

El Paso Community College

Syllabus

Part II

Official Course Description

SUBJECT AREA	<u>Emergency Medical Services</u>								
COURSE RUBRIC AND NUMBER	<u>EMSP 2306</u>								
COURSE TITLE	<u>Emergency Pharmacology</u>								
COURSE CREDIT HOURS	<table style="margin: auto; border-collapse: collapse;"> <tr> <td style="text-align: center; border-bottom: 1px solid black;">3</td> <td style="text-align: center; border-bottom: 1px solid black;">2</td> <td style="text-align: center; border-bottom: 1px solid black;">:</td> <td style="text-align: center; border-bottom: 1px solid black;">3</td> </tr> <tr> <td style="text-align: center;">Credits</td> <td style="text-align: center;">Lec</td> <td></td> <td style="text-align: center;">Lab</td> </tr> </table>	3	2	:	3	Credits	Lec		Lab
3	2	:	3						
Credits	Lec		Lab						

I. Catalog Description

Studies drug classifications actions, therapeutic uses, adverse effects, routes of administration, and calculation of dosages. A grade of "C" or better is required in this course to take the next course and/or for this course to be eligible for "course completion" credit or eligibility to take licensing exam. **(2:3). Lab fee. Professional Practice Insurance required.**

II. Course Objectives

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

- A. Identify the concepts related to basic pharmacology, including historical perspective, basic terms, sources of drugs, drug classifications, and drug nomenclature.
- B. Discuss legislative acts controlling drug use in the United States.
- C. Describe principles and routes safe medication administration and perform drug calculations.
- D. Describe the cardiovascular system to include anatomy and physiology and drugs affecting this system.
- E. Describe the autonomic nervous system to include the sympathetic and parasympathetic functions and drugs affecting this system.
- F. Identify drugs affecting the renal, endocrine, respiratory, reproductive, gastrointestinal, and central nervous systems; skeletal muscle relaxants; antibiotics; drugs used to manage poisoning; and HIV therapy.
- G. Discuss the paramedic's responsibilities and scope of management pertinent to the administration of medications.

III. THECB Learning Outcomes (WECM)

1. Utilize knowledge of pharmacological concepts to demonstrate safe administration of medications in emergency settings.

IV. Evaluation

The following is the grade percentage breakdown for written materials/examinations by specific activity.

Quizzes/Simulations	15% toward final grade
Homework assignments	10% toward final grade
Block Exam I	10% toward final grade
Block Exam II	10% toward final grade
Block Exam III	10% toward final grade
Block Exam IV	10% toward final grade
Block Exam V	10% toward final grade
Final Written Exam	25% toward final grade
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TOTAL	100%

Grading Scale

90 - 100	= A
80 - 89	= B
75 - 79	= C
Below 75	= F
Incomplete	= I
Withdrawn	= W

V. Disability Statement (American with/Disabilities Act [ADA])

EPCC offers a variety of services to persons with documented sensory, mental, physical, or temporary disabling conditions to promote success in classes. If you have a disability and believe you may need services, you are encouraged to contact the Center for Students with Disabilities to discuss your needs with a counselor. All discussions and documentation are kept confidential. Offices located: VV Rm C-112 (831-2426); TM Rm 1400 (831-5808); RG Rm B-201 (831-4198); NWC Rm M-54 (831-8815); and MDP Rm A-125 (831-7024).

VI. 6 Drop Rule

Students who began attending Texas public institutions of higher education for the first time during the Fall 2007 semester or later are subject to a 6-Drop limit for all undergraduate classes. Developmental, ESL, Dual Credit and Early College High School classes are exempt from this rule. All students should consult with their instructor before dropping a class. Academic assistance is available. Students are encouraged to see Counseling Services if dropping because exemptions may apply. Refer to the EPCC catalog and website for additional information.