

**BLINN COLLEGE
Syllabus**

VNSG 1231

Date of revision: _____

Faculty Date

Dean,
Technical/Workforce Education Date

Faculty Date

Vice President
Academic Affairs Date

Pharmacology VNSG 1231

Purpose Statement

The primary purpose of Pharmacology - VNSG 1231 is to prepare learners to assume entry level competencies of the vocational nurse.

Course Description

Fundamentals of medications and their diagnostic, therapeutic, and curative effects. Includes nursing interventions utilizing the nursing process.

Topics include but not limited to, accurately calculating dosage problems, legal aspects related to drug administration, steps taken in administration of oral, intramuscular, subcutaneous and intradermal medications, abbreviations related to route of administration and frequency of dosage, drug reference books, nursing process as it applies to drug therapy, drug classifications, drug effect on client, common drugs in treating specific conditions, appropriate drug dosages, untoward reactions of specified drugs and key points in administration of medications.

The course consists of: Two class hours. Credit: Two semester hours.

Prerequisite: successful completion of all first semester courses with a grade average of 75 percent or better.

Student Learning Outcomes

After completion of Pharmacology - VNSG 1231, the student will:

- * identify properties, effects, and principles of pharmacotherapeutic agents
- * list common nursing interventions associated with the various pharmacotherapeutic agents
- * **utilize the nursing process as it applies to drug therapy**
- * **identify properties, effects, and principles underlying the use and administration of pharmacotherapeutic agents**
- * **list common drugs for usage in treating specific condition**

SCANS

Secretary's Commission on Achieving Necessary Skills

SCANS is an attempt to help make courses more relevant to the needs of a modern work force. SCANS is divided into two types of skills: competencies and foundations. The competencies are the ability to manage resources, to work amicably and productively with others, to acquire and use information, to master complex systems, and to work with a variety of technologies. Foundation skills are organized into the basic literacy and computational skills, the thinking skills necessary to put knowledge to work, and the personal qualities that make workers dedicated and trustworthy. Both are required for successful performance in most jobs.

The following SCANS competencies and foundation skills are used in VNSG 1231: C1, C3, C5, C6, C7, C9, C14, C15, C16, C17, F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12, F13, F15, F17 (see attached).

Learning Activities

Lecture, class discussion, student interaction such as group activities, lesson assignments such as worksheets, workbook, written and oral reports, audiovisuals, computer software, structured laboratory settings with simulated laboratory practice, demonstrations, clinical experience.

Grading System

Grading scale is as follows:

90 - 100 = A

80 - 89 = B

75 - 79 = C

Below 75 = F

WP = withdrawn passing

WF= withdrawn failing

Course consists of minimum of 4 major exams, daily grades and a final exam. Final course grade is determined as follows:

major exams 1/3,

*daily grade 1/3,

final exam 1/3.

*Consists of quizzes, objectives, designated student assignments.

Outcome Inventory

Evaluation on the success of this course includes satisfactory completion of course by the learner.

Calendar

Course material is distributed during the semester. Course timing is given the learner at the beginning of the course as outlined in the student information sheet.

Materials

Required:

Woodrow, Ruth
Essentials of Pharmacology for Health Occupations
Fourth Edition
Delmar, 2002

Deglin, Judith
Davis's Drug Guide for Nurses
Eighth Edition
F. A. Davis, 2001
Philadelphia, PA

deWit, Susan
Fundamental Concepts and Skills for Nursing
W. B. Saunders, 2001
Philadelphia, PA

**VOCN PROGRAM
SCANS COMPETENCIES**

Student Name: _____ SS# _____ - _____ - _____
Semester: _____ Date: _____

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Baseline	Competency	Activity To Evaluate Baseline Competency
COMPETENCY STATEMENTS		
Resources	C 1	Completes assignments as instructed.
Information	C 3	Administering simulated medications
	C 5	Apply nursing process and simulate drug administration
	C 6	Transcribes and charts simulate drug administration.
	C 7	Charts simulate drug administration and effectiveness.
Interpersonal Skills	C 9	Interacts with students and instructors in-group activities.
	C 14	Interacts with students and instructors in-group activities.
Systems	C 15	Understand and use metric and apothecary equivalents with accuracy.
	C 16	Uses critical thinking with question on exams.
	C 17	Transcribe drug orders accurately.
FOUNDATION SKILLS		
Basic Skills	F 1	Reading assignments
	F 2	Prepare reports
	F 3	Drug calculations using basic math skills.
	F 4	Drug calculations using higher math skills.
	F 5	Attends lectures to receive course information
	F 6	Presents reports with groups using innovating ways to present material and utilize critical thinking skills.
Thinking Skills	F 7	Presents reports with groups using innovating ways to present material and utilize critical thinking skills.
	F 8	Completes assignments and exams
	F 9	Utilize critical thinking with questions on exams
	F 10	Describe steps taken in the administration of medications by IM, IV and Sub Q routes
	F 11	Complete assignments and exams
	F 12	Utilize critical thinking with questions on exams

Personal Qualities	F 13	Complete assignments and exams
	F 15	Presents reports with groups using innovating ways to present material and utilize critical thinking skills.
	F 17	Completes all assignments with honesty

NOTE: Student must meet all baseline competencies to pass the course. The above named student _____ has _____ has not mastered all baseline competencies for this course.

_____ **Instructor (print)** _____ **Instructor signature/date**