

**University of Al-Anbar**

**College of Pharmacy**

**Department of Pharmacology and Toxicology**

Title of the course: *Clinical Toxicology* Course number: **516**

Level: 5<sup>th</sup> Class, 1<sup>st</sup> Semester

Credit hours: **Theory 2 hours Laboratory 1 hour**

Tutors:

Reference text: *1- Gossel TA, Bricker TD, (Eds.); Principles of Clinical Toxicology; latest edition. 2-Viccellio P, (Ed.); Handbook of Medicinal Toxicology; latest edition.*

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**Objectives:** The course aims to provide students with the principles and skills required to deal with the toxicity of chemicals and drugs in clinical settings; it enables students to correlate signs and symptoms of toxicity with the analytical data, and to know how to establish preventive and therapeutic measures for poisoning cases.

No	Lecture title	hours
1.	Initial Evaluation and Management of the Poisoned Patient. Including pediatric poisoning and special consideration in the geriatric patient	3
2.	Drug Toxicity: Over the counter drugs; caffeine; theophylline; antihistamine and decongestant; non-steroidal anti-inflammatory drugs; vitamins.	3
3.	Toxicity of Prescription Medications: Cardiovascular drugs; beta blockers; ACE inhibitors; Digoxin; Calcium channel blocker; Antiarrhythmic agents; hypoglycemic drugs; Opioids; CNS depressants; tricyclic antidepressants; anti-cholinergic phenothiazines; CNS stimulant.	13
4.	Drug of Abuse: Opioids; Cocaine; phencyclidine; marijuana; Lysergic acid.	4
5.	Chemical and Environmental Toxins: Hydrocarbones; Household toxins; Antiseptic; Disinfectants; Camphor; moth repellents.	3
6.	Botanicals and plants-derived toxins: Herbal preparation; Toxic plants; Poisonous mushrooms.	4