

El Paso Community College
Syllabus
Part II
Official Course Description

SUBJECT AREA	<u>Vocational Nursing</u>
COURSE RUBRIC AND NUMBER	<u>VNSG 1391</u>
COURSE TITLE	<u>Special Topics in Licensed</u> <u>Practical/Vocational Nurse Training</u> <u>Math for Articulating High School</u> <u>Students</u>
COURSE CREDIT HOURS	<u>3</u> <u>3</u> : <u>0</u> Credits Lec Lab

I. Catalog Description

Addresses recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency. Check with Program Coordinator for current topic and content of this course. A grade of "C" or better is required in this course to take the next course. (3:0).

II. Course Objectives

Upon satisfactory completion of the course, the student will be able to solve mathematical problems that relate to:

A. Unit I. Algebra

Students will continue to build on their basic foundation of K-12 math as they expand their understanding through other mathematical experiences, including a) the use of algebraic thinking and symbolic reasoning; b) function concepts; c) recognizing the relationship between equations and functions; d) and utilizing the underlying mathematical processes.

B. Unit II. Geometry

Students will continue to build on their basic foundation of K-12 math as they expand their understanding through other mathematical experiences, including a) geometric thinking and spatial reasoning; b) review of geometric figures and their properties; c) discussion of the relationship of geometry, other mathematics, and other disciplines; d) learning techniques to work with spatial figures and their properties.

C. Unit III. Precalculus

Students will continue to build on their basic foundation of K-12 math, as they expand their understanding through other mathematical experiences, including the use of problem solving.

D. Unit IV. Mathematical Models

Students will continue to build on their basic foundation of K-8 math as they expand their understanding through other mathematical experiences, including a) problem solving, b) use of language and communication, c) connections within and outside of mathematics, and d) reasoning.

III. Student Learning Outcomes (SLO's): VOCATIONAL 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 the 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 needs 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 & 6-7-2012
Revised: May 2018

IV. THECB Learning Outcomes (WECM)

Learning outcomes/objectives are determined by local occupational need and business and industry trends.

V. Evaluation

It is suggested that four (4) unit tests be given. Quiz grades and homework grades may also be used in the evaluation of the final grade, if the instructor so chooses. A comprehensive final exam is mandatory for all students.

No challenge exam is available for this course.

VI. 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).

VII. 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.

VIII. 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.