

Course Specifications

University	Beni-Suef
Faculty	Pharmacy
Dept.	<u>Pharmacology and Toxicology</u>

1-Course Info.	Course Name: Pharmacology-1
Code No.	Academic year/ Level:
Credit hours: Lecture (2) hour + Practical (2) hour	

2-Overall Aim of the Course	The aim of the course is to ensure that students have the necessary knowledge and skills enabling them to develop professional competence in the recognition, analysis and discussion of the pharmacological aspects of drugs affecting the major body organs and system pertinent to this course and the application of the these competencies in the specialist areas.
3-Intended Learning Outcomes of the course (ILOs)	
a. Knowledge and understanding	Having successfully completed this course, students will be able to demonstrate detailed clear comprehensive knowledge and full confident understanding of the drugs acting on the following systems and organs: <ol style="list-style-type: none"> 1. The autonomic nervous system, 2. The somatic nervous system, 3. The respiratory system, 4. The gastrointestinal tract, 5. The urinary tract, 6. The blood,
b. Intellectual Skills	Recognize the mechanism of action,

	<p>pharmacological effects, therapeutic uses, adverse effects, contraindications and drug interactions.</p> <ol style="list-style-type: none"> Predict the pharmacological aspects of individual drugs that their names were not covered by the course contents, once provided with their pharmacological class. Carry out confident and accurate selection of the drugs to be used in different disorders within the context of the studied pharmacological classes. Integrate theory with professional practice. Conduct a search on individual drugs using all the available recourses.
<p>c. Professional and Practical Skills</p>	<ol style="list-style-type: none"> Demonstrate confident oral and written application of knowledge and skills gained within the context of this course. Demonstrate professional competence in selecting appropriate therapy for different disorders covered in this course. Carry out appropriate experiments to diagnose and describe the pharmacological aspects of unknown drugs. Use effectively the experimental animals, used during the practical sections, bearing in mind technical, safety and ethical limitations. <ol style="list-style-type: none"> 5. Present quality oral and written presentations, regarding drug profiles.
<p>d. General and Transferable Skills</p>	<ol style="list-style-type: none"> Write structured reports including full material and give oral presentations Engage effectively in oral and written communications with members of the health medical profession
<p>4-Course Contents</p>	<p>- Introduction</p>

	<ul style="list-style-type: none"> - Drugs acting on the autonomic nervous system - Autacoids. - Local anaesthetics.
5- Teaching and learning Strategies	Lectures, practical laboratory sections, tutorial and class activity (oral and written presentations).
6- Teaching and learning Methods for Special Needs Students.	None reported
7- Student Assessment Methods	
a-Methods	Written examination, practical examination, class participation and oral examination.
b- Assessment Schedule	<p>Assessment 1 assignments extended over the semester</p> <p>Assessment 2 practical exam week 12-14</p> <p>Assessment 3 final and oral exams week 16 or 18</p>
c- Weighting of Assessment Marks	<p>Mid-Term Examination 0 %</p> <p>Final-term Examination 80 marks</p> <p>Oral Examination. 20 marks</p> <p>Practical Examination and semester work 50 marks</p> <p>-----</p> <p>Total 150 Marks</p>
8-List of References	
a.Notes	Course notes prepared by Pharmacology and Toxicology Dept. Staff members
b.Mandatory Books	-Lippincott – Pharmacology
c.Suggested Books	-Katzung Basic and Clinical Pharmacology.
d.Journals	-Pharmacology.

	<ul style="list-style-type: none">-Pharmacological Reports.-Clinical Pharmacology and Biopharmaceutics.-Clinical and Experimental Pharmacology and Physiology.
--	--

Course Coordinators: Dr. Basim Anwar Shehata Messiha

Head of department: Dr. Basim Anwar Shehata Messiha

Date: 1/9/2016

وحدة ضمان الجودة - كلية الصيدلة - جامعة بني سويف