

**El Paso Community College**  
**Syllabus**  
**Part II**  
**Official Course Description**

<b>SUBJECT AREA TITLE</b>	<b>Nursing</b>						
<b>COURSE RUBIC AND NUMBER</b>	<b>RNSG 1301</b>						
<b>COURSE TITLE</b>	<b>Pharmacology</b>						
<b>COURSE HOURS</b>	<table border="0" style="margin: auto;"> <tr> <td style="text-align: center;"><b>3</b></td> <td style="text-align: center;"><b>3:</b></td> <td style="text-align: center;"><b>0</b></td> </tr> <tr> <td style="text-align: center; border-top: 1px solid black;"><b>Credits</b></td> <td style="text-align: center; border-top: 1px solid black;"><b>Lec</b></td> <td style="text-align: center; border-top: 1px solid black;"><b>Lab</b></td> </tr> </table>	<b>3</b>	<b>3:</b>	<b>0</b>	<b>Credits</b>	<b>Lec</b>	<b>Lab</b>
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<b>Credits</b>	<b>Lec</b>	<b>Lab</b>					

**I. Catalog Description**

Introduces the science of pharmacology with emphasis on the actions, interactions, adverse effects, and nursing implications of drug classifications. Includes content on identifying the roles and responsibilities of the professional nurse in safe administration of medications and pharmacological agents within a legal\ethical framework. Explains the safe utilization of medications. NOTE: This course is a mandatory and ranking course for the nursing program. It must be taken before admission to a program. Course completion is required before enrollment in RNSG 1208 and VNSG 1227 and RNSG 1327 and RNSG 1262 and RNSG 1347 and RNSG 1144 or RNSG 1517 and RNSG 1360. A grade of "C" or better is required in this course to take the next course. Biology courses may be taken prior to or concurrent with RNSG 1301, Pharmacology. Biology courses must include lecture and a laboratory that totals 4 credits. **Prerequisite: READ 0309 or INRW 0311 or ESOL 0340 (can be taken concurrently) or by placement exam or ENGL 1301 with a "C" or better or ENGL 1302 with a "C" or better. (3:0).**

**II. Course Objectives**

- A. Identify and discuss the legal and ethical roles and responsibilities of the nurse in relationship to federal, state and local government’s rules and regulations and the professional and accreditation organizations’ safety requirements and standards regarding medication therapy in a variety of settings (SLO#4)
- B. Explore the professional nursing organization’s Standard of Care regarding medication therapy.(SLO#4)
- C. Discuss accreditation organizations’ safety requirements and standards in regards to medication therapy focusing on the National Patient Safety Goals (NPSG) from the Joint Commission. ( SLO #4)
- D. Discuss selected Prototype medications from various drug classifications with emphasis on the following: Generic drug names, drug clinical indications, drug actions including the pharmacokinetics and pharmacodynamics of drugs, interactions, adverse effects, contraindications, and nursing implications with the focus on patient education and safety.( SLO#2 & #3)
- E. Summarize the historical events and current trends that influence the pharmaceutical industry and may affect drug therapy for patients.(SLO#4)
- F. Discuss the following diverse and important pharmacology topics: (1) Landmark drug legislation in the United States, (2) New drug development and research and Food and Drug Administration (FDA) testing, (3) The nuance of drug names; ie generic, trade/brand, etc (4) Over-the counter

medications, (5) Prescription medications (6) The problems associated with patients self-medicating, (7) The problems of substance abuse, and (8) The importance of medication teaching by the nurse to patients and their families.(SLO#2 &#4)

- G. Describe how the nurse uses critical thinking, evidence-based practice research, and the systematic problem-solving process, which includes assessment, analysis, planning, implementation, and evaluation, in the patient-centered care with medication therapy.(SLO#3 & #5)
- H. Explain how the use of technology and informatics can assist the nurse to provide safe patient-centered nursing care with medication therapy.(SLO#5)
- I. Discuss the role of the nurse as an advocate with other members of the interdisciplinary health care team in regards to the patient's rights and quality patient-centered health care with medication therapy.(SLO#6)
- J. Examine the influence of biological, psychological, sociological, cultural, spiritual, and communication factors across the lifespan that impact medication therapy.(SLO#3)
- K. Discuss why lifelong learning and maintaining nursing competencies in medication therapy is important and ways the nurse can accomplish these goals.(SLO#1)

### III THECB Learning Outcomes (WECM)

- A. Identify the roles and responsibilities of the professional nurse in administrating pharmacological agents.
- B. Explain the safe utilization of medications.

### IV. Evaluation

- A. Proficiency Exam

A Nursing course may be challenged if Proficiency Exam is available with the exception of RNSG 2221/2261, Management of Client Care (Theory and Clinical). Any student wishing to do a Proficiency Exam for a nursing course should speak to the ADN Program Coordinator and/or to the Nursing Counselor. (See College Proficiency Exam Procedure.)

- B. Articulation

Articulation plans for the Nursing program(s) will be addressed by the Nursing Counselor.

- C. Course Evaluation

The course grade is based on the following quizzes and/or assignments, examinations and comprehensive final examination. The quizzes maybe, either announced or unannounced and maybe given at the discretion of the instructor. The assignments will relate to material covered in textbook or lecture. The student is responsible for completing written/oral assignments during the course as assigned by the instructor. Examinations will be based on classroom lectures, presentation and/or discussions and material from textbook and handouts.

The grade for RNSG-1301 will be calculated as follows:

Quizzes and/or assignments	20%
Examinations	60%
Comprehensive Final Examination	<u>20%</u>
	100%

90 - 100 = A  
80 - 89 = B  
78 - 79 = C  
70 - 77 = D  
0 - 69 = F

See Rounding of grade procedure in Nursing Student Handbook.

**Final Course grades will NOT be rounded to the closest whole number. A 78.0% is needed to pass the course with no rounding (i.e. 77.7 would be recorded as 77 and not rounded up to 78; 89.9 will be recorded as 89 and would not be rounded up to 90).**

Rounding rule: All grades except for Final Course grade

- a. To determine scores on exams and quizzes only to be record, use the value in the tenths column only do not carry out any further. (82.4 would be recorded as 82 because only the tenths column is looked at).
- b. Averages and points will be recorded to tenth with no rounding.

There will be no alterations and No **Rounding of Final Course Grade** calculations. IE 89.9 would be 89.not rounded to 90.

This course is required for completion of studies leading to either the Associate Degree in Nursing or the Vocational Nursing in Nursing. A grade of 75% or above is needed to pass this course.

Students not obtaining a grade of C 75% or above in this course must retake the course prior entering into the nursing program

#### E. Remediation

Students who do not demonstrate competency by passing quizzes and/or examinations will receive counseling by the instructor. Failure to attend classes and/or pass examinations will place the student in jeopardy of failing the course. The student should make an appointment with the instructor and discuss ways of improving performances on examinations. \*Students are responsible for attending classes and reading assignment material.

#### 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.

**VII. EPCC ADN Student Learning Outcomes****EL PASO COMMUNITY COLLEGE****STUDENT LEARNING OUTCOMES: ASSOCIATE DEGREE NURSING**

Student Learning Outcomes – SLO's	
1.	Demonstrate a commitment to participating in activities that promote the growth, development and practice of professional nursing, while valuing the need for lifelong learning.
2.	Integrate teaching-learning principles by developing, presenting, evaluating and modifying teaching plans to meet the needs of patients and their families.
3.	Utilize clinical judgment, communication skills and a systematic process when advocating for safe caring and compassionate patient-centered care to culturally diverse patients and their families across the lifespan in a variety of health care settings.
4.	Assume accountability for the quality of patient-centered nursing care provided to patients and their families within the legal scope of nursing practice consistent with ethical principles and professional values and standards.
5.	Provide evidence-based nursing care that promotes safety for the patient, family and their environment, while utilizing current technologies and nursing informatics.
6.	Collaborate and co-ordinate with patients, their families and the interdisciplinary/multidisciplinary health care team to implement best practices and to address health promotion and disease prevention, health maintenance and health restoration based on the individual's perception of their health needs.

Revisions to SLO's Fall, 2011 &amp;6-7-12

Revised Fall 2014