



**Course Information**

<b>Course Title</b>	Essentials of Medication Administration
<b>Course Prefix, Num. and Title</b>	VNSG 1227
<b>Division</b>	Allied Health
<b>Department</b>	Vocational Nursing
<b>Course Type</b>	WECM Course
<b>Course Catalog Description</b>	General principles of medication administration including determination of dosage, preparation, safe administration, and documentation of multiple forms of drugs. Instruction includes various systems of measurement.
<b>Pre-Requisites</b>	Admission to the VN program.
<b>Co-Requisites</b>	Enter Co-Requisites Here.

**Semester Credit Hours**

<b>Total Semester Credit Hours (SCH): Lecture Hours:</b>	2:1:2
<b>Lab/Other Hours</b>	
<b>Equated Pay Hours</b>	2.5
<b>Lab/Other Hours Breakdown: Lab Hours</b>	2
<b>Lab/Other Hours Breakdown: Clinical Hours</b>	
<b>Lab/Other Hours Breakdown: Practicum Hours</b>	
<b>Other Hours Breakdown</b>	

**Approval Signatures**

<b>Title</b>	<b>Signature</b>	<b>Date</b>
<b>Prepared by:</b>		
<b>Department Head:</b>		
<b>Division Chair:</b>		
<b>Dean/VPI:</b>		
<b>Approved by CIR:</b>		

## Additional Course Information

### Topical Outline:

- Safety and Systems of Measurement in Medication Administration
- Methods of Calculation
- Administration of Medications
- IV Therapy and Administration of IV Medications
- Verifying Safe Dose and Dosages for Pediatric and Elderly Populations

### Course Learning Outcomes:

#### Learning Outcomes – Upon successful completion of this course, students will:

Demonstrate accurate dosage calculation.

Demonstrate safe medication administration.

Accurately document medication administration.

#### Methods of Assessment:

Written exams and skill competency check-off.

### Required text(s), optional text(s) and/or materials to be supplied by the student:

- Martinez de Castillo, S. L. and Werner-McCullough, M., (current edition). *Calculating drug dosages*. Philadelphia: F. A. Davis.
- ATI access
- Computer
- Reliable internet connection and access to the WCJC Blackboard site
- Calculator (other than a phone)
- Pencil, paper, eraser and highlighter

### Suggested Course Maximum:

40

**List any specific or physical requirements beyond a typical classroom required to teach the course.**

**Course Requirements/Grading System** One (1) written assignment will be required which entails finding an article pertaining to medication errors from a current (within 3 years) professional healthcare magazine or journal. A brief synopsis of the article is to be submitted. The journal must be cited in APA format or no credit will be given for the assignment. This synopsis will be counted as a test grade.

The average of unit tests is 65%, assigned homework is 5% and medication administration check-off will be 5% of the course grade. The comprehensive final will be 25% of the final grade.

Grading scale:

- A 90-100
- B 80-89
- C 75-79
- F 74 and below

A course grade of 75 must be obtained to successfully pass this course.

### **Curriculum Checklist:**

- Administrative General Education Course** (from ACGM, but not in WCJC Core) – No additional documents needed.
- Administrative WCJC Core Course.** Attach the Core Curriculum Review Forms
  - Critical Thinking
  - Communication
  - Empirical & Quantitative Skills
  - Teamwork
  - Social Responsibility
  - Personal Responsibility
- WECM Course** -If needed, revise the Program SCANS Matrix and Competencies Checklist