



## Course Contract

**-Name of the course: Pharmacology**

**-Academic year :third year**

**-Course title and Code : PCL 304**

**-Contact hours ( Credit hours ) :**

Lectures 4 hrs / week      Tutorial/Practical 2 hrs /week      Total 6hrs / week

### **-Course aims:**

By the end of the course the student should be able to:

- 1- Provide the basic knowledge about commonly used groups of drugs affecting different body systems and their implications in therapy of disease and health promotion.
- 2- understand the safe use of drugs as regards adverse effects, contraindications and drug interactions.
- 3- have enough skills & attitude towards selection and use of drugs on rational bases.
- 4- Adopt lifelong learning

### **-ILOS:**

- a1. Determine the pharmacological principles of treatment using drugs, their efficacy in the management of diseases as well as their side effects.(a7)
- a2. Summarize the principles of management of common emergency situations as status epilepticus, acute morphine toxicity, Addisonian crisis, diabetic coma , thyroid storm. (a8)
- a3-Demonstrate the pathophysiology of diseases and explain the rational basis for the use of drugs (a5)
- a9-Recognize the rational and general guidelines of the use of drugs in the proper dose in special population such as pediatrics, geriatrics, pregnancy and lactation and in cases of liver and kidney impairment.(a8)
- b3-.Explain mechanism of drug action(b1)
- b4-.Identify risky drug interactions & risky patients (b7)
- b5-. Determine drug adverse reactions.& detect earliest manifestations of side effects. (b1)
- C1- Choose the proper drugs to treat particular patient .(c1)
- C2- Write a prescription for selected important diseases.(c8)



d3- Accept the importance of life-long self-learning and show a strong commitment to it (d17)

### **-Student assessment:**

#### **5.1. Methods:**

	<b>Evaluate</b>
Class activity ( attendance, research, quizzes & conferences attendance )	a1-9,b1-5,d1-6
Mid year exam	
Practical exam	C1-3
Final written exam	A1-10,b1-5
Oral exam	a1-12,b1-5,d1-6

#### **5.2. Assessment Schedule :**

Class activity	Week ( 2-13 )
Mid term exam	week
week 6	
Practical exam	Week ( 14 )
Final written exam	Week* ( 16-19 )
Oral exam	Week* ( 16-19 )

\* According to the exam time table

#### **5.3. Weight of Assessments in :**

Class activity	15.4%	
<input checked="" type="checkbox"/> Attendance		
<input checked="" type="checkbox"/> Research		
<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/> Quizzes		
<input checked="" type="checkbox"/> Mid year exam	14.6 %	
Practical & clinical exam	13.3%	
Final written exam	43.4%	
Oral exam	13.3%	
<b>Total</b>	<b>100%</b>	<b>(300 Marks )</b>

Any formative assessments

**Course Coordinator : Prof. Nabila Moustafa**

**Head of Department :Prof. Dr. Nabila Moustafa**