

### Basic Course Information

Semester	<b>Fall 2014</b>	Instructor Name	<b>Cynthia Ramirez</b>
Course Title & #	<b>Pharmacy Technician Body Systems I</b>	Email	<b>ms.ramirez81@gmail.com</b>
CRN #	<b>10653</b>	Webpage (optional)	
Room	<b>2131</b>	Deadline to drop with “W”	<b>November 8, 2014</b>
Class Dates	<b>08/18/14-12/13/14</b>		
Class Days	<b>Tuesday</b>		
Class Times	<b>06:30-09:40pm</b>	Office contact if student will be out or emergency	<b>Department Secretary is an option</b>
Units	<b>3.0</b>		

### Course Description

This course explores the anatomy, pathophysiology, and related pharmacology treatments for diseases and conditions of the respiratory, cardiovascular, renal, integumentary, reproductive and immune systems. The classification and indication for generic and trade name medications for these systems will be explored. Accurate use of medical vocabulary and descriptive terms is expected. (CSU)

### Student Learning Outcomes

- Outcome 1: correctly identify the drug classifications for a typical patient with respiratory diseases. (ILO2, ILO4)
- Outcome 2: identify common medications used in the treatment of cardiovascular system conditions. (ILO2, ILO4)
- Outcome 3: relate human body anatomy and physiology to conditions involving the immune system and related medications.(ILO 1, ILO 2)

### Course Objectives

**Required language:** Use from CurricUNET <http://www.curricunet.com/Imperial/>

### Textbooks & Other Resources or Links

1. Pharmacology for Pharmacy Technicians 5 Ed. Ballington, D.A, Laughlin, M.M. 2013 Paradigm ISBN: 978-0-76385-233-7
2. Index Cards 100

### Course Requirements and Instructional Methods

#### Out of Class Assignments:

Complete assigned reading on anatomy, physiology, pathology, and pharmacology dealing with the integumentary system, respiratory, cardiovascular, renal, and reproductive system. Search for website that is informative and confirms what was in your assigned reading. In your own words, summarize the information in a single page typed report and add the link, URL, or screenshot of the homepage of the website you used to confirm the information.

#### Reading and Writing:

Compose a 1 page typed report, with 3 resources/references on 1 common disorder of the integumentary system, respiratory, cardiovascular, renal, and reproductive system with 2 common drugs used to treat the

condition and the common side effects of the drugs used. Cite your resources/references and ensure the paper is in your own words.

### Course Grading Based on Course Objectives

**Assignments Schedule:** Assignments will be given weekly and are due the following class meeting. All assignments will be collected at the beginning of the class for full credit. All late assignments turned in will be graded at a reduced rate, approximately ½ of full credit. If you are absent for a class meeting, your assignments are immediately due the following class meeting along with any work scheduled to be turned in that day. There will be a research paper for this class with the following requirements: 5 pages, 1 title page, 1 reference page with no less than 3 resources, Font: Times New Roman, size: 12. Research paper will be on a disease covering the topics for this semester (more to follow).

**Grading Schedule:** The following grading schedule will be used in this course:

- 90% - Above = A
- 80% - 89% = B
- 70% - 79% = C
- 60% - 69% = D
- 59% - Below = F

### Attendance

- A student who fails to attend the first meeting of a class or does not complete the first mandatory activity of an online class will be dropped by the instructor as of the first official meeting of that class. Should readmission be desired, the student's status will be the same as that of any other student who desires to add a class. It is the student's responsibility to drop or officially withdraw from the class. See General Catalog for details.
- Regular attendance in all classes is expected of all students. A student whose continuous, unexcused absences exceed the number of hours the class is scheduled to meet per week may be dropped. For online courses, students who fail to complete required activities for two consecutive weeks may be considered to have excessive absences and may be dropped.
- Absences attributed to the representation of the college at officially approved events (conferences, contests, and field trips) will be counted as 'excused' absences.

### Classroom Etiquette

- Electronic Devices: Cell phones and electronic devices must be turned off and put away during class unless otherwise directed by the instructor.
- Food and Drink are prohibited in all classrooms. Water bottles with lids/caps are the only exception. Additional restrictions will apply in labs. Please comply as directed.
- Disruptive Students: Students who disrupt or interfere with a class may be sent out of the room and told to meet with the Campus Disciplinary Officer before returning to continue with coursework. Disciplinary procedures will be followed as outlined in the General Catalog.
- Children in the classroom: Due to college rules and state laws, no one who is not enrolled in the class may attend, including children.

### Academic Honesty

- Plagiarism is to take and present as one's own the writings or ideas of others, without citing the source. You should understand the concept of plagiarism and keep it in mind when taking exams and preparing written materials. If you do not understand how to correctly 'cite a source', you must ask for help.
- Cheating is defined as fraud, deceit, or dishonesty in an academic assignment or using or attempting to use materials, or assisting others in using materials, or assisting others in using materials, which are prohibited or inappropriate in the context of the academic assignment in question. Anyone caught cheating will receive a zero (0) on the exam or assignment and the instructor may report the incident to the Campus Disciplinary Officer, who may place related documentation in a file. Repeated acts of cheating may result in an F in the course and/or disciplinary action. Please refer to the General School Catalog for more information on academic dishonesty or other misconduct. Acts of cheating include, but are not limited to the following:
  - plagiarism
  - copying or attempting to copy from others during an examination or on an assignment;
  - communicating test information with another person during an examination;
  - allowing others to do an assignment or portion of an assignment
  - use of a commercial term paper service

#### **Additional Help – Discretionary Section and Language**

- Blackboard support center: <http://bbcrm.edusupportcenter.com/ics/support/default.asp?deptID=8543>
- Library Services: There is more to our library than just books. You have access to tutors in the learning center, study rooms for small groups, and online access to a wealth of resources.

#### **Disabled Student Programs and Services (DSPS)**

**Required Language:** Any student with a documented disability who may need educational accommodations should notify the instructor or the Disabled Student Programs and Services (DSP&S) office as soon as possible. The DSP&S office is located in Building 2100, telephone 760-355-6312 if you feel you need to be evaluated for educational accommodations.

#### **Student Counseling and Health Services**

**Required Language:** Students have counseling and health services available, provided by the pre-paid Student Health Fee. We now also have a fulltime mental health counselor. For information see <http://www.imperial.edu/students/student-health-center/>. The IVC Student Health Center is located in the Health Science building in Room 2109, telephone 760-355-6310.

#### **Student Rights and Responsibilities**

**Required Language:** Students have the right to experience a positive learning environment and due process. For further information regarding student rights and responsibilities please refer to the IVC General Catalog available online at [http://www.imperial.edu/index.php?option=com\\_docman&task=doc\\_download&gid=4516&Itemid=762](http://www.imperial.edu/index.php?option=com_docman&task=doc_download&gid=4516&Itemid=762)

#### **Information Literacy**

**Required Language:** Imperial Valley College is dedicated to help students skillfully discover, evaluate, and use information from all sources. Students can access tutorials at <http://www.imperial.edu/courses-and-programs/divisions/arts-and-letters/library-department/info-lit-tutorials/>

Imperial Valley College Course Syllabus – AHP 120

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**Anticipated Class Schedule / Calendar**

<b>Date or Week</b>	<b>Activity, Assignment, and/or Topic</b>	<b>Pages/ Due Dates/Tests</b>
Week 1 August 19	Syllabus & Introduction	Pages 3-22 HW (1-10) DUE W-2
Week 2 August 26	Chapter 1 – Evolution of Medical Drugs	Pages 25-37 HW (1-10) DUE W-3
Week 3 September 4-6	Chapter 2 – Basic Concepts of Pharmacology	Pages 41-66 HW (1-10) DUE W-4
Week 4 September 9	Chapter 3 – Dispensing Medications	Pages 71-99 HW (1-10) DUE W-5
Week 5 September 16	Chapter 4 – Antibiotics	Pages 234-276 HW (1-10) DUE W-6
Week 6 September 23	Chapter 9 – Respiratory Drugs	Study!!
Week 7 September 30	Review for Mid-Term	STUDY!!!!
Week 8 October 7	Mid-Term	Pages 625-629 HW DUE W-9
Week 9 October 14	Appendix C & D	Search Topic Bring Brainstorm DUE W-10
Week 10 October 21	Research Paper	Pages 325-346 HW 1-10 DUE W-11
Week 11 October 28	Chapter 11 – Renal System	Pages 351-404 HW 1-10 DUE W-12
Week 12 November 4	Chapter 12 – Drugs for Cardiovascular Disease	Pages 437-479 HW 1-10 DUE W-13
Week 13 November 11	Chapter 14 – Hormonal Disorders and Their Treatments	Pages 539 – 576 HW 1-10 DUE W-14
Week 14 November 18	Chapter 16 – Recombinant Drug and Chemotherapy	Finish Research Paper DUE W-16
Week 15 November 25	No School Have a Safe Thanksgiving	Research Paper DUE W-16
Week 16 December 2	Review for FINAL	Study!!!
Week 17 December 9	FINAL EXAM	