

# El Paso Community College

## Syllabus

### Part II

## Official Course Description

<b>SUBJECT AREA</b>	<u>Vocational Nursing</u>								
<b>COURSE RUBRIC AND NUMBER</b>	<u>VNSG 1227</u>								
<b>COURSE TITLE</b>	<u>Essentials of Medication Administration</u>								
<b>COURSE CREDIT HOURS</b>	<table style="margin: auto; border: none;"> <tr> <td style="text-align: center;"><b>2</b></td> <td style="text-align: center;"><b>1</b></td> <td style="text-align: center;"><b>:</b></td> <td style="text-align: center;"><b>4</b></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>	<b>2</b>	<b>1</b>	<b>:</b>	<b>4</b>	Credits	Lec		Lab
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Credits	Lec		Lab						

### I. Catalog Description

Presents the general principles of medication administration including determination of dosage, preparation, safe administration, and documentation of multiple forms of drugs. Includes instruction on various systems of measurement. Applies the nursing process and critical thinking in the administration of oral, topical, enteral, and parenteral medications by the vocational nursing student. A grade of "C" or better is required in this course to take the next course. **Prerequisite: MATH 0305 with a "C" or better or NCBM 0105 with a "CR" or better or ME05 or by placement exam. Corequisites: VNSG 1160 and VNSG 1423 and VNSG 1402 and VNSG 1260. (1:4). Lab fee.**

### II. Course Objectives

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

#### A. Unit I. Provider of Patient-Centered Care

1. Apply critical thinking skills to the five steps of the nursing process in the administration of medications. **(SLO #1, 3)**
2. Utilize the nursing process and demonstrate critical thinking skills to
  - a. Prepare and administer oral, topical, and parenteral medications **(SLO #3, 4, 6)**
  - b. Calculate dosages (conversions, oral and parenteral calculations, body weight, solutions, intravenous infusions, and nutritional intake). **(SLO #3)**
  - c. Communicate and document information about medication administration **(SLO #4)**
  - d. Explain the responsibilities as a teacher in the administration of medications **(SLO #2)**

#### B. Unit II. Member of the Health Care Team

Demonstrate the role of the nurse in effectively managing time and supplies in the administration of medications. **(SLO #1, 4, 6)**

#### C. Unit III. Member of the Profession

Describe the legal aspects of medication administration. **(SLO #3,4)**

D. Unit IV. Patient Safety Advocate

Explain how the nurse uses “the three checks” and “five rights” to ensure safety and accuracy in preparing and administering medications. (SLO #3, 5)

E. Unit V. Laboratory Skills

Demonstrate clinical skills for the administration of medications. (SLO #2, 3, 4, 5, 6)

**III. THECB Learning Outcomes (WECM)**

1. Demonstrate accurate dosage calculation.
2. Discuss safe medication administration.
3. Accurately document medication administration.

**IV. Evaluation**

A. **Proficiency Exam**

Any student wishing to do a Proficiency Exam for a nursing course should speak to the VN Program Coordinator and/or to the Nursing Counselor. All nursing courses can be challenged if available. (See College Proficiency Exam Procedure.)

B. **Articulation**

Articulated credit from many area high schools is available for graduates with high school health occupations courses. Students who have previously completed a vocational nursing program will be able to transfer their vocational nursing courses to this program under the Texas Nursing Articulation Plan.

C. Evaluation for this course consists of written examinations, theory laboratory exams, and laboratory skills.

1. Written Examinations = 80%

There will be a **total of three (3) unit calculation exams and a comprehensive final exam.**

Each unit exam is worth 20 % of the total grade. Each exam will test over the course objectives for calculations and the theory portion of the class lectures.

The final exam is worth 20% of the total grade and has two parts.

- a. Part one will include calculations.
- b. Part two will include a theory - laboratory exam.

In the event of an absence on an exam day, the student must notify the instructor giving the exam, prior to the time the exam is scheduled. Only valid excuses are accepted. Failure to take an exam on a designated day or failure to notify the instructor of an absence prior to the exam will result in a grade of 0 for that exam. Any exam taken late for any reason will have 5 points deducted. Please see Nursing Student Handbook for Procedure.

The instructor reserves the right to administer a different test to those students who do not take the test as scheduled.

2. Laboratory Skills = 20 %

The lab skills portion of this course is separated into two areas:

- 1) Oral and Topical medication administration is worth 10%
  - a. Skills check-off portion(s) = 7%
  - b. Theory - laboratory exam = 3%

- 2) NG Tube and Parenteral medication administration is worth 10%
  - a. Skills check-off portion(s) = 7%
  - b. Theory - laboratory exam = 3%

A score will be earned based on the points possible in the actual skills check-off and the written portions of the laboratory.

**There are deadlines for each of the check-offs subjects.** Students who have not completed the specified skills by the deadline will receive a score of 0 on each of the skills. However, all skills must be satisfactorily completed in order to receive credit for the course, prior to the week of the final exam. Students who have not attempted every skill prior to final exam week will receive no credit for lab and an F in the course. Students who have attempted every skill but have not passed every skill prior to the final exam week will receive an I in the lab and an I for the course.

3. Course Grade

Course grade will be determined by:

Unit Exam #1 (Unit III: Section 1 & 2) .....	20%
Unit Exam #2 (Unit III: Section 3 & 4).....	20%
Unit Exam #3 (Unit III: Section 5 & 6).....	20%
Lab Component: .....	20%
1. Oral & Topical portion (10%)	
a. Skills check-off portion(s) = 7%	
b. Theory - laboratory exam = 3%	
2. NG & Parenteral portion (10%)	
a. Skills check-off portion(s) = 7%	
b. Theory - laboratory exam = 3%	
Comprehensive Final Exam .....	<u>20%</u>
1. Part One - calculations = 60%	
2. Part Two - theory <i>laboratory</i> exam = 40%	
Total Course Grade	100%

Grading Scale:

90-100 =	A
80-89 =	B
75-79 =	C
Below 75=	F

4. Scores on each examination or clinical evaluation will be rounded and recorded to the closest whole number.
5. Final Course grades will NOT be rounded to the closest whole number. A 75.00% is needed to pass the course with no rounding (i.e., 74.7 would be recorded as 74.7 and not rounded up to 75; 89.9 stays 89.9 and would not be rounded up to 90).
6. Rounding rule: All grades except for Final Course Grade
  - a. To determine scores to record, use the value in the tenths column only ; do not carry out any further. (82.459 would be recorded as 82 because only the tenths column is looked at).
  - b. 0.5 and above will be rounded to the next higher whole number (i.e., 84.6 becomes 85).
  - c. 0.4 and below will be rounded by dropping the tenths and leaving the whole number (i.e., 84.3 becomes 84).

D. Pre-assessment and Remediation

A basic math exam must be taken as scheduled on the calendar. Students who make less than 90% on this exam are referred for remediation to PASS/RAP program. Those students who achieve less than 90% on the basic math test, or achieve less than 75% on a unit exam are referred for remediation or RETAIN sessions. RETAIN sessions are offered by faculty, and the Retention Action Program. Students may also utilize computer assisted instruction located in the computer lab.

Refer to the "Guidelines for Remediation" Procedure in the Nursing Student Handbook

**V. 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).

**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.

### EVALUATION GRADING CRITERIA

- ALL POINTS =** Meets 100% of the criteria consistently with little or no guidance. Is consistently self directed in his/her approach to learning. Demonstrates above average performance of drug preparation and demonstration. Is consistently able to state theoretical knowledge and rationale for medication administration. Consistently integrates appropriate knowledge with skills.
- ¾ POINTS** Meets 75% of the criteria with minimal supervision and occasional support. Recognizes learning opportunities but may require assistance in utilizing them. Demonstrates average performance of drug preparation and administration. Is usually able to state theoretical knowledge and rationale medication administration. Usually integrates appropriate knowledge with skills.
- ½ POINTS** Meets 50% of the criteria with close supervision and guidance. Requires some direction in recognizing and utilizing learning opportunities. Demonstrates below average performance of drug preparation administration. Is sometimes able to state theoretical knowledge and rationale for medication administration. Requires frequent assistance in integrating appropriate knowledge with skills.
- ¼ POINTS** Meets 25% of the criteria with intense supervision and guidance. Required detailed instruction regarding learning opportunities. Demonstrates below average performance in the provision of drug preparation and administration. Demonstrates gaps in necessary knowledge and rationale for medication administration. Requires a great deal of assistance in integrating knowledge and skills.
- 0 POINTS** Does not meet criteria at this time. Requires constant, detailed instruction regarding learning opportunities. Is considered unsafe to administer medication without constant, intense guidance. Frequently lacks necessary knowledge and skills. Unable to integrate appropriate knowledge and skills.