

Fresno City College

MA 2 Pharmacology Syllabus

Course Description:

The primary goal of this class is to assist you in the mathematical concepts needed to calculate a patient's medication dosage correctly combined with a detailed explanation of topics essential to understanding drug sources, legislation relating to drugs, drug reference and classification, actions and administration of drugs.

Course Objective:

Upon completion of this course the student will be able to:

1. Demonstrate conversion between household measures, metric measures and apothecary measures.
2. Compare and contrast oral and parenteral routes of drug administration
3. Demonstrate calculation of adult and child dosages by the proportional or formula method
4. Define the Controlled Substances Schedule
5. Discuss the legal and ethical considerations for the administration of drugs
6. Describe proper technique for parenteral injections by written assignment

Course Information:

1. MA 2: Section 26545 2016F 08/15 -12/16/2016
2. Instructor: Constance Mollo: constance.mollo@fresnocitycollege.edu Note e-mail is the best way to contact instructor. A message may be left in the Health Science Office 559-224-2643.
3. Textbook: **Focus on Pharmacology**, Essentials for Health Professionals; Author Jahangir Moini; Second Edition: Publisher Pearson Prentice Hall: **ISBN 13: 978-0-13-249966-B**. Note: Textbook may be purchased or rented from the FCC bookstore or any other vendor. A copy of textbook is available in the library as well.
4. Assistance with Canvas (not Web Advisor) is provided 24/7. Click on "?" on left side menu in the course or by calling 1-844-303-0348 (SCCCD Canvas Support)
5. This course is totally on-line.

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Policies

Class Policy	Information
Computer Requirements & Tips	<p>You must have access to a computer to take this class. Below are what I consider the <u>minimum</u> requirements needed. They ensure that you can participate and use any software that may be required.</p> <ul style="list-style-type: none">• Internet Connection (Preferably DSL or Cable)• Pentium III 800 MHz Processor• Windows XP or higher• 1GB RAM• 10 GB Free Disk Space• Internet Explorer 8 or above• CD ROM drive for install• Sound Card and Speakers• Microphone (for Speech Input) <p>Although a Mac should work for most all assignments, be advised that we will be using Microsoft Office. I expect submitted work to me be in Microsoft Word format; pdf or rtf for documents; unless otherwise specified or approved. I would prefer you have Office 2007 or later. If you do not have it already, it can be purchased at book store for a reasonable price.</p>
E-mail Accounts	<p>All course e-mail will be sent to your preferred established notification preferences that you have set up in Canvas. Information for acquiring an e-mail account or problems with e-mail can be resolved through "student e-mail" located under "Quick Links" of home page. Follow directions and numbers given..</p>
Current Address	<p>You must assure that Admissions and Records has your current e-mail, postal address, and telephone number.</p>
Course / instructor policies	<ul style="list-style-type: none">• This is a college level course and it is expected that students use proper grammar and correct spelling when completing assignments and participating in discussions. Text messaging spelling will not be accepted.• Students are expected to complete all assignments on time.• Students are expected to participate fully in all class discussions.• Students are expected to identify additional sources of information via the internet.• Late work will be accepted only with prior instructor consent.• Students will be expected to adhere to standards of academic honesty. Plagiarism will not be tolerated.

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Students with Special needs:

1. Students with disabilities that affect their ability to fully participate in the course or who require special accommodations are encouraged to advise the instructor in advance to ensure materials are accessible to their specific needs.
2. Contact Disabled Student Program and Services (DSP &S) located on campus in the Students Services building or by phone: 559-442-8237 (voice /TDD)
3. Student must meet with a counselor to be evaluated.
4. Evaluation form from DSP&S counselor must be sent to the instructor. Note my mailbox is in the Health Science office.
5. This evaluation and documentation is due at the beginning of the course.

Grading Scale

A	B	C	D
100 -90 %	80 -89 %	70 – 79 %	60 -69 %

Method of Evaluation

Although each assignment has set points possible; each category of assignment carries a weighted percentage. For instance midterm and final = 160 possible points; however the 160 points is 35% of overall grade. Grade is dependent on overall percentage at end of the class.

Discussion Board	Chapter Quizzes	Assignments	Midterm / Final
25%	15%	25%	35%

Class Assignment Schedule:

Table 1 Course Assignments

Week	Textbook Chapter	Assignments	Due
1 08/15 – 08/21 NOTE: Assignments are added on Monday morning 0800 and are due at 1159 pm the following Sunday of every week unless noted otherwise.	Chapter 1	1. On-line orientation and discussion. 2. Get Acquainted DB. 3. Chapter 1 DB NOTE DB = Discussion Board	Check into the class by Friday of first week. Assignments 1,2 and 3 due Sunday 08/21 @ 1159 pm
2	Chapters 2 , 3	Discussion Board	All assignments due Sunday @ 1159
3	Chapters 4,5	1. Quiz chap 1,2,3 2. DB	All assignments due Sunday @ 1159
4	Chapter 6, 7	1. Basic Math Sheet 2. DB	All assignments due Sunday @ 1159
5	Chapter 8	1. Quiz 4,6,7 2. DB 8	All assignments due Sunday @ 1159

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6	Chapter 9	<ol style="list-style-type: none"> 1. Dosage sheet 2. DB 	<p>All assignments due Sunday @ 1159.</p> <p>Dosage Sheet is not an optional assignment. Must be completed on due date.</p>
7	Chapter 10, 11	<ol style="list-style-type: none"> 1. Quiz 8,9 2. DB 10,11 3. Dose calc sheet by wt. 	All assignments due Sunday @ 1159
8	Chapter 12, 13	<ol style="list-style-type: none"> 1. Quiz 10,11 2. DB 	All assignments due Sunday @ 1159
9	MID-TERM	<ol style="list-style-type: none"> 1. Exam All chapters covered 	All assignments due Sunday @ 1159
10	Chapters 14, 15, 16	<ol style="list-style-type: none"> 1. DB 2. Dosage Calculation Sheet 3. Review documents for Parenteral Injection Paper. 	All assignments due Sunday @ 1159
11	Chapter 17 , 18	<ol style="list-style-type: none"> 1. Quiz 14, 15, 16 2. DB 3. Dosage Sheet 	All assignments due Sunday @ 1159
12	Chapter 19 ,21 Skip 20	<ol style="list-style-type: none"> 1. Quiz 17, 18 2. DB 3. Dosage Sheet 	<p>All assignments due Sunday @ 1159</p> <p>DB</p>
13	Chapter 22,23	<ol style="list-style-type: none"> 1. Quiz 19, 21 2. DB 3. Dosage sheet 	All assignments due Sunday @ 1159
14	Chapter 24,25	<ol style="list-style-type: none"> 1. 1. 2 Medication drug cards; Follow instructions given in Documents and Resources Module 2. Quiz 22 ,23 	All assignments due Sunday @ 1159
15	Chapter 27, 28	<ol style="list-style-type: none"> 1. Quiz 24, 25 2. DB 3. Dosage Sheet 	All assignments due Sunday @ 1159
16	Chapter 26, 29	<ol style="list-style-type: none"> 1. Quiz 27,28 2. DB 3. Parenteral Injection Paper. 	<p>All assignments due Sunday @ 1159</p> <p>Parenteral Injection Paper will be due next week check Documents and Resources Module.</p>

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17	Review and Catch up week	1. Quiz 26,29 2. Parenteral Injection paper.	All assignments due Sunday @ 1159
18	Final Exam Week	Final Dosage Sheet Final Exam 100 questions comprehensive.	NOTE: All final exam documents due by noon 12/16. NO EXCEPTIONS