



T-104  
2022

# Course Specification



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## Course Specification

Course Title:	<b>Pharmacy practice2</b>
Course Code:	<b>453-PHP-2</b>
Program:	<b>Pharmaceutical Sciences</b>
Department:	<b>Clinical Pharmacy</b>
College:	<b>College of Pharmacy</b>
Institution:	<b>Najran University</b>
Version:	
Last Revision Date:	17-11-2023

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## A. General information about the course:

Course Identification	
1. Credit hours:	2
2. Course type	
a.	University <input type="checkbox"/> College <input type="checkbox"/> Department <input type="checkbox"/> Track <input type="checkbox"/> Others <input checked="" type="checkbox"/>
b.	Required <input checked="" type="checkbox"/> Elective <input type="checkbox"/>
3. Level/year at which this course is offered:	Level 8 / 4 <sup>th</sup> 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):	452-PHP-2
6. Co- requirements for this course (if any):	
7. Course Main Objective(s) The Student will be able to know : <ul style="list-style-type: none"> <li>Hospital and its types.</li> <li>Plan, organize and direct a hospital.</li> <li>Different staff and departments required for smooth running of a hospital.</li> </ul> Inventory control of hospital, Drug distribution system and hospital pharmacy.	

### 1. 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"> <li>Traditional classroom</li> <li>E-learning</li> </ul>		
4.	Distance learning		

### 2. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	28
2.	Laboratory/Studio	2
3.	Field	
4.	Tutorial	30

5.	Others (specify)	
	Total	





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

Code	Course Learning Outcomes	Code of CLOs 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	1. Written exam 2.MCQ 3.Quizzes
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	1. Written exam 2.MCQ 3.Quizzes
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	Group discussion PBL Hospital visit Lecture	1. Written exam 2.MCQ
2.2	Evaluate scientific and professional literature critically to be utilized in evidence- based practice and conducting research.	S2	Group discussion PBL Lecture	1. Written exam 2.MCQ
2.4	Utilize appropriate information technologies to optimize safe medication use and patient care.	S4	Group discussion PBL Hospital visit Lecture	presentation Assignments
2.5	Communicate clearly and effectively in a collaborative manner with health care professionals, patients, caregivers, administrative staff, supportive personnel and the public	S5	Hospital visit Lecture	presentation Assignments
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	V1	Lecture	Observation card Presentation Assignments





Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
	judgment in relevant practice settings.			
3.2	Advocate patient rights to safe and effective medication use in relevant practice setting.	V2	Lecture	Observation card Presentation Assignments
3.3	Engage in self-learning practices and inter-professional healthcare education activities.	V3	Lecture	Observation card Presentation Assignments
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	Lecture	Observation card Presentation Assignments

## C. Course Content

No	List of Topics	Contact Hours
1.	Introduction of Hospital Pharmacy and Hospital Types	2
2.	Inpatient, Outpatient and Clinical Pharmacy Services	2
3.	Patient Counselling	6
4	Drug Distribution system in a Hospital	2
5	Modern dispensing aspects	2
6	Purchasing and Inventory control of Drugs	3
7	Aseptic Services (TPN & I.V Pharmaceuticals)	3
8	Pharmaceutical Care Plan	2
9		2







	Hospital formulary	
10	Pharmacy and Therapeutic Committee	2
11	State-of-the-art Technology	2
12	Medication Errors	2
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	6	25%
3.	Assignment	9	10%
4.	Observation card	9	5%
5.	Final exam	--	50%

\*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	<b>Hospital Pharmacy</b> by Stephen, Martin  Drug Information: A Guide for Pharmacists, 6e Patrick M. Malone, Meghan J. Malone, Sharon K. Park
Supportive References	
Electronic Materials	<a href="https://www.ashp.org/-/media/assets/policy-guidelines/docs/guidelines/gdl-pharmacy-therapeutics-committee-formulary-system.ashx">https://www.ashp.org/-/media/assets/policy-guidelines/docs/guidelines/gdl-pharmacy-therapeutics-committee-formulary-system.ashx</a>





	<a href="https://login.nu.edu.sa/cas/login?service=http://lib.nu.edu.sa/digital-library.aspx">https://login.nu.edu.sa/cas/login?service=http://lib.nu.edu.sa/digital-library.aspx</a>
Other Learning Materials	

## 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		

**Assessor** (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

**Assessment Methods** (Direct, Indirect)

## G. Specification Approval Data

COUNCIL /COMMITTEE	CLINICAL PHARMACY DEPARTMENT COUNCIL
REFERENCE NO.	
DATE	

