

Course Syllabus typical Format (CSTF)

First: Course Information

1	College: Pharmacy	2	Department: Pharmacy Practice
3	Academic Semester: First Semester	4	Academic year: 1442 H /1443 H
5	Course Name: Orientation to Pharmacy	6	Course code and number: PDPHO211
7	Number of credit hours: 2 Units (... 1... theoretical/lecture, ... 1... Tutorial)		
8	Course requirement in program: [<input checked="" type="checkbox"/>] Required (obligatory) [<input type="checkbox"/>] Optional (Elective)		
9	Course type: [<input type="checkbox"/>] University Requirement [<input checked="" type="checkbox"/>] College Requirement [<input type="checkbox"/>] Departmental Requirement		
10	Pre-requisite (code and number) (if applicable): Not applicable		

Second: Instructor Information

1	Instructor's name: Dr. Ahmed Mohsen Hamdan		
2	Sections of the course that we teach all the course		
3	Office phone number: 0144273022-3910	4	Mobile number (optional): 0548599084
5	Office location and number: First Floor (01-03-1-06)		
6	Office hours: Wednesday and Thursday (9:00-11:00 am)		
7	Website: www.ut.edu.sa/web/u58062		
8	E-mail: a_hamdan@ut.edu.sa		

Third: Lecture and lab timetables:

Section	Days	Time	Place (Building/Room)
Male	Tuesday	9:00-10:00 am	Faculty of Pharmacy/ 1 st floor/ Lecture room 001-03-0-06
	Tuesday	10:00-12:00 am	Faculty of Pharmacy/ 1 st floor/ Lecture room 001-03-0-06
Female	Wednesday	9:00-10:00 am	Faculty of Medicine/ 2 nd floor/ Lecture room 001-25-2-048
	Sunday	10:00-12:00 am	Faculty of Medicine/ 1st floor/ Lecture room 001-25-2-048

Fourth: Course description

<p>Course description as found in the University Catalogue in both Arabic and English</p> <p>The aims of this course are to provide an overview of the curriculum contents of the pharm D program, introduction to the profession of pharmacy, current pharmacy practice trends and pharmacy career opportunities.</p>
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Fifth: General Objectives and Teaching Strategies

<p>General course objectives (designate the sections and goals that are related to the course content)</p> <ul style="list-style-type: none"> ▪ This course aims at helping students to gain awareness about basics of pharmacy practice; ▪ It introduces different fields of pharmacy profession. 	Teaching strategies and instructional aids
<p>Knowledge domain:</p> <ol style="list-style-type: none"> 1. Demonstrate in depth the foundation of pharmaceutical and biomedical sciences in relation to supporting health and wellness. 2. Demonstrate the concepts and principles of medicines management and clarify the therapeutic plan, outcomes and monitoring parameters in various pharmacy practice settings and different types of patient-centered care and population-based care. 3. Demonstrate the role of pharmacists in aspects of pharmacy-care according to legal, ethical and professional standards in promoting health as well as prevention and treatment. 	<p>PowerPoint</p> <p>Traditional lecture</p> <p>Brain storming</p> <p>Each class quiz</p> <p>Problem solving</p>
<p>Cognitive Domain:</p> <ul style="list-style-type: none"> ▪ Integrate pharmaceutical sciences with pharmacy applications according to professional guidelines. ▪ Interpret information obtained from different resources to provide creative solutions for complex problems. 	<p>Research groups and Presentations</p> <p>Individual Research and presentations</p>
<p>Value Domain:</p> <ul style="list-style-type: none"> ▪ Demonstrate leadership skills, accountability and acceptance of responsibility within a team in various professional settings. 	<p>Brain storming</p> <p>Discussion</p>
<p>Affective Domain:</p> <ul style="list-style-type: none"> ▪ Illustrate the communication skills with the instructors and staff in the lectures and labs. ▪ Illustrate the communication skills with the different personalities and attitudes. ▪ Self- learning 	<p>Research groups and Presentations</p> <p>Individual Research and presentations</p>

Sixth: Course or Curriculum units, subjects, specific objectives, and time schedule in the academic semester (first semester)

Week number	Unit Number	Instructional Objectives (Unit/Chapter/Subject title)	Readings	Reference Number	Pages	
First	1	Definition and scope of pharmacy	<ol style="list-style-type: none"> 1. Definition of Pharmacy and Drug 2. Scope of Pharmacy 3. Naming of Drugs 4. Pharmacist career 5. Graduate Education 	<p>1.1</p> <p>2</p> <p>3</p>	<p>1-3</p> <p>3-19</p> <p>2-4</p>	Drug, Pharmacy, Career, Education
Second	2	Pharmacist in public health	<ol style="list-style-type: none"> 1. Definition of public health 2. Rational use of medicines 3. Pharmacists' services in disaster management 4. De-addiction services by pharmacists 5. Role of pharmacists in global health, epidemiology, chronic disease management, maternal and child health 6. Creating awareness among the public 	2	51-63	Public health, Pharmacists' services
Third	3	Pharmacy Practice – Current scenario and future perspective	<ol style="list-style-type: none"> 1. Definition and introduction to pharmacy practice 2. Professional prospects 3. Evolution of pharmacist's role 4. Pharmaceutical care 5. Pharmacy practice sites 6. Goals of pharmacy practice 	<p>1.1</p> <p>1.2</p> <p>2</p> <p>5</p>	<p>1-4</p> <p>3-4</p> <p>30-36</p> <p>3-18</p>	Pharmacy practice, Pharmaceutical care

Fourth	4	An overview of community pharmacy	<ol style="list-style-type: none"> 1. Definition and scope of community pharmacy 2. Roles and responsibilities of community pharmacist 3. Services rendered by the community pharmacists 4. Future of community pharmacist 5. Community pharmacy management 	1.1 8	23-31 1-6	Community pharmacy, roles and responsibilities
Fifth	5	An overview of hospital pharmacy	<ol style="list-style-type: none"> 1. Roles of hospital pharmacist 2. Structure of hospital pharmacy 3. Specialization in hospital pharmacy 4. Future of hospital pharmacy 	1.1	33-41	Hospital pharmacy
Sixth	6	An overview of industrial sector pharmacy	<ol style="list-style-type: none"> 1. Research and development 2. Manufacturing 3. Quality assurance 4. Clinical trials 5. Medicines information 6. Sales and marketing 7. Regulatory affairs 8. General management and business 	1.1	43-53	Research, Industrial pharmacy
Seventh	7	Basic differences between community, hospital and industrial pharmacies	<ol style="list-style-type: none"> 1. Roles and responsibilities 2. Structure 3. Future 	1.1	23-53	Pharmacy
Ninth	9	Introduction to medicines management	<ol style="list-style-type: none"> 1. Objectives of medicines management 2. Development of medicines management 3. Consequences of poor medicines management 4. Types of medicines management 5. Ways in which medicines management is achieved 	1.1 9	55-60 1-5	Medicines management

Tenth	10	An overview of clinical pharmacy	1. Development of clinical practice in pharmacy 2. Clinical pharmacy functions and knowledge	1.2	2-10	Clinical pharmacy
Eleventh	11	Development of clinical practice in pharmacy	1. The pharmacy profession's culture 2. Types of practice 3. The pharmacist as practitioner 4. The patient-pharmacist relationship	6	16-26	Clinical practice, Patient-pharmacist relationship
Twelfth	12	Pharmaceutical care	1. The patient-centered clinical method 2. Prioritizing patient care 3. Pharmaceuticals and care 4. The professional work environment	6	32-36	Pharmaceutical care
Thirteenth	13	Introduction to clinical pharmacy function	1. The concept of clinical pharmacy 2. Basic components of clinical pharmacy 3. Objectives and scope of clinical pharmacy 4. Role of clinical pharmacist	7	11-15	Clinical pharmacy
Fourteenth	14	Pharmaceutical consultation	1. Medicines taking behavior 2. Consultation process	1.2	4-6	Pharmaceutical consultation

Seventh: Assessment and evaluation plan

Assessment tools	Date and duration (day/date/ time)	Subject matter covered in the exam	Type of questions	Grades out of 100	Guidelines and instructions
Quiz 1 exam	7/2/1443 H (9:00-9:20 am)	Lectures 1-3	MCQ	5 marks	Multitask exam measuring all kinds of the students talents with model answer from the lecture notes
Mid-term exam	18/3/1443 H (10:00-11:30 am)	Lectures 1-7	MCQ, Short essays and complete	30 marks	Multitask exam measuring all kinds of the students talents with model answer from the lecture notes
Quiz 2 exam	11/4/1443 H (9:00-9:20 am)	Lectures 8-11	MCQ	5 marks	Multitask exam measuring all kinds of the students talents with model answer from the lecture notes
Final exam	2/6/1443 H (13:00-15:00)	Lectures 1-12	MCQ, Short essays and complete	40 marks	Multitask exam measuring all kinds of the students talents with model answer from the lecture notes
Evaluation without exam	Description of performance required from student	Due date	Rubrics	Marks	Guidelines & instructions
	Continuous evaluation	20/2/1443 to 27/5/1443	Class quiz, take home quiz, essay, oral presentation, group project etc.	20 marks	Individual evaluation (or) Students will be divided into 4 groups. Each group consisting of 5 students will collaborate and participate.

Eighth: Readings and further References

1	<p>Main Reference (Textbook) (correct citation in accordance to APA or other citation standards specific to discipline)</p> <ol style="list-style-type: none"> 1. Foundation in Pharmacy Practice, by Ben J Whalley, Kate E Fletcher, Sam E Weston, Rachel L Howard and Clare F Rawlinson. Pharmaceutical press. 2. Clinical pharmacy and therapeutics, by Roger Walker and Whittlesea, Churchill Livingstone. 3. Introduction to the Pharmacy Profession, by Annesha W. Lovett, Samuel K. Peasah Jones Bartlett. 4. Pharmacy – An Introduction to the profession, by Michael Posey, American Pharmacist Association. 5. Pharmaceutical Care, by Calvin H. Knowlton, Richard P. Penna, American Society of Health-System Pharmacists. 6. Developing Clinical Practice Skills for Pharmacists, Kimberly A. Galt, American Society of Health-System Pharmacists. 7. Handbook of Clinical Pharmacy, by A.V. Yadav, B.V. Yadav, T.I. Shaik, Nirali Prakashan publication.
Extra reading references and citations (books, internet sites, research papers)	
2	Remington, the Science and Practice of Pharmacy, by Patrick J. Sinko. Lippincott Williams and Wilkins.
3	Introduction to the Pharmacy Profession, by Annesha W. Lovett, Samuel K. Peasah Jones Bartlett.
4	Pharmacy – An Introduction to the profession, by Michael Posey, American Pharmacist Association.
5	Pharmaceutical Care, by Calvin H. Knowlton, Richard P. Penna, American Society of Health-System Pharmacists.
6	Developing Clinical Practice Skills for Pharmacists, Kimberly A. Galt, American Society of Health-System Pharmacists.
7	Handbook of Clinical Pharmacy, by A.V. Yadav, B.V. Yadav, T.I. Shaik, Nirali Prakashan publication.
8	Community Pharmacy, 2011. Available at http://www.slideshare.net/Vickysoni11/community-pharmacy-42161972
9	Pharmacy and Medicine Management, Available at http://www.provide.org.uk/pharmacy-medicine-management/

Ninth. The instructor's policy of dealing with students within the framework of the university laws, regulations, and guidelines (examples and prototypes).

1	Late attendance: Over 10 min delays will be considered absent.
2	Cheating and plagiarism: University rules will be applied.
3	Absences: University rules will be applied.
4	Late work policy: 5% of the activity mark will be reduced for each day delay.
5	Exiting during the lecture period: Allowed after permission.
6	Seating and student placement in the classrooms: Allowed any place in the lecture room.
7	Absence from an exam: University rules will be applied.
8	Mobile phone use in the classroom: The student will be considered absent.
9	Eating and drinking: Prohibited