



Course Specification

(Bachelor)

Course Title: : **CLINICAL SKILLS FOR PHARMACIST**

Course Code: **PHCP 456**

Program: **PHARMACEUTICAL SCIENCES**

Department: **CLINICAL PHARMACY**

College: **PHARMACY**

Institution: **NAJРАН UNIVERSITY**

Version: **3**

Last Revision Date: 20/08/2024

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A. General information about the course:

1. Course Identification

1. Credit hours: (1+1)

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:

The student will develop the basic knowledge, skills and attitudes necessary for interacting with a patient, developing skills in pharmacist to deal with various types of injuries and emergencies.

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

None

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

None

7. Course Main Objective(s):

This course includes the study of the basic knowledge, skills and attitudes necessary for interacting with a patient, developing skills in pharmacist to deal with various types of injuries and emergencies of critical conditions such as the evaluation of the patient's vital signs and the first aid if needed. Also, study essential medical professional skills including competency in consultation skills, diagnosis, and medical management.

2. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	45	100
2	E-learning		
3	Hybrid <ul style="list-style-type: none"> Traditional classroom 		





No	Mode of Instruction	Contact Hours	Percentage
	• E-learning		
4	Distance learning		

3. 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 PLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	Demonstrate the concepts and fundamental aspects to develop the clinical skills of first aids and different with the help of various types of instruments.	K1	Lectures Laboratory work	Written exam, Assignment
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	K2	Lectures Laboratory work	Written exam, Assignment





Code	Course Learning Outcomes	Code of PLOs aligned with program	Teaching Strategies	Assessment Methods
	standards in promoting health prevention and treatment			
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, Laboratory work	Written exam, Assignment,
2.2	Utilize appropriate information technologies to optimize safe medication use and patient care	S4	Lectures, Laboratory work	Assignment, Presentation
2.3	Communicate clearly by verbal and written means.	S5	Lectures, Laboratory work	Assignment, Presentation
3.0	Values, autonomy, and responsibility			
3.1	Demonstrate professional attitude, social and cultural awareness and self-awareness and proper judgment in relevant practice settings	V1	Practice sessions Poster presentation and seminars	Assignment, Presentations Observation card
3.2	Demonstrate leadership,	V4	Practice sessions	Assignment,





Code	Course Learning Outcomes	Code of PLOs aligned with program	Teaching Strategies	Assessment Methods
	entrepreneurial and managerial skills, in addition to accountability, confidence, reflective reasoning and independent thinking to respond to routine or unanticipated circumstances		Poster presentation and seminars	Presentations Observation card
...				

C. Course Content

No	List of Topics	Contact Hours
1.	General introduction of 1 st aid measures	1
2.	1 st aid of bleeding and wounds	2
3.	1 st aid of burns	2
4.	CPR and AED	2
5.	1 st aid of snake bite	1
6.	1 st aid of poisoning	2
7.	1 st aid of bone fracture	3
8.	1 st aid in spinal and head injury	2
Total		15

Course Content (Practical)

No	List of Topics	Contact Hours
1	Measurement of vital signs	5
2.	Measurement of body temperature	5
3.	Measurement of blood pressure	5
4.	Measurement of pulse rate	5
5.	Measurement of blood glucose	5
6.	Demonstration on CPR	5
Total		30



D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Quizzes	Class test	10%
2.	Midterm	6-7	20%
3.	Presentation	8-10	10%
4.	Observation card	11-12	5%
5.	Final Practical	13-14	15%
6.	Assignment	15-16	10%
7.	Final exam	16-18	30%
8.	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	<ol style="list-style-type: none"> 1. Patient Assessment in Pharmacy, Richard N. Herrier, 2. The American Red Cross First Aid and safety handbook, 5th edition 3. Manual of First aid by L.C. Gupta etal, Japye publications 4. First Aid/ CPR/ AED Participant's Manual 2nd Edition
Supportive References	
Electronic Materials	http://lib.nu.edu.sa/DigitalLibrary.aspx
Other Learning Materials	AccessPharmacy database (can be accessed through Saudi Digital Library)

2. Required Facilities and equipment

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	
Technology equipment (projector, smart board, software)	
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	Student peer reviewer	Direct Indirect
Quality of learning resources	Faculty members and students	Indirect Questionnaires (indirect)
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	20-08-2024

