



Course Specification

(Bachelor)

Course Title:	Pharmacy Practice2
Course Code:	PHCP 455
Program:	Pharmaceutical Sciences
Department:	Clinical Pharmacy
College:	Pharmacy
Institution:	Najran University
Version:	3
Last Revision Date:	25/7/2024



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A. General information about the course:

1. Course Identification

1. Credit hours: (2)

(2+0)

2. Course type

- A. ☐ University ☐ College ☐ Department ☐ Track ☒ Others (Program)
- B. ☒ Required ☐ Elective

3. Level/year at which this course is offered: (Level 8th / 4th Year)

4. Course general Description:

This course describes the fundamentals of pharmacy practice and its effect on the community while emphasizing the role of the pharmacist in the healthcare profession. In addition, the course describes the fundamentals of pharmacy profession in hospitals and regulations control the hospital pharmacy.

5. Pre-requirements for this course (if any):

PHCP 454

6. Co-requisites for this course (if any):

None

7. Course Main Objective(s):

The Student will be able to know:

- Hospital and its types.
- Plan, organize and direct a hospital.
- Different staff and departments required for smooth running of a hospital.
- Inventory control of hospital, Drug distribution system and hospital pharmacy.

2. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	30	100
2	E-learning		
3	Hybrid <ul style="list-style-type: none"> • Traditional classroom • E-learning 		
4	Distance learning		

3. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	24
2.	Laboratory/Studio	6
3.	Field	
4.	Tutorial	
5.	Others (specify)	
Total		30

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of PLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	Demonstrate specialized knowledge and understanding in biomedical, pharmaceutical, clinical, social, behavioral, administrative sciences and research methodology in relation to the development and use of medications including natural therapies for prevention and treatment	K1	Lectures. Role-Plays. Problem-based Learning. Group discussion.	Written exam. Assignment. Presentation.
1.2	Demonstrate an in-depth knowledge of the concepts of pharmacy practice settings including the role of pharmacists according to legal, ethical and professional standards in promoting health prevention and treatment	K2	Lectures. Role-Plays. Problem-based Learning.	Written exam. Assignment. Presentation.
2.0	Skills			
2.1	Integrate pharmaceutical, administrative and clinical sciences with information obtained from different resources to provide accurate recommendations and creative solutions for complex problems.	S1	Lectures. Role-Plays. Problem-based Learning. Group discussion. Case study.	Written exam. Assignment. Presentation.



Code	Course Learning Outcomes	Code of PLOs aligned with program	Teaching Strategies	Assessment Methods
2.2	Evaluate scientific and professional literature critically to be utilized in evidence-based practice and conducting research.	S2	Lectures. Role-Plays. Problem-based Learning. Group discussion. Case study.	Written exam. Assignment. Presentation.
2.4	Utilize appropriate information technologies to optimize safe medication use and patient care.	S4	Lectures. Role-Plays. Problem-based Learning. Group discussion. Case study.	Written exam. Assignment. Presentation.
2.5	Communicate clearly and effectively in a collaborative manner with health care professionals, patients, caregivers, administrative staff, supportive personnel and the public.	S5	Lectures. Role-Plays. Problem-based Learning. Group discussion. Case study.	Assignment. Presentation
3.0	Values, autonomy, and responsibility			
3.1	Demonstrate empathy, professional attitude, ethical and legal behavior, integrity, trustworthiness, social and cultural awareness and self-awareness and proper judgment in relevant practice settings	V1	Problem-based Learning. Lecture / Tutorial. Group discussion.	Assignment. Presentation. Observation card.
3.2	Advocate patient rights to safe and effective medication use in relevant practice setting.	V2	Problem-based Learning. Lecture / Tutorial. Group discussion.	Assignment. Presentation. Observation card.
3.3	Engage in self-learning practices and inter-professional healthcare education activities.	V3	Problem-based Learning. Lecture / Tutorial. Group discussion.	Assignment. Presentation. Observation card.
3.4	Demonstrate leadership, entrepreneurial and managerial skills, in addition to accountability, confidence, reflective reasoning and independent thinking to respond to routine or unanticipated circumstances.	V4	Problem-based Learning. Lecture / Tutorial. Group discussion.	Assignment. Presentation. Observation card.





C. Course Content

No	List of Topics	Contact Hours
1.	Introduction of Hospital Pharmacy and Hospital Types	1
2.	Inpatient, Outpatient and Clinical Pharmacy Services	3
3.	Patient Counselling	4
4.	Drug Distribution system in a Hospital	3
5.	Modern dispensing aspects	2
6.	Purchasing and Inventory control of Drugs	3
7.	Aseptic Services (TPN & I.V Pharmaceuticals)	4
8.	Pharmaceutical Care Plan	3
9.	Hospital formulary	1
10.	Pharmacy and Therapeutic Committee	1
11.	State-of-the-art Technology	2
12.	Medication Errors	3
Total		30

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Quizzes	Continuous assessment	10%
2.	Midterm exam	8	25%
3.	Assignment	12	10%
4.	Observation card	14	5%
5.	Final exam	16 - 18	50%
	Total		100%

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.).

E. Learning Resources and Facilities

1. References and Learning Resources





Essential References	Hospital Pharmacy by Stephen, Martin Drug Information: A Guide for Pharmacists, 6e Patrick M. Malone, Meghan J. Malone, Sharon K. Park
Supportive References	
Electronic Materials	https://www.ashp.org/-/media/assets/policy-guidelines/docs/guidelines/gdl-pharmacy-therapeutics-committee-formulary-system.ashx https://login.nu.edu.sa/cas/login?service=http://lib.nu.edu.sa/digitallibrary.aspx
Other Learning Materials	Hospital Pharmacy by Stephen, Martin Drug Information: A Guide for Pharmacists, 6e Patrick M. Malone, Meghan J. Malone, Sharon K. Park

2. Required Facilities and equipment

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	A Lecture room containing at least 30 seats
Technology equipment (projector, smart board, software)	Computer lab Internet access
Other equipment (depending on the nature of the specialty)	Virtual Pharmacy

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Program Leader	Direct
Effectiveness of Students assessment	Peer consultation	Direct
Quality of learning resources	Students	Direct
The extent to which CLOs have been achieved	Instructor	Direct
Other		

Assessors (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

Assessment Methods (Direct, Indirect)

G. Specification Approval

COUNCIL /COMMITTEE	CLINICAL PHARMACY DEPARTMENT COUNCIL
REFERENCE NO.	14460214-1057-00001
DATE	20/8/2024



