

Course Specifications

University	Beni-Suef
Faculty	Pharmacy
Dept.	Pharmacology and toxicology

1-Course Info.

Programme(s) on which the course is given: Bachelor of pharmaceutical sciences

Course Name and code No.: Therapeutics 2 (PO 007)

Academic year/ Level: Fifth year/level 10

Credit hours: Lecture (2) hour + Practical (2) hour

2-Overall Aim of the Course

To ensure that the students have the necessary knowledge & skills enabling them to develop professional competence in the recognition, analysis & discussion of different clinical conditions affecting body systems and their management and goals of treatment.

3-Intended Learning Outcomes of the course (ILOs)

a. Knowledge and understanding

Upon successful completion of this course, the students will be able to

- 1 - Describe the patient centered therapeutics.
- 2 - Explain glaucoma, headache and their drug treatments.
- 3 - Discuss acute renal failure and its management.
- 4 - Outline Attention deficit disorders, autism signs, symptoms and treatments.
- 5 - Explain alzheimer etiology, pathophysiology, symptoms and treatments.
- 6 - Discuss osteoarthritis, rheumatoid arthritis, osteoporosis symptoms and treatments.
- 7- Discuss gout and hyperuricemia signs, symptoms and lines of treatment.

b. Professional and Practical Skills

At the end of this course, the student should be able to:

Upon successful completion of this course, the students will be able to

1. demonstrate confident oral and written application of knowledge and skills gained within the context of this course.
2. demonstrate professional competence in selecting appropriate therapy for different disorders covered in this course.

3. choose the proper drug for different clinical situations
4. present quality oral and written presentations regarding case study

c. Intellectual Skills

At the end of this course, the student should be able to:

Upon successful completion of this course, the students will be able to

1. recognize the therapeutic uses, adverse effects, contraindications and drug interactions.
2. predict the pharmacological aspects of individual drugs that their names were not covered by the course contents, once provided with their pharmacological class.
3. carry out confident and accurate selection of the drugs to be used in different disorder within the context of the studied pharmacological classes.
4. integrate theory with professional practice.
5. conduct a search on individual drugs using all the available resources.

d. General and Transferable Skills

Upon successful completion of this course, the students will be able to

1. write structured reports including full material and give oral presentations.
2. engage effectively in oral and written communications with members of the health medical profession.
3. 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.
4. use current IT facilities, including on-line internet information.
5. practice and demonstrate literature retrieval skills and presentations.
6. interact confidently and effectively within a range of learning and professional groups.
7. demonstrate appropriate negotiating role, leadership and group-support skills.
8. set realistic plan work to meet targets within deadlines.
9. direct and manage own learning using the full range of resources and study techniques appropriate to the specialist areas covered by the course.

4-Course Contents

Tel.: 2319397 – 2317953 – 2317950 Fax: 2317958
ت: 2319397 / 2317953 / 2317950 ت.ف: 2317958

كلية الصيدلة – جامعة بني سويف
ش. الشهيد/ شحاته أحمد حجازي- بني سويف

Topics	No. of hours	
	Tutorial / Practical	Lecture
Alzheimer`s Disease	1	2
Attention deficit disorders	1	2
Autism	1	2
Gout and Hyperuricemia	1	2
Acute renal failure	1	2
Osteoarthritis	1	2
Rheumatoid arthritis	1	2
Osteoporosis	1	2
Glaucoma	1	2
Headache	1	2
Revision	1	2
Total	12	24

5- Teaching and learning Methods

Lectures, practical laboratory sections, tutorial, as well as student's oral and written presentations are applied. The group working skills are fostered by classifying students into groups, each of 5 students using problem based learning (PBL). Each group is responsible for carrying out assignments together in a team working manner.

7- Student Assessment Methods**a-Methods**

Written examination, practical examination, class participation and oral examination.

b- Assessment Schedule

Assessment 1	quiz 1	week 4
Assessment 2	quiz 2	week 8
Assessment 3	practical exam	week 12
Assessment 4	final and oral exams	week 14

c- Weighting of Assessment Marks

Mid-Term Examination	0 %
Final-term Examination	50 marks (50%)
Oral Examination.	15 marks (15%)
Practical Examination	25 marks (25%)
Semester work	10 marks (10%)

Total 100 Marks (100%)

8-List of References**a. Notes**

Course notes prepared by Pharmacology and Toxicology Dept. Staff members

b. Mandatory Books

- Pharmacotherapy handbook
- Pharmacotherapy principles and practice
- Clinical pharmacy and therapeutics

b. Suggested Books

- Applied therapeutics

d. Journals

Course Coordinator: Dr. Amany Azouz

Head of department:

Date:

وحدة ضمان الجودة - كلية الصيدلة - جامعة بني سويف