

Basic Course Information

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| Semester: | Fall 2016 | Instructor Name: | Ms. Ramirez |
| Course Title & #: | Pharmacy Technician Body Systems 1- PHT 120 | Email: | ms.ramirez81@gmail.com |
| CRN #: | 10849 | Last day to Drop With "W": | 05 NOV 2016 |
| Classroom: | 2150 | Office #: | 2155 |
| Class Dates: | 15 AUG 2016 – 9 DEC 2016 | Office Hours: | 6:00pm |
| Class Days: | Tuesday | Office Phone #: | 760-355-6468 |
| Class Times: | 630-940pm | Emergency Contact: | Dolores Hartfield |
| Units: | 3.0 | | |

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

Upon course completion, the successful student will have acquired new skills, knowledge, and or attitudes as demonstrated by being able to:

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

Course Objectives

Upon satisfactory completion of the course, students will be able to:

1. Identify medical terminology associated with the respiratory system.
2. Describe the normal anatomy/physiology related to the respiratory system.
3. Discuss the common diseases/conditions and pathology of the respiratory system.
4. List the classifications and indication for each drug (generic and trade name) related to treatment of respiratory diseases or conditions.
5. Discuss the common side effect of drugs used to treat diseases and/or conditions of the respiratory system.
6. Identify medical terminology associated with the cardiovascular system.
7. Describe the normal anatomy/physiology related to the cardiovascular system.
8. Discuss the common diseases/conditions and pathology of the cardiovascular system.
9. List the classifications and indication for each drug (generic and trade name) related to treatment of

cardiovascular diseases or conditions.

10. Discuss the common side effects of drugs used to treat diseases and/or conditions of the cardiovascular system.

11. Identify medical terminology associated with the renal system.

12. Describe the normal anatomy/physiology related to the renal system.

13. Discuss the common diseases/conditions and pathology of the renal system.

14. List the classifications and indication for each drug (generic and trade name) related to treatment of renal diseases or conditions.

15. Discuss the common side effects of drugs used to treat diseases and/or conditions of the renal system.

16. Identify medical terminology associated with the integumentary system.

17. Describe the normal anatomy/physiology related to the integumentary system.

18. Discuss the common diseases/conditions and pathology of the integumentary system.

19. List the classifications and indication for each drug (generic and trade name) related to treatment of integumentary diseases or conditions.

20. Discuss the common side effects of drugs used to treat diseases and/or conditions of the integumentary system.

21. Identify medical terminology associated with the reproductive system.

22. Describe the normal anatomy/physiology related to the reproductive system.

23. List the common diseases/conditions and pathology of the reproductive disorders.

24. List the classifications and indications for drugs (generic and trade name) related to treatment of reproductive disorders.

25. Discuss the common side effects of drugs used to treat diseases and/or conditions of the reproductive system.

26. Identify medical terminology associated with the immune system.

27. Describe the normal anatomy/physiology related to the immune system.

28. List the common diseases/conditions and pathology related to the immune system.

29. List the classification and indications for drugs (generic and trade name) related to treatment of the immune system.

30. Discuss the common side effects of drugs used to treat diseases an/or conditions of the immune system.

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

You will be graded on the following areas in this class: Homework, Quizzes, Tests, Classroom Participation, and Extra Credit.

- You will have weekly assigned reading. You will complete assigned homework via Blackboard and/or Canvas. Each assignment in due before class starts. **No late homework will be accepted.**
- You will have weekly quizzes based on assigned reading. If you are absent you must bring doctors note in order to make-up quizzes, you will be allowed to make up quiz the day you come back not the following week so come prepared to take missed exam along with current assigned work.

- You will have two exams: Mid-Term and Final. No make-ups are allowed.
- 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).
- 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.
- 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

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 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.
- 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 by the instructor.
- 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

Academic honesty in the advancement of knowledge requires that all students and instructors respect the integrity of one another's work and recognize the important of acknowledging and safeguarding intellectual property.

There are many different forms of academic dishonesty. The following kinds of honesty violations and their definitions are not meant to be exhaustive. Rather, they are intended to serve as examples of unacceptable academic conduct.

- **Plagiarism** is taking and presenting 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 "cite a source" correctly, 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 that are prohibited or inappropriate in the context of the academic assignment in question.

Anyone caught cheating or plagiarizing 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 Catalog](#) for more information on academic dishonesty or other misconduct. Acts of cheating include, but are not limited to, the following: (a) plagiarism; (b) copying or attempting to copy from others during an examination or on an assignment; (c) communicating test information with another person during an examination; (d) allowing others to do an assignment or portion of an assignment; (e) using a commercial term paper service.

Additional Student Services

Imperial Valley College offers various services in support of student success. The following are some of the services available for students. Please speak to your instructor about additional services which may be available.

- **Blackboard Support Site.** The Blackboard Support Site provides a variety of support channels available to students 24 hours per day.
- **Learning Services.** There are several learning labs on campus to assist students through the use of computers and tutors. Please consult your [Campus Map](#) for the [Math Lab](#); [Reading, Writing & Language Labs](#); and the [Study Skills Center](#).
- **Library Services.** There is more to our library than just books. You have access to tutors in the [Study Skills Center](#), study rooms for small groups, and online access to a wealth of resources.

Disabled Student Programs and Services (DSPS)

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 760-355-6313. Please contact them if you feel you need to be evaluated for educational accommodations.

Student Counseling and Health Services

Students have counseling and health services available, provided by the pre-paid Student Health Fee.

- **Student Health Center.** A Student Health Nurse is available on campus. In addition, Pioneers Memorial Healthcare District provide basic health services for students, such as first aid and care for minor illnesses. Contact the IVC [Student Health Center](#) at 760-355-6128 in Room 1536 for more information.
- **Mental Health Counseling Services.** Short-term individual, couples, family, and group therapy are provided to currently enrolled students. Contact the IVC [Mental Health Counseling Services](#) at 760-355-6196 in Room 2109 for more information.

Student Rights and Responsibilities

Students have the right to experience a positive learning environment and to due process of law. For more information regarding student rights and responsibilities, please refer to the IVC [General Catalog](#).

Information Literacy

Imperial Valley College is dedicated to helping students skillfully discover, evaluate, and use information from all sources. The IVC [Library Department](#) provides numerous [Information Literacy Tutorials](#) to assist students in this endeavor.

Anticipated Class Schedule/Calendar

| Date or Week | Activity, Assignment, and/or Topic | Pages/ Due Dates/Tests |
|------------------------|--|--|
| Week 1 August 16 | Syllabus & Introduction | p. 3-24 HW (1-10) DUE 8/23 |
| Week 2 August 23 | Chapter 1 – Evolution of Medical Drugs | p. 25-40 HW (1-10) DUE 8/30 |
| Week 3 August 30 | Chapter 2 – Basic Concepts of Pharmacology | p. 41-68 HW (1-10) DUE 9/6 |
| Week 4 September 6 | Chapter 3 – Dispensing Medications | p. 69 -102 HW (1-10) DUE 9/13 |
| Week 5 September 13 | Chapter 4 – Antibiotics | Start looking for topic for research paper |
| Week 6 September 20 | Research Paper | Submit 2 pages typed of Research paper DUE 9/27 |
| Week 7 September 27 | Review for Mid-Term | STUDY!!!! Chapters 1 – 4 |
| Week 8 October 4 | Mid-Term | Reading on Blackboard/Canvas complete assignment DUE 10/11 |
| Week 9 October 11 | Integumentary System | p. 235-278 HW (1-10) DUE 10/18 |
| Week 10 October 18 | Chapter 9 – Respiratory Drugs | p. 325-350 HW 1-10 DUE 10/22 |
| Week 11 October 22 | Chapter 11 – Renal System | p. 351-406 HW 1-10 DUE 11/01 |

Imperial Valley College Course Syllabus – **PHT 120 Pharmacy Technician Body Systems 1**

| Date or Week | Activity, Assignment, and/or Topic | Pages/ Due Dates/Tests |
|------------------------|--|---|
| Week 12 November 1 | Chapter 12 – Drugs for Cardiovascular Disease | p. 442-461 HW BB/CANVAS DUE 11/08 |
| Week 13 November 8 | Chapter 14 – Hormonal Disorders and Their Treatments | Have someone proof read research paper bring to class DUE 11/15 |
| Week 14 November 15 | Research Paper | Final Draft DUE 11/29 |
| Week 15 November 22 | Happy Thanksgiving | |
| Week 16 November 29 | Review For Final Exam | STUDY STUDY |
| Week 17 December 6 | Final Exam | Relax and hope to see you next semester ☺ |

*****Tentative, subject to change without prior notice*****