

**NRV 51 Course Outline as of Fall 2011****CATALOG INFORMATION**

Dept and Nbr: NRV 51 Title: FUNDLS/BASICS VOCAT NSG  
 Full Title: Fundamentals and Basics of Vocational Nursing  
 Last Reviewed: 10/13/2014

Units	Course Hours per Week		Nbr of Weeks		Course Hours Total	
Maximum	8.00	Lecture Scheduled	8.00	17.5	Lecture Scheduled	140.00
Minimum	8.00	Lab Scheduled	0	17.5	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	8.00		Contact Total	140.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 280.00

Total Student Learning Hours: 420.00

Title 5 Category: AA Degree Applicable

Grading: Grade or P/NP

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

Also Listed As:

Formerly:

**Catalog Description:**

This is the first in a series of theory courses which prepares students to practice vocational nursing. Orem's Self-Care Deficit Theory is used as a framework to study the bio-psycho-social-cultural-spiritual health/nursing concepts related to: nursing fundamentals, adult medical-surgical and gerontological nursing. Topics of patient teaching incorporate: basic pharmacology, medication administration, nutrition, standard nursing and medical care, for a variety of common disease states. This course compares and contrasts nursing care systems employed in health maintenance, communicable disease, acute illness, chronic illness, and rehabilitation. This course integrates the concepts of: critical thinking, nursing process, culturally congruent care, verbal and written communication, mental health, ethics and unethical conduct, and end of life care. Standards of nursing care are also a focus to meet the needs of the growing gerontological clientele.

**Prerequisites/Corequisites:**

Course Eligibility for ENGL 1A and MATH 150A; and Course Completion of FDNT 62 or FDNT 10 and FDNT 162; and Course Completion of PSYCH 4 and either PSYCH 1A, PSYCH 5, PSYCH 7, or PSYCH 56; and Course Completion of PHYSIO 58 or PHYSIO 1 or ANAT 1 or ANAT 58; and Course Completion of either COMM 5, COMM 6, COMM 7, SPCH 60, or SPCH 1A; and Course Completion or Concurrent Enrollment in NR 255; and Concurrent Enrollment in NRV 51L, and NRV 58A

**Recommended Preparation:**

Course Completion of HLC 160, NRA 51.1, CSKLS 100

**Limits on Enrollment:**

Acceptance to LVN Program via the Application Process

**Schedule of Classes Information:**

Description: This is the first in a series of theory courses which prepares students to practice vocational nursing. Orem's Self-Care Deficit Theory is used as a framework to study the bio-psycho-social-cultural-spiritual health/nursing concepts related to: nursing fundamentals, adult medical-surgical and gerontological nursing. Topics of patient teaching incorporate: basic pharmacology, medication administration, nutrition, standard nursing and medical care, for a variety of common disease states. This course compares and contrasts nursing care systems employed in health maintenance, communicable disease, acute illness, chronic illness, and rehabilitation. This course integrates the concepts of: critical thinking, nursing process, culturally congruent care, verbal and written communication, mental health, ethics and unethical conduct, and end of life care. Standards of nursing care are also a focus to meet the needs of the growing gerontological clientele. (Grade or P/NP)

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Recommended: Course Completion of HLC 160, NRA 51.1, CSKLS 100

Limits on Enrollment: Acceptance to LVN Program via the Application Process

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 1981	Inactive: Fall 2021
<b>UC Transfer:</b>		Effective:	Inactive:

**CID:****Certificate/Major Applicable:**

Both Certificate and Major Applicable

**COURSE CONTENT****Outcomes and Objectives:**

Upon completion of the course, students will be able to:

1. Describe professional values and the importance of commitment to them.
2. Identify ways in which bio-psycho-socio-cultural-spiritual needs of clients are respected.

3. Communicate therapeutically in simulated clinical encounters.
4. Demonstrate knowledge needed for compliance with laws and institutional policies, including a simulated documentation of nursing care.
5. Apply principles of infection control in hypothetical clinical scenarios.
6. Apply principles of basic pharmacology and medication safety to various hypothetical client care scenarios.
7. Calculate medication dosages accurately.
8. Discuss client scenarios within the framework of the 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 and assess normal anatomical and physiological function, health maintenance, various nutritional needs and standard nursing/medical care and pharmacologic therapies as they relate to common alterations in anatomical/physiological, physical/psychological function.
12. Compare and contrast care of clients in acute versus rehabilitation settings.
13. Describe common diseases occurring in gerontological clients.
14. Develop concepts and rationales for basic vocational nursing care.
15. Compare and contrast basic mental health care concepts as they relate to communication, aging, and substance use.

### **Topics and Scope:**

1. Professionalism, role of the LVN on the health care team.
2. Legal and ethical contexts of practice.
3. Transcultural aspects of practice.
4. Therapeutic communication.
5. Health care systems--admission, discharge, and transfer.
6. Documentation and medical records.
7. Infection control principles.
8. Pharmacology and medication safety principles.
9. Conversions and dosage calculations.
10. Nursing process, concept maps, S--bats, and case scenarios.
11. Orem's Self Care Deficit Theory.
12. Study of anatomic and physiologic indicators.
13. Homeostasis deviations related to major acute stress.
14. Basic changes related to aging in the geriatric clientele.
15. Basic chronic illness conditions.
16. Rehabilitation concepts.
17. Care (normal function, basic assessment, various nutritioinal needs, health maintenance and common deviations related to nursing/medical care, including basic drugs) of clients with alterations.
  - a) Mobility -- orthopedic/neuromuscular diseases and surgeries
  - b) Neurological functioning -- ALOC (Altered Level of Consciousness), stroke, head injury, neurosurgery, and Alzheimers
  - c) Behavior -- substance abuse and dependence
  - d) Carbohydrate metabolism -- Diabetes Mellitus
  - e) Respiratory function -- acute distress and chronic airflow failure
  - f) Cardio vascular function - hypertension, CAD (Coronary Artery Disease), and heart failure
  - g) Urinary elimination -- infection, retention, incontinence
  - h) Sensory perception -- inflammation/infections of eye and ear, glaucoma cataracts, and eye/ear surgeries
  - i) Gastrointestinal /nutritional needs of client, common problems, and common drug therapy
  - j) Blood and Lymphatics -- common problems, labs, and basic anticoagulants

- k) Cancer -- basic features and medical/nursing care
  - l) Immunity -- basic principles of immune system
  - m) Integumentary -- common skin disorders and documentation
  - n) Death and Dying -- care of dying
  - o) Mental health concepts related to: communication, substance use, and aging
18. Basic nutrition related to health.
19. The importance of good health habits and the relationships to clients' emotional state, and hereditary factors.
20. Basic oral and topical medication therapies and common treatments for basic medical-surgical conditions.

**Assignment:**

1. Small group work and preparation for class presentation: 1-2 times/week.
2. Reading: 50-100 pages per week.
3. Written assignments: approximately 2 per week including on-going portfolios building throughout semester.
4. Case studies: approximately 1-2 per week.
5. Multi-media and computer simulations: 1-2 hrs per week.
6. Clinical papers: 2-4 per week.
7. Pharmacology practice sheets: 12-15 per week.
8. Quizzes and examinations: 34 quizzes, 4 exams, and 1 final.

**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, portfolio work.

Writing  
5 - 10%

**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Concept maps, case studies.

Problem solving  
0 - 5%

**Skill Demonstrations:** All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

None

Skill Demonstrations  
0 - 0%

**Exams:** All forms of formal testing, other than skill performance exams.

Quizzes and exams: multiple choice, written/paper, and online.

Exams  
75 - 80%

**Other:** Includes any assessment tools that do not logically fit into the above categories.

**Representative Textbooks and Materials:**

1. VN - NRV51, 51L, and 58A Syllabus, Goebel and Hinkle, et al, current semester, 2010 - 2011 SRJC Graphics Dept.
2. Vocational Nursing Student Handbook, Fall 2010 - Fall 2011, SRJC Graphics Dept. Keep for entire program.
3. Lippincott Williams and Wilkins Bundle:
  - a. Gerontological Nursing, Eliopoulos, 7th Ed., 2009, Lippincott Williams and Wilkins
  - b. Contemporary Practical/Vocational Nursing, Kurzen, C., 6th Ed., 2009, Lippincott Williams and Wilkins
  - c. Lippincott Manual of Nursing Practice Handbook, Nettina, 3rd Ed., 2009, Lippincott Williams and Wilkins
4. Nursing/Medical Dictionary - Taber's Medical Dictionary by F.A. Davis or Mosby's Dictionary of Medicine, Nursing & Health Professions by Saunders Elsevier or Saunders Medical and Nursing Dictionary by Saunders Elsevier
5. Elsevier Bundle including E-books:
  - a. Fundamentals of Nursing, Potter and Perry, 7th Ed., 2009, Saunders Elsevier
  - b. Study Guide and Skills Performance Checklists, Potter and Perry, for Fundamentals of Nursing, 7th Ed.
  - c. Fundamentals of Virtual Clinical Excursion, Saunders Elsevier
  - d. Potter and Perry, Clinical Companion for Fundamentals of Nursing, 2009, Saunders Elsevier
  - e. Nursing Interventions and Clinical Skills, Elkin, Perry and Potter, 4th. Ed., 2007, Saunders Elsevier
  - f. Mosby's Nursing Video Skills Basic, Intermediate and Advanced Skills, Student Version 3.0, 2009, Saunders Elsevier
  - g. Pharmacology: A Nursing Approach, Kee, Hayes and McCuistion, 6th Ed., 2009, Saunders Elsevier
  - h. Study Guide for Pharmacology: A Nursing Process Approach, Kee, Hayes and McCuistion, 6th Ed., 2009, Saunders Elsevier
  - i. Nursing Drug Handbook Saunders, 2008, 3rd Ed., Saunders Elsevier
  - j. Mosby's Manual of Diagnostic and Laboratory and Tests, Pagana and Pagana, 3rd Ed., 2006, Saunders Elsevier
  - k. Medical-Surgical Nursing - Concepts and Practice, deWit, Susan C., 2009, Saunders Elsevier
    1. Student Learning Guide for Medical-Surgical Nursing, deWit, Susan C., 2008, Saunders Elsevier
    - m. Virtual Clinical Excursion for Medical-Surgical Nursing, deWit, Susan C., 2008, Saunders Elsevier
    - n. Foundations of Mental Health Care, Morrison-Valfre, 4th Ed, 2009, Saunders Elsevier
    - o. Saunders Comprehensive Review for the NCLEX-PN Examination, Silvestri, L.A, 4th Ed., Saunders Elsevier.
6. Introduction to Maternity & Pediatric Nursing, Leifer, 5th Ed. 2006, Saunders Elsevier.
7. Study Guide for Introduction to Maternity and Pediatric Nursing, Leifer, Rosner and McKinney, 5th Ed., 2007.
8. Mosby's Nursing Video Skills for Maternal, Newborn and Women's Health, 2008, Mosby Elsevier
9. Mosby's Nursing Video Skills for Infants and Children, 2009, Mosby Elsevier (DVDs MNVS-IC) 2007
10. Virtual Clinical Excursion for Introduction to Maternity and Pediatric Nursing, Leifer, 5th

Ed. 2006, Saunders Elsevier.

11. iClicker

#### RECOMMENDED TEXTS

1. Saunders Q & A Review for the NCLEX-PN Examination, Silvestri, L.A, 2006, 3rd Ed., Saunders Elsevier

2. Saunders Strategies for Success for the NCLEX-PN Examination, Silvestri, L.A., 2006, 3rd Ed., Saunders Elsevier

Instructor prepared materials