



T-104
2022

Course Specification





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Course Title:	Drug and poison information
Course Code:	553-PHP-2
Program:	Pharmaceutical Sciences
Department:	Clinical Pharmacy
College:	College of Pharmacy
Institution:	Najran University
Version:	
Last Revision Date:	15/11/2023



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A. General information about the course:

Course Identification	
1. Credit hours:	1+1
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 / 5th year
4. Course general Description	
<p>This course outlines the fundamental aspects of providing drug and poison information using variety of literature resources. It will familiarize students with the services of the drug and poison information Centre which offered by the qualified pharmacist to the community.</p> <p>To give the concepts of pharmacovigilance, pharmacoeconomics, adverse drug reactions and uses of vitamins.</p>	
5. Pre-requirements for this course (if any):	
454-PHP-2	
6. Co- requirements for this course (if any):	
7. Course Main Objective(s)	
<p>The Student will be able to:</p> <ul style="list-style-type: none"> • Collect the updated information regarding the drugs by using different resources. • To provide the information in emergency case to manage the different types of poisoning. • To provide the information related to Pharmacoeconomics and pharmacovigilance. 	

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"> • Traditional classroom • E-learning 		
4.	Distance learning		

2. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	15
2.	Laboratory/Studio	30
3.	Field	
4.	Tutorial	
5.	Others (specify)	
	Total	45

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 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 Case studies Lecture	1. Written exam 2.MCQ
2.3	Utilize appropriate information technologies to optimize safe medication use and patient care.	S4	Lecture Case studies	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	Lecture Case studies	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 Practice session	Observation card Assignments Practical exam
3.3	Engage in self-learning practices and inter-professional healthcare education activities.	V3	Lecture Practice session	Observation card Assignments Practical exam
3.4	Demonstrate leadership, entrepreneurial and managerial skills, in addition to accountability, confidence, reflective reasoning and independent thinking to	V4	Lecture	Observation card Assignments



Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
	respond to routine or unanticipated circumstances.			

C. Course Content (Theory)

No	List of Topics	Contact Hours
1.	Introduction to Pharmacotherapy	1
2.	Introduction of poison information	2
3.	Resources of information	2
4.	Package Inserts	2
5.	Evaluation of resources	1
6.	Pharmacoepidemiology	2
7.	Pharmacoeconomics	1
8.	Pharmacovigilance	2
9.	Adverse Drug Reaction	2
Total		15

C. Course Content (practical)

No	List of Topics	Contact Hours
3.	Introduction to Pharmacotherapy	2
4.	Introduction of poison information	4
3.	Resources of information	4
4.	Package Inserts	4
5.	Evaluation of resources	2
6.	Pharmacoepidemiology	4
7.	Pharmacoeconomics	4
8.	Pharmacovigilance	4
9.	Adverse Drug Reaction	2
Total		30



D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Quizzes	Continuous assesment	5%
2.	Midterm exam	6	30%
4.	Assignment	8	5%
5.	Observation card	11	5%
6.	Final Practical Exam	15	15%
7.	Final exam	---	40%

*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	<ul style="list-style-type: none"> ✓ 1 DiPiro, J. T. (Ed.). (2002). <i>Encyclopedia of Clinical Pharmacy (Print)</i>. Informa Health Care. ✓ Series, Micromedex Healthcare. "Internet database." <i>Thomson Reuters Healthcare Web site</i>. http://www.micromedex.com/products/hcs/. Accessed December 2 (2010). ✓ LEXI (softwares)
Supportive References	
Electronic Materials	http://lib.nu.edu.sa/DigitalLibrary.aspx www.rxlist.com www.drugindex.com
Other Learning Materials	Micromedex software

2. Required Facilities and equipment

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	A Lecture containing at least 25 seats
Technology equipment (projector, smart board, software)	Computer lab Internet access



Items	Resources
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	Instructor	
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	

