



Department	Pharmacy
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Course Name	Clinical Pharmacy Lab-2- (hospital)	Course No.	201534
Prerequisite	Clinical Pharmacy Lab-1- (clinical cases)	Credit Hours	1
Number & date of course plan approval		Brief Description	See form QF02/0409

<b>Intended Learning Outcomes</b>	Students will have one class per week in the hospital. During the first two weeks, the instructor will introduce the principles of clinical pharmacy and pharmaceutical care, introduction to the pharmacist care practice manual and training to use the manual by using a real case. Procedures for the use of patient's medical record and filling in the patient data base in addition to preparation and presentation of clinical cases will be presented., the instructor will review and discuss case studies related to main disease states including cardiovascular, respiratory, GI and DVT by addressing the pharmacological aspects for the therapeutic strategies in the management of common disease states. The following weeks include rounds inside the hospital for different disease states (according to the available cases), an oral discussion and case analysis for each group to be performed after each round followed by filling the manuals designed specifically to be completed by the students
<b>Course Topics</b>	<ul style="list-style-type: none"> <li>- Pharmaceutical care/definition and applications</li> <li>- Patient care process: assessment, care plan, evaluation</li> <li>- Patient interviewing skills</li> <li>- Drug Therapy Problems (DTP)</li> <li>- Workshop on Drug Therapy Problems</li> <li>- Data collection from medical files</li> <li>- Manual and SOAP format completing</li> <li>- Hospital round (1) + patient interviewing</li> <li>- short case discussion</li> <li>- Oral discussion and comprehensive analysis of case (1)</li> <li>- filling the manual</li> <li>- Hospital round (2) + patient interviewing</li> <li>- short case discussion</li> <li>- Oral discussion and comprehensive analysis of case (2)</li> <li>- filling the manual</li> <li>- Hospital round (3) + patient interviewing</li> <li>- short case discussion</li> <li>- Oral discussion and comprehensive analysis of case (3)</li> <li>- filling the manual</li> <li>- Hospital round (4) + patient interviewing</li> <li>- short case discussion</li> <li>- Oral discussion and comprehensive analysis of case (4)</li> <li>- filling the manual</li> <li>- Hospital round (5) + patient interviewing</li> <li>- short case discussion</li> <li>- Oral discussion and comprehensive analysis of case (5)</li> <li>- filling the manual</li> <li>- Seminars (students make seminar from one of the completed 5 cases)</li> </ul>
<b>Text Books</b>	<ol style="list-style-type: none"> <li>1. Pharmacotherapy-A Pathophysiologic Approach, by Joseph DiPiro, 9<sup>th</sup> edition</li> <li>2. Applied therapeutics: the clinical use of drugs by Koda-Kimble, 10<sup>th</sup> edition</li> <li>3. Clinical pharmacy and Therapeutics, by Roger Walker and Clive Edwards, 3<sup>rd</sup> edition.</li> <li>4. Pharmacotherapy principles and practice, Christopher M. Terpening, 2010</li> <li>5. Drugs in Use: Clinical Case Studies for Pharmacists, <u>Dodds</u> and <u>Linda J. Dodds</u>, 3<sup>rd</sup> edition</li> </ol>



<b>References</b>	See above			
<b>Grade Determination</b>	1 <sup>st</sup> Exam = 25% 2 <sup>nd</sup> Exam = 25% Final Exam = 50%	<b>Practical Course Grade Determination</b>	Course Work = 50% (Reports, Term Papers, Quizzes) Final Exam = 50%	
<b>Course Outline</b>				
<b>Week</b>	<b>Hours</b>	<b>Subjects</b>	<b>Chapters in Textbook</b>	<b>Notes</b>
1		- Pharmaceutical care/definition and applications - Patient care process: assessment, care plan, evaluation	Pharmacotherapy-A Pathophysiologic Approach	
2		- Patient interviewing skills - Drug Therapy Problems (DTP)	Pharmacotherapy-A Pathophysiologic Approach	
3		- Workshop on Drug Therapy Problems - Data collection from medical files - Manual and SOAP format completing	Pharmacotherapy-A Pathophysiologic Approach + Pharmacotherapy principles and practice	
4		- Hospital round (1) + patient interviewing - short case discussion	Pharmacotherapy-A Pathophysiologic Approach+ Pharmacotherapy principles and practice	
5		- Oral discussion and comprehensive analysis of case (1) - filling the manual	Pharmacotherapy-A Pathophysiologic Approach+ Pharmacotherapy principles and practice	
6		- Hospital round (2) + patient interviewing - short case discussion	Pharmacotherapy-A Pathophysiologic Approach	
7		- Oral discussion and comprehensive analysis of case (2) - filling the manual	Pharmacotherapy-A Pathophysiologic Approach+ Pharmacotherapy principles and practice	



Course Outline				
Week	Hours	Subjects	Chapters in Textbook	Notes
8		- Hospital round (3) + patient interviewing - short case discussion	Pharmacotherapy-A Pathophysiologic Approach+ Pharmacotherapy principles and practice	
9		- Oral discussion and comprehensive analysis of case (3) - filling the manual	Pharmacotherapy-A Pathophysiologic Approach+ Pharmacotherapy principles and practice	
10		- Hospital round (4) + patient interviewing - short case discussion	Pharmacotherapy-A Pathophysiologic Approach	
11		- Oral discussion and comprehensive analysis of case (4) - filling the manual	Pharmacotherapy-A Pathophysiologic Approach	
12		- Hospital round (5) + patient interviewing - short case discussion	Pharmacotherapy-A Pathophysiologic Approach	
13		- Oral discussion and comprehensive analysis of case (5) - filling the manual	Pharmacotherapy-A Pathophysiologic Approach	
14		Seminars	Pharmacotherapy-A Pathophysiologic Approach	
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Approved by Dept. Chair		Date of Approval	
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**Extra Information:** (Updated every semester and filled by course instructor)

<b>Course Instructor</b>	
<b>Office No.</b>	
<b>Extension Email</b>	
<b>Office hours</b>	