to diseases and their management
2	- To provide students with the basic skills in gathering and interpreting information related to drugs and their clinical uses

Intended Learning Outcomes

Knowledge and Understanding	<ul style="list-style-type: none"> * To gain a thorough understanding of the mechanisms of common disease states * To review the most important signs and symptoms and laboratory findings related to each disease state * To review the most updated pharmacological management for each disease state
Intellectual Skills	<ul style="list-style-type: none"> * To be able to blend the factual knowledge of the basic sciences and apply this knowledge to drug treatment of specific disorders in disparate patients
Professional Skills	<ul style="list-style-type: none"> * To understand the concept of "clinical guidelines" and how to search for recent ones and discuss changes from previous guidelines for each disease state * To understand how to use laboratory data and clinical manifestations to monitor the therapeutic and adverse effects of drug therapy * To know the most important patient counselling points related to drugs used in each disease state
General Skill	<ul style="list-style-type: none"> * Problem solving skills * Research skills * Presentation skills

Course Contents

- 1 - Anticancer drug therapy
- 2 - Adverse effects of anticancer drugs and their management
- 3 - Antiviral drugs
- 4 - Hypertension
- 5 - Acute kidney injury
- 6 - Chronic kidney disease and end stage renal failure
- 7 - Coronary heart disease
- 8 - Peptic ulcer disease
- 9 - Liver disease
- 10 - Asthma
- 11 - Anemias

Teaching and Learning Methods

- 1 - Lectures
- 2 - Case studies
- 3 - Presentations by students on selected topics

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
Mid term exam	6th week	40
Presentation	Throughout the semester	10
Final exam	During the final examination period	50

Books and References

Essential books	Clinical pharmacy and therapeutics, 5th edition. By: Roger Walker. Cate Whittleses. Churchill Livingstone 2012 Lippincotts illustrated reviews: pharmacology, 6th edition. By: Karen Whalen. Wolters Kluwer 2015. .
Recommended books	Pharmacotherapy: A pathophysiologic approach By: Joseph T. DiPiro, Robert L. Talbert, Gary C. Yee, Gary R. Matzke, Barbara G. Wells, L. Michael Posey. Mc Grow Hill 2014
Other References (Periodical, web sites, etc.)	www.medscape.com