

PHCL 471 - HOSPITAL PHARMACY (2+0)

Prereq: PHCL 451.

Course Description

The course presents the student with an overview of all aspects of contemporary hospital/institutional pharmacy service practice. The planning, development, organizational structuring and administration of pharmaceutical services within an institutional setting are presented in a combined lecture and practical simulation laboratory format.

Course Objectives

1. Given an overview of pharmacy service distribution and dispensing functions, outline and describe at least ten (for each) functional components for inpatient, outpatient and sterile products.
2. After a review and overview of factors involved in clinical services is completed, describe and outline ten key factors for each of the following: decentralized services, drug and poison and information service, P&T Committee, pharmacokinetics service, etc.
3. To give a review and an additional overview of administrative services, outline and describe in details all of the key factors covered.
4. To give coverage of factors involved in all other support services not covered in the previous objectives, outline and describe all factors covered in the course.
5. Upon completion of lectures and practical laboratory simulations, outline all major factors of each laboratory session and complete all assignments.

Course Contents

	<u>Allocated</u> <u>hours</u>
1. Introduction	2
a) Overview/history of institutional pharmacy practice.	
2. Services	
a) Distribution/dispensing services:	3
1) Inpatient	
2) Outpatient	
3) Sterile products	
4) Stores	

b) Clinical services:	3
1) Decentralized pharmacy specialized services.	
2) Drug/poison information	
3) Committee memberships i.e. Pharmacy Therapeutics Committee, etc.	
4) Pharmacokinetic consulting/analysis services.	
c) Administrative services:	
1) Planning	1
2) Quality assurance	2
3) Control mechanisms etc.	1
4) Policies and procedures	2
5) Documentation	1
d) Ancillary services:	
1) Computerization	1
2) Continuing education and staff development.	1
3) Special projects/research	2
Exam.	2

Lab Session:

Session 1 : Inpatient, outpatient and sterile products services.	2
Session 2 : Decentralized pharmacy and Drug & Poison Information services.	2
Session 3 : Computer in hospital and pharmacokinetic services.	2
Session 4 : Film demonstration.	2