

فئجبل من أوردن العربب بامعة للعربب

Faculty : Pharmacy
Department: Clinical Pharmacy and Therapeutics
Academic Year: 2018/2019
Semester : Second

(Course Syllabus)

Subject Name	Credit Hours	Course No.	Prerequisite	Concurrent course
Selected topics in therapeutics	3	906500	Clinical Pharmacy & Therapeutic II. 906512	-----

Coordinator Name	Lecturer/s	Room No.	E-mail	Course website	Office Hours
MS.c Rajaa Dagash	MS.c Rajaa Dagash	4205	r_dagash@asu.edu.jo	http://bio.asu.edu.jo/bio/index.jsp	As shown on individual lecturer time table

Course Description:

The course is designed to give the pharmacy students the knowledge and skills to successfully manage the treatment of patients in the clinical pharmacy setting.

Course objectives:

1. The students should be able to describe the clinical manifestations of selected common problems during pregnancy, gestational diabetes, gestational hypertension, polycystic ovary syndrome, common pediatric illnesses, viral hepatitis, obesity, and palliative care and their treatment.
2. The students should be able to understand the clinical aspects of medication use.
3. The students should be able to recommend the most appropriate pharmacological and non-pharmacological treatment for a selected patient

Intended Learning Outcomes:

Following the successful completion of this course, the student should be able to:

A. Knowledge and understanding:



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A1. Identify the clinical manifestations, complications, goals of pharmacotherapy, patient education of of the covered disease conditions.

A2. Identify drug-related problems, clinically significant side effects, interactions, and contraindication to medications used in the treatment of selected disorders.

B. Subject specific skills:

B1. Evaluate and solve drug-related and patient-related problems.

B2. Design rational pharmacotherapy regimen according to the patient specific condition.

B3. Apply learned information in providing appropriate patient counseling.

C. Cognitive and Intellectual skills:

C1. Design appropriate pharmacologic and non-pharmacologic plans for selected diseases

D. Transferable Skills:

D1. Provide information related to diseases and their management through browsing the internet professional sites

D2. Collect and interpret information from medical guidelines

Teaching and Learning Methods:

Development of ILOs is promoted through the following <u>teaching and learning methods:</u>		
ILOs	Learning Methods	Evaluation Methods
A1,A2,B1 ,C1,D1,D2	Lectures	Multiple choice, written exams
A1,,B1,B2,B3,C1,D1,D2	Brochure	Brochure and students discussion

Course Content:

Week	Date	Lecture number	Topic's Details	Exams / quizzes / holidays	Main Reference (chapter)	ILOs achieved
1	24/2/2019	3 hours	Pregnancy Nutrition in pregnancy		R6 R2 chapter(1)	A1,A2,B1,C1,D1
2	3/3/2019	3 hours	Nausea and Vomiting treatment in Pregnancy		R1 chapter(2.4)	A1,A2,B1,C1,D1,D2



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			Analgesics/ Pain Relievers in Pregnancy and lactation		R1 chapter(2.1)	
3	10/3/2019	3 hours	Allergic Rhinitis , Allergy, Cold and Cough Preparations in Pregnancy and lactation		R1 chapter(2.1)	A1,A2,B1,C 1,D1,D2
4	17/3/2019	3 hours	(GERD)/ Heartburn, Constipation, Diarrhea in Pregnancy and lactation		(R1 chapter(2.5)	A1,,B1,C1,D 1,D2
5	24/3/2019	3 hours	Anti-infective Agents in Pregnancy		R1 chapter(2.6)	A1,A2,B1,C 1,D1,D2
6						
6	31/3/2019	3 hours	Gestational diabetes, Hypertension in pregnancy		(R1 chapter(2.15) (R1 chapter(2.8)	A1,A2,B1,C 1,D1,D2
7	7/4/2019	3 hours	Polycystic Ovary Syndrome		R5	A1,A2,B1,C 1,D1,D2
8	14/4/2019	3 hours	Common Pediatric Illnesses		R3 chapter(99)	A1,A2,B1,C 1,D1,D2
9	21/4/2019	3 hours	Obesity		R2 chapter (58)	A1,A2,B1,C 1,D1,D2
10	28/4/2019	3 hours	Influenza		R2 chapter 41	A1,A2,B1,C 1,D1,D2
11						
11,12	5/5/2019 12/5/2019	6 hours	Pain management		Ref (4) Chapter55	A1,A2,B1,C 1,D1,D2
13,14	19/5/2019 26/5/2019	6 hours	Brochures discussion			A1,A2, B2,B3,C1,D 1,D2
15/16						

Grade Distribution:

Your course grade will be determined by the following:

Assessment Method	% of Final Grade	Due Date
First exam	20	To be announced
Second exam	20	To be announced
Assignment (Brochures)	10	To be announced



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Final exam	50	To be announced
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* Provisional dates are scheduled in the course schedule. Each instructor will announce the exact date for the quizzes of each section at the beginning of the semester.

Distribution of examination material (may vary depending on material included):

Example:

Course Policies:

A- Attendance policies:

Attendance: Mandatory.

First warning – with 6 absences

Last warning – with 8 absences

Failing in the subject – with 10 absences

B- Absences from exams and handing in assignments on time:

Will result in zero achievement unless health report or other significant excuse is documented.

C- Health and safety procedures: NA

D- Honesty policy regarding cheating, plagiarism, misbehavior:

The participation, the commitment of cheating will lead to applying all following penalties together

1. Failing the subject he/she cheated at
2. Failing the other subjects taken in the same course
3. Not allowed to register for the next semester. The summer semester is not considered as a semester

E- Grading policy:

Exams and Quizzes.

First Exam: 20 points

Second exam 20 points

Assignment (Brochures) 10 points

Final Exam: 50 points

Total: 100 points

F- Available university services that support achievement in the course:

Classrooms, internet classes, ASU online web site (messages, assignment, and notes)

24. Required equipment:

Make-up Exam Policy:

Make-up exams will be offered for valid reasons. They may be different from regular exams, both in content and format.

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Textbooks information:

Main Reference:

1. Drugs During Pregnancy and Lactation, 3rd edition (2015), Authors: Christof Schaefer, Paul Peters, and Richard K. Miller
2. Pharmacotherapy Handbook, 9th edition (2015). Authors: Joseph T. DiPiro, Terry L. Schwinghammer, Cecily V. DiPiro
3. Hand book of Applied therapeutics, 9th edition (2015). Author: Burgunda Sweet
4. Pharmacotherapy: A Pathophysiologic Approach, by Joseph T. DiPiro, Robert L. Talbert, Gary C. Yee, Gary R. Matzke, Barbara G. Wells, L. Michael Posey 9e (online version- access pharmacy)
5. Diagnosis And Treatment Of Polycystic Ovary Syndrome, Tracy Williams, Md, Rami Mortada, Md, Samuel Porter, Md. Am Fam Physician. 2016;94(2):106-113.

Other References:

6. The Normal Menstrual Cycle and the Control of Ovulation (2015), Authors: Beverly G Reed, MD and Bruce R Carr, MD. (online- www.endotext.org)

Additional information:

No side talks during lecture

No mobile phones during lecture

Entering the lecture theatre after the instructor is not permitted.

Homework should be done by students independently and will be asked at the exams

Course Material and Announcements

Students need to use the e-learning page at the ASU website in order to get all lecture handouts and guideline; which will be uploaded there.

In addition, course related announcements and exam results will be posted on the ASU online AND/OR course website and is the responsibility of each student to check the sites regularly.

Name of Course Coordinator: MS. c-Rajaa Dagash Signature:  Date: 26/2/2019

Head of curriculum committee:  Signature: 

Head of Department: _____ Signature: _____

Dean: _____ Signature: _____

Copy to:
Head of Department
Head of curriculum committee
Course File