

Higher Education Institution Performance Review (Academic Program Review)

This course description provides a summary of the main characteristics of the course and the learning outcomes expected of the student, demonstrating whether he has made the most of the learning opportunities available and must be linked to the program description.

1. Educational Institution	Al-Zahrawi University
2. University Department / Center	Pharmacy
3. Course Name / Code	Clinical Toxicology – Theory PPCL 57
4. Programs in which it is included	Bachelor in Pharmacy
5. Available Forms of Attendance	Daily Attendance
6. Semester / Year	First Semester fifth year
7. Total Number of Study Hours	2 hours weekly
8. Date of preparing this description	2025/2026
9. Course Objectives :Knowing the poisons, their names, how they work, their presence and uses, as well as knowing the toxic effects on patients and biological interactions of each poison with the body.	
10. Learning Outcomes, Teaching and Learning Methods, and Evaluation	

A. Knowledge and Understanding

A - 1- The student should be familiar with the poisons and their names

A-2- The student should be familiar with the clinical uses of antidotes

A-3- The student should be familiar with the mechanism of toxicity (how poison works)

A-4- The student should be familiar with the toxic effects of drugs in case of over dose

A-5- The student should be familiar with biological interactions of poisons with body tissues.

A-6- Preparing trained and qualified pharmacists to work in poison control center

A-7- Preparing trained and qualified pharmacists to work in hospital emergency department

B. Subject-Specific Skills

B 1. Teaching skill in the subject of toxicologic emergencies.

B 2. The student should have the necessary information to work in poison control centers.

B 3. The student should have the ability to link medicines to practical reality in pharmacies and hospitals, and know what are the guidelines in case of drug over dose in the hospitals.

Teaching and Learning Methods

1. Thinking and discussion method.
2. Scientific tests used in laboratories.
3. Learning by exploratory lecture.

C. Evaluation Methods

1. Submit weekly reports.
2. Exam grades.
3. Graduation research

D. Thinking Skills

A1. Student-teacher dialogue method.

A2. Preparing weekly reports.

A3. Conducting discussions of the results.

A4. Exploratory thinking.

Teaching and Learning Methods

1. Grades.
2. Discussion and dialogue.
3. Tests.

Evaluation Methods

Grades, research and reports, tests

e. General and Transferable Skills

D 1. The student is able to employ the knowledge he has received.

D 2. The student is able to master the teaching and learning profession.

D 3. The student is able to embody what he has acquired in professional development.

11. Course Structure					
Evaluation Method	Learning Method	Unit Name / Course or Topic	Required Learning Outcome	Hour	Week
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Initial Evaluation and Management of the Poisoned Patient. Including pediatric poisoning and special consideration in the geriatric patient	Knowledge	2	1
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Drug Toxicity: Over the counter drugs; caffeine;	Knowledge	2	2
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	theophylline; antihistamine and decongestant; non-steroidal anti-inflammatory drugs; vitamins.	Knowledge	2	3
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Prescription Medications: Cardiovascular drugs; beta blockers; ACE inhibitors; Digoxin; Calcium channel blocker; Antiarrhythmic agents; hypoglycemic drugs;	Knowledge	2	4
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Opioids; CNS depressants; tricyclic antidepressants; anticholinergic phenothiazines; CNS stimulant.	Knowledge	2	5
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Drug of Abuse: Opioids; Cocaine	Knowledge	2	6
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	phencyclidine; marijuana; Lysergic acid.	Knowledge	2	7
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Chemical and Environmental Toxins: Hydrocarbones; Household toxins;	Knowledge	2	8
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Antiseptic; Disinfectants; Camphor; moth repellents	Knowledge	2	9
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Botanicals and plants-derived toxins: Herbal preparation;	Knowledge	2	10
Daily Quiz and Verbal Questions	Using the whiteboard and the projector screen	Toxic plants; Poisonous mushrooms.	Knowledge	2	11

11. Infrastructure	
Required Readings:	References: Goldfrank's Toxicologic Emergencies 9th Ed 2011
Special Requirements (Workshops, Journals, Software, Websites):	Electronic Websites
Social Services (Guest Lectures, Professional Training, Field Studies, Others)	Organizing workshops and courses for graduates:

12. Admission:	
Prerequisites	Admission according to the central plan
Minimum Number of Students	/
Maximum Number of Students	Admission exceeds the capacity plan

Name of the Instructor:

Assistant lecturer Rami Thamer Kareem