HEALTH OCCUPATIONS CORE CURRICULUM
HPRS 2300
Pharmacology for Health Professions
Syllabus

Prerequisites:
SCIT 1407 or BIOL 2401 and/or approval of the HOCC Coordinator.

Course Description:
A study of drug classifications, actions, therapeutic uses, adverse effects, routes of administration, and calculation of dosages

Credit Hours: 2 lecture

THECB INFORMATION
End-of-Course Outcomes:
The student will categorize the classification of drugs; calculate drug dosages; and identify the therapeutic use, routes of administration, indications, and contraindications.

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.
Textbooks Required:
Focus on Pharmacology, 2nd ed E-book
Moini, Pearson

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

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.

IMMUNIZATION POLICY
More detailed information on this policy is available from the Health Occupations Admission Office. All students admitted to the El Centro Allied Health and Nursing programs must complete the following vaccination/screening tests and provide required documentation (immunization records, physician-validated history, or serologic confirmation):

Tuberculosis Screening: An intradermal PPD (Mantoux) "skin" test is required for all applicants. The PPD must be current within twelve (12) months of the applicant's anticipated entry into a health occupations program. When accepted to a health occupations program, a student must be current on the screening and repeat the PPD every twelve (12) months for the duration of his/her enrollment in the program.

If the PPD indicates a positive reaction, documentation must indicate the induration of the test site and the applicant must also obtain a chest x-ray verifying the absence of active disease. The chest x-ray must be current within one (1) year of program entry. The chest x-ray will then be valid for two (2) years while the student is enrolled in the program. Individuals who have received the BCG injection or who have a history of tuberculosis or a positive PPD result should obtain a chest x-ray rather than the PPD.

Immunizations: An applicant must have completed the following immunizations according to the indicated guidelines and schedules. Documentation of a titer (blood test) with specific lab values verifying immunity or seropositivity is also acceptable for Measles, Mumps, Rubella, Varicella, and Hepatitis B.

1. Measles – Two (2) doses of measles ("rubeolla") vaccine is required either in separate injections or in combination with mumps and rubella ("MMR"). Both measles immunizations must have been received after January 1, 1968. Individuals who were born prior to 01/01/57 are exempt from the measles immunization requirements.

2. Mumps – One (1) dose of mumps vaccine is required either in a separate injection or in combination with measles and rubella ("MMR"). Individuals who were born prior to 01/01/57 are exempt from the mumps immunization requirement.

3. Rubella – One (1) dose of rubella vaccine is required either in a separate injection or in combination with measles and mumps ("MMR"). There is no exemption from the rubella immunization requirement for individuals who were born prior to 01/01/57.

4. Tetanus/Diphtheria/Pertussis ("Tdap") – One (1) dose of Tdap is required within the past ten (10) years. The documentation must clearly indicate that a Tdap was received. NOTE: A standard Tetanus or Tetanus/Diphtheria (Td) is not accepted.
5. **Varicella (chickenpox)** – Two (2) doses of varicella vaccine are required or documentation of a positive titer (blood test) with the lab values report. **NOTE:** A statement from a physician or parent indicating the student's previous varicella disease history is no longer accepted.

6. **Influenza** – One dose of a flu vaccine is required within twelve (12) months of anticipated entry to a health occupations program.

7. **Hepatitis B series** – Three (3) doses of Hepatitis B vaccine are required per the timetable below: Initial dose, Second dose one month after the initial dose, Third dose five months after the second dose. If an applicant fails to adhere to the above schedule, the series may have to be repeated.

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**Policies**

Students should click on the links below and read all of the policies

General Institutional policies and Course-Related Institutional policies
http://www.elcentrocollege.edu/admissions/schedule/syllabus/Course-Related-Policies.pdf

**Student Handbook**
The student handbook with additional information for students is available at
http://www.elcentrocollege.edu/StudentServices/Spar