

### Course Specifications

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

<b>1-Course Info.</b>	<b>Course Name:</b> Therapeutics 1
<b>Code No.</b> PO 905	<b>Academic year/ Level:</b> Fifth year /First semester
<b>Credit hours:</b> Lecture (...2..) hour + Practical (...1..) hour	

<b>2-Overall Aim of the Course</b>	Ensuring that students have the necessary knowledge and skills enabling them to develop professional competence in the recognition, analysis, and discussion of different clinical conditions affecting body systems and their management and goals of treatment.
<b>3-Intended Learning Outcomes of the course (ILOs)</b>	
<b>a. Knowledge and understanding</b>	By the end of this course, the student should be able to demonstrate detailed complete comprehensive knowledge and full confident understanding of the basics of clinical pharmacology regarding: <ol style="list-style-type: none"><li>1- Cardiovascular system disorders (arrhythmia, angina, hypertension, heart failure, peripheral artery disease).</li><li>2- Clotting abnormalities.</li><li>3- Gastrointestinal disorders (peptic ulcer, inflammatory bowel disease, nausea, vomiting, diarrhea, constipation)</li><li>4- Liver diseases.</li><li>5- Respiratory tract diseases (bronchial asthma, COPD, common cold).</li></ol>
<b>b. Intellectual Skills</b>	By the end of this course, the student should be able to:

	<ol style="list-style-type: none"> <li>1. Recognize the clinical and pathological backgrounds of various diseases and the appropriate approaches used for their management.</li> <li>2. Integrate theory with professional practice.</li> <li>3. Conduct a search on individual clinical conditions.</li> </ol>
<b>c. Professional and Practical Skills</b>	<p>By the end of this course, the student should be able to:</p> <ol style="list-style-type: none"> <li>1. Demonstrate confident oral and written application of knowledge and skills gained within the context of this course.</li> <li>2. Carry out appropriate searches on selected clinical case studies.</li> </ol>
<b>d. General and Transferable Skills</b>	<p>By the end of the course the student should be able to:</p> <ol style="list-style-type: none"> <li>1- engage effectively in oral and written communications with members of the health medical profession.</li> <li>2- engage effectively in a range of independent roles, debate in a confident professional manner, produce coherent reports to professional standards, give confident quality oral and other presentations in a wide range of contexts</li> </ol>
<b>4-Course Contents</b>	<ol style="list-style-type: none"> <li>1- Cardiovascular disorders</li> <li>2- Clotting abnormalities</li> <li>3- Respiratory diseases</li> <li>4- Gastrointestinal disorders</li> <li>5- Liver disorders</li> </ol>
<b>5- Teaching and learning Strategies</b>	Lectures, practical laboratory sections, tutorial and class activity (oral and written presentations).
<b>6- Teaching and learning Methods for Special Needs Students.</b>	

<b>7- Student Assessment Methods</b>																							
<b>a-Methods</b>	Written examination, practical examination, class participation and examination.																						
<b>b- Assessment Schedule</b>	Assessment 1 : Assignments extended over the semester Assessment 2 : Quiz week 6 Assessment 3: Practical exam week 12-14 Assessment 3 : Final and oral exams week 16 or 18																						
<b>c- Weighting of Assessment Marks</b>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right;">Mid-Term Examination</td> <td style="text-align: right;">0</td> </tr> <tr> <td style="text-align: right;">%</td> <td></td> </tr> <tr> <td style="text-align: right;">Final-term Examination</td> <td style="text-align: right;">50</td> </tr> <tr> <td style="text-align: right;">%</td> <td></td> </tr> <tr> <td style="text-align: right;">Oral Examination.</td> <td style="text-align: right;">15</td> </tr> <tr> <td style="text-align: right;">%</td> <td></td> </tr> <tr> <td style="text-align: right;">Practical Examination</td> <td style="text-align: right;">25</td> </tr> <tr> <td style="text-align: right;">%</td> <td></td> </tr> <tr> <td style="text-align: right;">Semester Work</td> <td style="text-align: right;">10</td> </tr> <tr> <td style="text-align: right;">%</td> <td></td> </tr> <tr> <td style="text-align: right;"><u>Other types of assessment</u></td> <td style="text-align: right;">----</td> </tr> </table>	Mid-Term Examination	0	%		Final-term Examination	50	%		Oral Examination.	15	%		Practical Examination	25	%		Semester Work	10	%		<u>Other types of assessment</u>	----
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<b>8-List of References</b>																							
<b>a.Notes</b>	Course note prepared by Department of Pharmacology and Toxicology																						

<b>b.Mandatory Books</b>	
<b>c.Suggested Books</b>	<ul style="list-style-type: none"><li>-Clinical Pharmacy and Therapeutics, last edition.</li><li>-Basic and clinical pharmacology: B.G. Katzung, last edition</li><li>-Goodman and Gillman's Pharmacological Basis of Therapeutics: last edition</li><li>-Periodicals and Web sites.</li></ul>
<b>d.Journals</b>	

**Course Coordinators: Dr Amira Mourad Abo-Youssef**

**Head of department: Dr Basim Anwar**

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