

**NRV 60A Course Outline as of Fall 2002****CATALOG INFORMATION**

Dept and Nbr: NRV 60A      Title: FUNDAMENTALS OF VOC NSG  
 Full Title: Fundamentals of Vocational Nursing  
 Last Reviewed: 3/4/2002

Units	Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	6.00	Lecture Scheduled	6.00	17.5	Lecture Scheduled 105.00
Minimum	6.00	Lab Scheduled	0	17.5	Lab Scheduled 0
		Contact DHR	0		Contact DHR 0
		Contact Total	6.00		Contact Total 105.00
		Non-contact DHR	0		Non-contact DHR 0

Total Out of Class Hours: 210.00

Total Student Learning Hours: 315.00

Title 5 Category: AA Degree Applicable

Grading: Grade Only

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly:

**Catalog Description:**

This is the first theory course of the part time vocational nursing program. Orem's Self-Care Deficit Theory is used as a framework for the study of nursing fundamentals, nursing process, basic pharmacology, med administration, and standard nursing/medical care for a variety of disease states. The course compares and contrasts nursing care systems employed in health maintenance, acute illness, chronic illness and rehab. Adapting nursing care to meet the needs of the elderly is also a focus. The course contains much of the same theory found in NRV 51 of the full time program.

**Prerequisites/Corequisites:**

Course Completion of FDNT 62 and Course Completion of ANAT 58 and Course Completion of PHYZ 58 ( or PHYSIO 58) and Course Completion of HLC 160 ( or HLC 60) and Course Completion of CSKLS 100 ( or CSKL 100 or CSKL 374 or CSKL 373B) and Course Completion of NRA 51.1 ( or NRA 51)

**Recommended Preparation:**

Eligibility for ENGL 1A or equivalent.

**Limits on Enrollment:**

### **Schedule of Classes Information:**

Description: First nursing course of the part time vocational nursing program. Covers nursing process, nursing fundamentals, Orem's theory, basic pharmacology medication administration and nursing care of adults and the elderly with common illnesses in acute and rehab settings. (Grade Only)

Prerequisites/Corequisites: Course Completion of FDNT 62 and Course Completion of ANAT 58 and Course Completion of PHYZ 58 ( or PHYSIO 58) and Course Completion of HLC 160 ( or HLC 60) and Course Completion of CSKLS 100 ( or CSKL 100 or CSKL 374 or CSKL 373B) and Course Completion of NRA 51.1 ( or NRA 51)

Recommended: Eligibility for ENGL 1A or equivalent.

Limits on Enrollment:

Transfer Credit: CSU;

Repeatability: Two Repeats if Grade was D, F, NC, or NP

### **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>	Effective:	Inactive:
<b>CSU GE:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>IGETC:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>CSU Transfer:</b>	Transferable	Effective: Fall 2002	Inactive: Spring 2010
<b>UC Transfer:</b>		Effective:	Inactive:

### **CID:**

### **Certificate/Major Applicable:**

Certificate Applicable Course

### **COURSE CONTENT**

#### **Outcomes and Objectives:**

The Student Vocational Nurse will:

1. Determine behaviors that reflect professional values.
2. Analyze client's sociocultural needs related to health care.
3. Design strategies for therapeutic communication in clinical encounters.
4. Develop a knowledge base needed for compliance with facility policies and laws. including a simulated documentation of nursing care.
5. Apply principles of infection control in hypothetical scenarios.
6. Apply principles of basic pharmacology and medication safety to hypothetical clinical scenarios.
7. Calculate medication dosages accurately in practice and exams.
8. Discuss client scenarios within the framework of Orem's Theory.
9. Create nursing care plans using nursing process for simulated cases.
10. Identify deviations from normal for common clinical parameters.
11. Describe normal function, assessment of function health maintenance, & standard nursing/medical care & pharmacologic therapies as they relate to common alterations in physical/psychological function.
12. Compare & contrast care of clients in acute versus rehab settings.
13. Describe common diseases occurring in the elderly.

## **Topics and Scope:**

1. Professionalism, Role of the LVN on the health care team.
2. Basic legal and ethical contexts of practice.
3. Transcultural aspects of practice.
4. Therapeutic communication.
5. Health care systems- admission discharge, transfer.
6. Documentation and medical records.
7. Infection control principles.
8. Basic pharmacology principles. Review of conversions/equivalencies and dosage calculations.
9. Nursing process and Orem's Self-Care Deficit Theory.
10. Study of basic physiological indicators.
11. Homeostasis Deviations related to acute stress.
12. Basic changes related to aging in a variety of body systems.
13. Basic chronic illness and rehabilitation concepts.
14. Nursing Care (normal function, basic assessment, health maintenance & common deviations related to medical/surgical nursing care, including drugs) of clients with alterations in or disease of:
  - a) Mobility - orthopedic/neuromuscular diseases & surgeries
  - b) Neurological function - ALOC, stroke, head injury, neurosurgery
  - c) Behavior - Substance abuse and dependence issues
  - d) Carbohydrate metabolism - beginning concepts of diabetes
  - e) Respiratory function - acute distress & chronic airflow failure
  - f) Cardiovascular function - hypertension, CAD, heart failure
  - g) Gastrointestinal - nutritional needs of client, common problems and common drug therapy.
  - h) Sensory perception - inflammation/infections of eye & ear, glaucoma, cataracts, & eye/ear surgeries.
  - i) Integumentary - common skin disorders and treatments

## **Assignment:**

1. Prep work before class of written homework and small group assignments.
2. Reading: 100 pages per week.
3. Written assignments: 10-20 learning objectives per week outlined by students in flash cards, concept mapping, or tables to aid study.
4. Case study simulations: 1-2 scenarios per week applied to theory.
5. Health Learning Resource Center: Videos and computer simulations will be individually assigned with correlating theory each week.
6. Pharmacology practice tests: weekly review of dosage calculations and conversions/equivalencies.

## **Methods of Evaluation/Basis of Grade:**

**Writing:** Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Written homework, Term papers	Writing 10 - 20%
<b>Problem Solving:</b> Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.	
Homework problems, Quizzes, Exams	Problem solving 5 - 10%
<b>Skill Demonstrations:</b> All skill-based and physical demonstrations used for assessment purposes including skill performance exams.	
None	Skill Demonstrations 0 - 0%
<b>Exams:</b> All forms of formal testing, other than skill performance exams.	
Multiple choice, True/false, Matching items	Exams 50 - 75%
<b>Other:</b> Includes any assessment tools that do not logically fit into the above categories.	
Participation in class	Other Category 10 - 20%

### **Representative Textbooks and Materials:**

Foundations of Nursing, Caring for the Whole Person, 1st ed. by White, Lois  
Delmar Thomson Learning (2000).

Student Handbook to accompany Foundations of Basic Nursing.

Clinical Nursing Skills, 5th ed., by Smith & Duell, Prentice Hall (2000)

Pharmacology, A Nursing Process Approach, 3rd ed., by Kee & Hayes, Saunders  
(2000).

Diagnostic & Lab Tests, by Pagan & Pagana. Mosby (2000).

Nursing Drug Guide 2001, by Wilson, Shannon, & Stang. Prentice Hall (2001)

NRV 60A Syllabus and Student Handbook.