



Model (No 12)
Course Specification : Pharmacy orientation

Faculty of Pharmacy

Farabi Quality Management of Education and Learning - 15/1/2021

University : Mansoura University

Faculty : Faculty of Pharmacy

Department : Pharmaceutics

1- Course data :-

Code:	PT111					
Course title:	Pharmacy orientation					
Level:	One					
Program Title:	• pharmaceutical sciences					
Specialization:	Major					
Teaching Hours:	Theoretical:	2	Tutorial:		Practical:	

2- Course aims :-

1. 1) Orienting the students to the different aspects of pharmacy profession and to the expressions commonly used in pharmacy practice
2. 2) Recognizing different routes of drug administration and medical terminology.
3. 3) Be aware of the history of pharmacy and its development.
4. 4) Knowing different types of incompatibilities (physical, chemical and therapeutic).

3- Intended learning outcomes of course (ILO'S) :-

a- Knowledge and understanding

1. [a18] Distinguish the methods of statistical analysis and pharmaceutical calculations.
2. [a23] Define the proper pharmaceutical and medical terminology, abbreviations and symbols in health reports and pharmacy practice.

3. **b- Intellectual skills**

- [b4] Predict possible incompatibilities and other prescription-related problems that may occur during drug dispensing.

2. **c- Professional and practical skills**

- [c1] Utilize the proper pharmaceutical and medical terminology, to communicate with other health care professionals.
- [c3] Employ proper and safe dispensing, labeling and storing of medicines and pharmaceutical preparation.

3. **d- General and transferable skills**

- [d1] Communicate clearly by verbal and written means with patients and other health care professionals.
- [d4] Exploit calculations and statistical methods as well as information technology (IT) tools.

4- Course contents :-

No	Topics	Week
1	1) History of pharmacy تاريخ الصيدلة: الصيدلة عند قدماء المصريين - الصيدلة فى الاقطار الشرقية - الصيدلة عند العرب - اشهر علماء الطب و الصيدلة من العرب - تطور التعليم الصيدلى فى مصر	1
2	2) Role of the pharmacist in health care team	2
3	3) Pharmacy organization	3
4	4) System of Medicine	4
5	5) Ethics of pharmacy	5
6	6) Weight and measures The apothecaries' system, avoirdupois system, metric system	6
7	7) Terminology Medical terminology, symbols and abbreviations.	7
8	Routes of drug administration	8
9	Prescription	9
10	Different type of Pharmaceutical dosage forms	10

5- Teaching and learning methods :-

S	Method	Knowledge and understanding	Intellectual skills	Professional skills	General skills
1	Lectures with different tools: power point presentation, and white board	a23	b4	c3	d1
2	Solving of problems	a18	b4	c1	d4

6- Teaching and learning methods of disables :-

1. Not applied

7- Student assessment :-

a- Student assessment methods

No	Assessment Method	Knowledge and understanding	Intellectual skills	Professional skills	General skills
1	Mid Term exam	a18,a23			d1,d4
2	Final Written exam	a18,a23	b4	c1,c3	d1,d4

b- Assessment schedule

No	Method	Week
1	Periodical exam	7
2	Written exam	14

c- Weighting of assessments

No	Method	Weight
1	Mid-Term Examination	10 %
2	Final-Term Examination	90%
Total		100%

8- List of references

S	Item	Type
1	8.1 - Essential Books (Text Books) -"Remington's: The science and practice of pharmacy" 21st Ed., Gennaro, A. R., ed., Mack publishing C., Lippincott Williams and Wilkins, Philadelphia, (2006). -The science of dosage form design " The English language book society and Churchill Livingstone (2002). - Medical Terminology: A Short Course by Davi-Ellen Chabner. 4th edition, 2005.	Books

2	8.2 - Recommended Books - "Ansel's Pharmaceutical Dosage Forms and Drug Delivery Systems" 8th Ed., Wolters Kluwer, Lippincott Williams and Wilkins, Philadelphia, (2005). - Medical Terminology for Health Professions by Ann Ehrlich and Carol L. Schroeder (2004)	Books
3	8.3 - Periodicals, Web Sites http://www.sciencedirect.com, http://www.google.com, http://www.pubmed.com	Web sites

9- Matrix of knowledge and skills of the course

S	Course contents	Knowledge and understanding	Intellectual skills	Professional skills	General skills
1	1) History of pharmacy تاريخ الصيدلة: الصيدلة عند قدماء المصريين - الصيدلة فى الاقطار الشرقية - الصيدلة عند العرب - اشهر علماء الطب و الصيدلة من العرب - تطور التعليم الصيدلى فى مصر	a18	b4	c1	d1
2	2) Role of the pharmacist in health care team	a18	b4	c3	d4
3	3) Pharmacy organization				
4	4) System of Medicine				
5	5) Ethics of pharmacy				
6	6) Weight and measures The apothecaries' system, avoirdupois system, metric system				
7	7) Terminology Medical terminology, symbols and abbreviations.	a23	b4	c1	d4
8	Routes of drug administration	a18	b4	c3	d4
9	Prescription	a18	b4	c3	d1
10	Different type of Pharmaceutical dosage forms	a23	b4	c1	d4

Course Coordinator(s): -

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