



Course specification
2018- 2019
Faculty of Pharmacy
Mansoura University



Fourth Level

Course Specification Pharmacy Practice

University: Mansoura University (MU)
Faculty: Pharmacy
Department: Pharmacy practice
Course title: Pharmacy Practice
Course code: PP427

Program on which the course is given	B. Pharm
Academic Level	Fourth Level, second semester, 2017-2018
Date of course specification approval	9/9/2018

1. Basic Information: Course data:

Course title:	Pharmacy Practice	Code: PP427
Specialization:	Pharmaceutical	
Prerequisite:		
Teaching Hours:	Lecture: 2	Practical: 2
Number of units: (credit hours)	3	

2. Course Aims:

This course provides instruction in the technical procedures for preparing and dispensing drugs in the hospital and retail settings under supervision of a registered pharmacist. Topics include drug packaging and labeling, out-patient dispensing, hospital dispensing procedures, controlled substance procedures, inventory control, and non-sterile compounding. Upon completion, students should be able to perform basic supervised dispensing techniques in a variety of pharmacy settings.

2. Intended learning outcomes (ILOs):

a- Knowledge and understanding

[a1] Identify the principles of basic, pharmaceutical, medical, food components, herbal, social, behavioral, management, health and environmental sciences as well as pharmacy practice.

[a2] Generalize the regulatory affairs, pharmacy laws and ethics of pharmacy profession and health care.



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b- Intellectual skills

[b1] Evaluate evidence-based information needed in pharmacy practice decisions.

c- Professional and practical skills

[c1] Utilize the proper pharmaceutical and medical terminology, to communicate with other health care professionals.

[c2] Perform good pharmacy practice by proper understanding of etiology and pathophysiology of diseases, and drug chemistry.

[c3] Apply the concepts of pharmaceutical care in different pharmacy practice settings.

[c4] Apply the rules and regulations governing the practice of pharmacy.

[c5] Counsel patients when dispensing OTC and prescription drugs and herbal formulations to ensure safe and proper use of medicines.

d- General and transferable skills

d1 Communicate clearly by verbal and written means with patients and other health care professionals

[d2] Interact effectively in team working.

[d3] Adopt professional ethical, legal and safety guidelines in pharmacy practice

[d4] Record the consideration encountered in establishing a community pharmacy.

4. Contents:

Week No	Topics	No. of hours	Lecture credit hours	Practical credit hours
1.	Concepts of pharmaceutical care	2	2 hours	
2.	Professional communication	2	2 hours	
3.	Patient counseling	2	2 hours	



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4.	Overview of community hospital industrial pharmacy practice	2	2 hours	
5	Overview of community hospital industrial pharmacy practice	2	2 hours	
6.	Overview of community hospital industrial pharmacy practice	2	2 hours	
7.	Mid-term Exam			
8.	Compliance and adherence to treatment	2	2 hours	
9.	hormone replacement therapy	2	2 hours	
10.	feet problems	2	2 hours	
11.	Pregnancy and women problems	2	2 hours	
12.	ear problems	2	2 hours	
13.	cold and flu	2	2 hours	
	Practical topics			
Week No	Topics	No. of hours	Lecture credit hours	Practical credit hours
1.	Case study: ethics in Pharmacy Practice	2		1 hour
2.	Case study: communication skills	2		1 hour
3.	Case study : patient counselling	2		1 hour
4.	Case study: calculations in Pharmacy Practice	2		1 hour
5.	Dispensing process	2		1 hour
6.	Case study: ear problems	2		1 hour
7.	Mid-term Exam			
8.	Case study: feet problems	2		1 hour
9.	Case study: women problems	2		1 hour
10.	Case study: hormone replacement therapy	2		1 hour
11.	Case study: GED	2		1 hour
12.	Case study: cold and flue	2		1 hour
13.	Practical Exams			



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5. Teaching and learning Methods:

5.1	Lectures using whiteboard
5.2	Lectures using Data show, PowerPoint presentations
5.3	Research assignments
5.4	Case study
5.5	Discussion session

6. Student Assessment:

a- Assessment methods

1. Written exam	To assess understanding, intellectual and professional skills
3. Practical exam	To assess professional and practical skills
4. Oral	To assess knowledge, understanding, intellectual skills, general skills and confidence
5. Case study	To assess the skills of problem-solving

b- Assessment schedule

Assessment 1	Practical	12 th week
Assessment 2	Mid-term	6 th week
Assessment 3	Oral	15 th week
Assessment 4	Written	15 th week

c- Weighting of assessments

1.	Mid-term examination	10 %
2.	Final-term examination	50 %
3.	Oral examination	15 %
4.	Practical examination and Semester work	25 %
Total		100 %

7. List of References

No	Reference	Type
1.	Practical course notes prepared by the department staff members	Course notes
2.	Lecture notes in pharmacy practice	Book



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3.	British medical association and royal pharmaceutcial society of great Britain., current edition. British national formulary. London: bmj publishing group.	Book
4.	Principles and Practice of Medicine. London: Churchill Livingston.	Book
5.	Oxford Handbook of Clinical Pharmacy	Book
6	Community pharmacy practice	Book

8. Matrix of knowledge and skills of the course

No	Topics	Week	Basic knowledge	Intellectual skills	Professional skills	General skills
1	Concepts of pharmaceutical care	1	a1	b1	c1	d1
2	Pharmacy profession	2	a1	b1	c1	d1
3	Professional communication	3	a1,a2	b1	c2	d1
4	Patient counseling	4	a1,a2	b1	c2	d3,d4
5	Problems solving skills	5	a1,a2	b1	c3	d3,d4
6	Role of the pharmacist in management of symptoms of certain diseases such as: (GIT diseases, respiratory diseases, eye diseases and skin diseases)	6 to 12	a1,a2	b1	c1,c2,c3	d1,d6,d4

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