Health Occupations Core Curriculum

PHARMACOLOGY FOR HEALTH PROFESSIONS
COURSE SYLLABUS
HPRS 2300

All students must wear their ECC Picture ID Badge. It should be worn on the upper part of the body where it is clearly seen. Program uniforms do not replace the college ID requirement. Students who do not have a college ID will not be permitted in class, after the 12th class day.

Course Description:
This course includes a study of drug classifications, actions, therapeutic uses, adverse effects, routes of administration, and calculation of dosages.

Credit Hours: 3 Lecture

THECB INFORMATION
End-of-Course Outcomes:
By the end of this course, the student will be able to categorize the classification of drugs; calculate drug dosages; and identify the therapeutic use, routes of administration, indications, contraindications and adverse effects.

Student Learning Outcomes/SLO
Upon successful completion of HPRS 2300, students will be able to:

1. Discuss drug treatment and medication administration for patients with varied medical diagnoses
2. Discuss properties, effects, and principles underlying the use and administration of pharmacotherapeutic agents
3. Describe the safe administration of medications following established protocols
4. Identify adverse reactions that may result from drug therapy
5. Identify interventions related to drug therapy and medication administration.
6. Explain the healthcare worker’s role in monitoring client’s responses to medication.
7. Describe the healthcare worker’s responsibility to report clients’ responses to medications to appropriate health care professionals.

COURSE MATERIALS
Textbook:
Focus on Pharmacology, 2nd Edition Moini, Pearson
ISBN-10: 0132499665

A student of El Centro College is not under any obligation to purchase a textbook from a university-affiliated bookstore. The same textbook may also be available from an independent retailer, including an online retailer (THECB TAC Rule 4.218 (c)
**Major Course Requirements**
The students will be evaluated by postings on discussion boards, case studies, exams, quizzes and individual assignments. The student must complete all assigned materials and master the assignment with a cumulative score of at least 70% for minimal competency requirements.

**Subject Matter**
Topics covered in this course include:
Mechanisms, reactions, and utilization of vitamins, minerals, electrolytes, drugs and alternative therapies throughout the body systems for the promotion of health or palliative care.

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**HPRS 2300 Calendar**
NOTE: THIS SCHEDULE IS SUBJECT TO CHANGE AT INSTRUCTOR'S DISCRETION.

<table>
<thead>
<tr>
<th>WEEK</th>
<th>TOPICS</th>
<th>EXAMS</th>
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| Week 1 | • “My Experiences with Medications”  
• Online Testing Policy  
• Photo and short bio | |
| Week 2 | • Chapters 1, 2, 3, 4  
• Chapter Insight  
• Case Study and Drug Information Form (DIF): “Amanda” | |
| Week 3 | • Chapters 5, 6, 7, 8  
• Chapter Insight  
• Case Study and Drug Information Form (DIF): “Mr. Alldredge” | |
| Week 4 | • Chapters 9, 10, 11  
• Chapter Insight  
• Case Study and Drug Information Form (DIF): “Mike Turner” | EXAM #1 |
| Week 5 | • Chapters 12 and 13  
• Chapter Insight | |
| Week 6 | • Chapters 14 and 15  
• Chapter Insight (from only one of the chapters)  
• Case Study and Drug Information Form (DIF): “Jeffrey Smith” | |
| Week 7 | • Chapters 16 and 19  
• Chapter Insight  
• Case Study and Drug Information Form (DIF): “Ms. Garcia” | EXAM #2 |
| Week 8 | • Chapters 17 and 18  
• Chapter Insight  
• Case Study and Drug Information Form (DIF): “Mrs. Kirkpatrick” | |
| Week 9 | • Chapters 20, 29, 30  
• Chapter Insight | |
| Week 10 | • Chapters 21 and 23  
• Chapter Insight  
• Case Study and Drug Information Form (DIF): “Mr. Ralston” | EXAM #3 |
| Week 11 | • Chapters 22 and 24  
|         | • Chapter Insight  
|         | • Case Study and Drug Information Form (DIF): “Mr. Collins” |
| Week 12 | • Chapters 31, 32, 33  
|         | • Chapter Insight |
| Week 13 | • Chapter 25  
|         | • Chapter Insight  
|         | **EXAM #4** |
| Week 14 | • Chapter 26  
|         | • Chapter Insight  
|         | • Case Study and Drug Information Form (DIF): “Angela” |
| Week 15 | • Chapters 27 and 28  
|         | • Chapter Insight  
|         | • Case Study and Drug Information Form (DIF): “Ms. Murray” |
| Week 16 | **EXAM #5** |

**Disclaimer**
The provisions contained in this syllabus do not constitute a contract between the student and El Centro College. These provisions may be changed at the discretion of the Coordinator/Instructor. When necessary, appropriate notice of such changes will be given to the student.

Students will be notified of changes with eCampus Announcements. It is the student’s responsibility to check course eCampus Announcements frequently.

The instructor-of-record may provide additional information to enhance the course to meet the needs of the enrolled students, provided that the enhancements do not conflict with the official course syllabus.

**Policies and Student Handbook**
General Institutional policies and Course-Related Institutional policies are available on the college website. The Student Handbook is available from the Student Life Office and on the college website.

**DISABILITY SERVICES:** The **Office of Institutional Equity**, in coordination with DCCCD colleges, has the primary responsibility for reviewing, updating and implementing compliance policies and procedures. The Institutional Equity and Compliance Officer and the Office of Institutional Equity will ensure compliance with College District policies, federal and state laws related to sexual assault, Title IX, Title II (Americans with Disabilities Act) and the Military Veterans Full Employment Act to support diversity and inclusion.

Here is an additional link from OIE that lists a few resources
[https://www.dcccd.edu/SS/OnCampus/HealthWell/titleix/Pages/Resources.aspx](https://www.dcccd.edu/SS/OnCampus/HealthWell/titleix/Pages/Resources.aspx)

Students who feel that they may need assistance or accommodations due to a disability should contact the El Centro Disability Services Office in Room A095, phone (214) 860-2411, or go to the DSO webpage at:
[http://www.elcentrocollege.edu/students/disability-services](http://www.elcentrocollege.edu/students/disability-services)