

**NRV 51 Course Outline as of Fall 2015****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 Only

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 Completion or Current Enrollment in PHARM 255 and Concurrent Enrollment in NRV 51L and NRV 58A OR Course Completion of NR 255 and Concurrent Enrollment in NRV 51L and NRV 58A

**Recommended Preparation:**

**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 Only)

Prerequisites/Corequisites: Course Completion or Current Enrollment in PHARM 255 and Concurrent Enrollment in NRV 51L and NRV 58A OR Course Completion of NR 255 and Concurrent Enrollment in NRV 51L and NRV 58A

Recommended:

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**

**Student Learning Outcomes:**

At the conclusion of this course, the student should be able to:

1. Assess the normal anatomical and physiologic function of the body, health maintenance, nutritional needs, and beginning nursing care needs of an adult client with common alterations in anatomical, physiological, physical, psycho-social, spiritual, and cultural function.
2. Analyze, compare and contrast the care of adult medical/surgical client in acute versus rehabilitation settings.
3. Formulate a plan of care consistent with practice guidelines for common diseases in the care of the gerontological client.
4. Apply theoretical concepts to the practice of beginning nursing care of the adult client.

## **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, SBARS (Situation Background Assessment Recommendations), 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 nutritional 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 and concept maps: 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%
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**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%
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**Skill Demonstrations:** All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

None	Skill Demonstrations 0 - 0%
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**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.

Attendance and participation.

Other Category  
5 - 10%

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

1. Course syllabi. Current Edition. Available online only.
2. VN Faculty, Vocational Nursing Student Handbook, Current Edition. Available online only.
3. Elsevier Bundle that includes E-books.
  - a. deWit, S. C., Kumagi, C.K. Medical-Surgical Nursing: Concepts & Practice, 2nd Edition, 2012, Saunders Elsevier.
  - b. deWit, Virtual Clinical Excursions 3.0 for Medical-Surgical Nursing, 4th Edition, 2013, Saunders Elsevier
  - c. Hill & Howlett Success in Practical/Vocational Nursing, 7th Edition, 2013, Saunders, Elsevier
  - d. Hodgson, Nursing Drug Handbook, 2014, Saunders
  - e. Kee, Hayes & McCuiston, Pharmacology: A Nursing Approach, 8th Edition, 2014, Saunders Elsevier
  - f. Elsevier Adaptive Learning for Kee's Pharmacology, 8th Edition 2014
  - g. Morrison-Valfre, Foundations of Mental Health Care, 5th Edition, 2012, Saunders Elsevier
  - h. Mosby's Nursing Video Skills: Student Online Version (User Guide and Access Code), 5th Edition, 2013, Saunders Elsevier
  - i. Pagana and Pagana, Mosby's Manual of Diagnostic & Laboratory & Tests, 5th Edition, 2014, Saunders Elsevier
  - j. Perry, Potter & Elkin, Nursing Interventions & Clinical Skills, 6th Edition, 2014, Saunders Elsevier
  - k. Silvestri, Saunders Comprehensive Review for the NCLEX-PN® Examination, 6th Edition, 2014, Saunders Elsevier
  - l. Touhy & Jett. Gerontological Nursing and Healthy Aging, 4th Edition, 2014, Mosby
  - m. Leifer, Introduction to Maternity & Pediatric Nursing, Saunders Elsevier, 7th Edition, 2014
  - n. Leifer, Virtual Clinical Excursions for Introduction to Maternity & Pediatric Nursing, 7th Edition, 2007, Saunders Elsevier
  - o. Mosby's Nursing Video Skills: Care of Infants and Children DVDs, 2007
  - p. Mosby's Nursing Video Skill: Maternal, Newborn and Women's Health DVDs, 2007
  - q. Potter: Fundamentals of Nursing, 8th Edition, 2013
  - r. Elsevier Adaptive Learning for Potter's Fundamentals of Nursing, 8th Edition 2014 .
  - s. Elsevier Adaptive Quizzing for DeWit's Medical-Surgical Nursing, 2nd Edition 2014
  - t. Elsevier Adaptive Quizzing for the NCLEX-PN Exam, 2014
  - u. Leifer: Study Guide for Introduction to Maternity & Pediatric Nursing, 7th Edition 2014