

El Paso Community College

Syllabus

Part II

Official Course Description

SUBJECT AREA TITLE	Nursing
COURSE RUBIC AND NUMBER	RNSG 1301
COURSE TITLE	Pharmacology
COURSE HOURS	3 3 :
	Credits Lec Lab

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. 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. **NOTE: Some Pharmacology classes will be Hybrid/Mostly Online. Check the schedule. Prerequisite: 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. (PSLO#3)
- B. Explore the professional nursing organizations' Standard of Care regarding medication therapy. (PSLO#3)
- 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. (PSLO #3)
- 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. (PSLO#1 & #2)
- E. Summarize the historical events and current trends that influence the pharmaceutical industry and may affect drug therapy for patients. (PSLO#3)
- 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; i.e. 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. (PSLO#1&3)

- G. Describe how the nurse uses critical thinking, evidence-based research, and the systematic problem-solving process. This includes assessment, analysis, planning, implementation, and evaluation, in the patient-centered care with medication therapy. (PSLO#2&4)
- H. Explain how the use of technology and informatics can assist the nurse to provide safe patient-centered nursing care with medication therapy. (PSLO#4)
- 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. (PSLO#5)
- J. Examine the influence of biological, psychological, sociological, cultural, spiritual, and communication factors across the lifespan that impact medication therapy. (PSLO#2)
- K. Discuss why lifelong learning and maintaining nursing competencies in medication therapy are important and ways the nurse can accomplish these goals. (PSLO#3)

III. STUDENT LEARNING OUTCOMES: ASSOCIATE DEGREE NURSING

Nursing Program Student Learning Outcomes (SLO's) assess the knowledge, skills/abilities, and/or attitudes that display behavioral evidence which the students have attained from their educational experiences. The ongoing assessment of Student Learning Outcomes is specifically linked to El Paso Community College Mission Statement, Institutional Strategic Goals, Program Review, and the Nursing Mission and Vision Statement. Nursing Program Student Learning Outcomes specifically describe the end result of the Nursing Program.

Student Learning Outcomes – SLO's	
1.	Integrate teaching-learning principles by developing, presenting evaluating and modifying teaching plans to meet the need of patients and their families.
2.	Utilize nursing 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.
3.	Assume accountability for the quality of patient-centered nursing care within the legal scope of nursing practice consistent with ethical principles and professional values and standards.
4.	Provide evidence-based nursing care that promotes safety for the patient, family and their environment, while utilizing current technologies and nursing informatics.
5.	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

Final - 6-7-12

Revised: 09-12

Reviewed: 08-2014

Reviewed: December, 2015

Revised: May 2018

IV. THECB Learning Outcomes (WECM)

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

V. Evaluation

A. Proficiency Exam

A Nursing course may be challenged if a 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 a 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 may be announced or unannounced and given at the discretion of the instructor. The assignments will relate to material covered in the textbook or lectures. The student is responsible for completing written/oral assignments during the course as assigned by the instructor. Examinations will be based on classroom lectures, presentations and/or discussions, handouts, and material from the textbook.

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% or greater 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 record, 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. For example, 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 Certification. A grade of 78% or greater is needed to pass this course.

Students not obtaining a grade of C 78% (or greater) in this course must retake the course prior to entering the nursing program.

E. Remediation

Students who do not demonstrate competency will receive counseling by the instructor. Failure to attend classes complete assignments and/or pass quizzes/examinations will place the student in jeopardy of failing the course. The student should make an appointment with the instructor to discuss ways of improving performances.

VI. Cell Phone and Electronical Devices

Electronic devices (cell phones, computers, tablets, cameras, and /or smart watches) may only be use in the classroom and/or labs if pre-authorized by the instructor and only for class purposes. No electronic devices will be allowed during tests and/or test reviews. If the student's cell phone rings or vibrates during a test, the test will be picked up and graded where it was last completed. If electronic devices are visible and/or used during test or test review, the student will receive a zero on test. In case of an emergency the family may contact the instructor, the nursing office at 915-831-4220, and /or campus police at 915-831-2200 which the following information: family member name who is call, call back number, student's name, instructor's name, course name, and description of emergency.

VII. Disability Statement (Americans 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).

VIII. 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.

IX. Title IX and Sex Discrimination

Title 9 (20 U.S.C. 1681 & 34 C.F.R. Part 106) states the following "No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any educational program or activity receiving Federal financial assistance." The Violence Against Women Act (VAWA) prohibits stalking, date violence, sexual violence, and domestic violence for all students, employees and visitors (male and female). If you have any concerns related to discrimination, harassment, or assault (of any type) you can contact the Assistant to the Vice President for Student and Enrollment Services at 915-831-2655. Employees can call the Manager of Employee Relations at 915-831-6458. Reports of sexual assault/violence may also be reported to EPCC Police at 915-831-2200.