



T-104  
2022

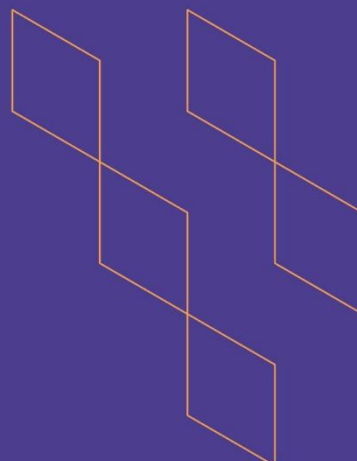
# Course Specification





T-104  
2022

## Course Specification



Course Title: <b>Pharmacy Practice-I</b>
Course Code: <b>452-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: 15-11-2023



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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 10/ 4 <sup>th</sup> Year
4. Course general Description This course will prepare students for future pharmacy management roles in both hospital and community sector. It will provide students with key skills in, the understanding of prescription, drug dose calculations, drug interactions and Drug compliances.	
5. Pre-requirements for this course (if any): 253-PHP-1	
6. Co- requirements for this course (if any): None	
7. Course Main Objective(s) <ul style="list-style-type: none"> <li>• How you can improve your communication skill and why it is important as a pharmacist.</li> <li>• How can you Understand the prescription and explain to patient.</li> <li>• Plan, organize, direct, and control pharmaceutical care systems utilizing management.</li> <li>• Apply principles of human resources management such as recruiting, training, motivating, and evaluating staff.</li> <li>• Recognize the decision making process in the selection of drug on the basis of drug interaction and patient compliance.</li> </ul>	

### 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	0
3.	Field	0
4.	Tutorial	0
5.	Others (Hospital Visit)	02
	Total	30



## 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
2.3	Utilize appropriate information technologies to optimize safe medication use and patient care.	S4	Group discussion PBL Hospital visit Lecture	presentation Assignments
2.4	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 judgment in relevant practice settings.	V1	Lecture	Observation card Presentation Assignments





Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
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 pharmacy practice	2
2	Personnel Management	4
3	Professional Skills(For Pharmacist)	4
4	Prescription (review)	5
5	Dose Calculation	2
6	Community Pharmacy/ Role of Pharmacy	3
7	Hospital Pharmacy	2
8	Communication Skills (How to present)	2
9	Drug Interactions	2
10	Adherence and compliance	2
11	Case Studies	2
Total		30

## D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Quiz	Regular class test	10%
2.	Midterm exam	6-7	25%



No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
3.	Presentation	9	5%
4.	Assignments/ Clinical visit	9	5%
5.	Observation card	10	5%
6.	Final exam	12-13	50%
<b>7</b>	<b>Total</b>		<b>100%</b>

\*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	Pharmacotherapy a pathophysiologic approach by Joseph T. DiPiro, PharmD, and etal (Accesspharmacy)
Supportive References	Pharmacy Practice. A.J. Winfield. 4 <sup>th</sup> edition, Churchill Livingstone, 2009.  Pharmaceutical Management. Dr. Alka Ahuja, Dr. Javed Ali, Dr. Sanjula Baboota, Dr. Roop k. Khar,
Electronic Materials	<a href="http://lib.nu.edu.sa/DigitalLibrary.aspx">http://lib.nu.edu.sa/DigitalLibrary.aspx</a> <a href="https://accesspharmacy.mhmedical.com/searchresults.aspx?q=pharmacy+practice">https://accesspharmacy.mhmedical.com/searchresults.aspx?q=pharmacy+practice</a>
Other Learning Materials	

### 2. Required Facilities and equipment

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	<b>A Lecture containing at least 25 seats</b>
Technology equipment (projector, smart board, software)	<ul style="list-style-type: none"> <li>• <b>Computer lab</b></li> <li>• <b>Internet access</b></li> </ul>
Other equipment (depending on the nature of the specialty)	

## F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Head of departments and students	Indirect Questionnaires (indirect)
Effectiveness of students assessment	Faculty members and students	Indirect Questionnaires (indirect)
Quality of learning resources	Student peer reviewer	Direct Indirect
The extent to which CLOs have been achieved	Students	Questionnaires (Indirect)
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	

