

**NRV 53 Course Outline as of Fall 2021****CATALOG INFORMATION**

Dept and Nbr: NRV 53 Title: ADV VOCATIONAL NURSING

Full Title: Advanced Vocational Nursing Theory

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	12	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 advanced level theory course in the Vocational Nursing program. Concepts learned in prerequisite theory courses are integrated in the study of nursing care for severely acute and chronically ill patients. Care of clients in hospitals, and community-based settings such as: ambulatory care, home care, and other ancillary health settings is incorporated. The team-leading, delegation, leadership and supervision role in a skilled nursing/rehabilitation and ambulatory setting is a focus. Health promotion and maintenance are emphasized. Health problems common in the geriatric client, and concepts of: critical thinking, culturally congruent care, end-of-life care and legal/ethical dilemmas arising in nursing care are explored. Community health and illness prevention are studied.

**Prerequisites/Corequisites:**

Course Completion of NRV 52.1 and NRV 52.1L and NRV 52.2 and NRV 52.2L and NRV 58B and Concurrent Enrollment in NRV 53L and NRV 58C and Course Completion or Current Enrollment in PHARM 256.1 OR Course Completion of NRV 52.1 and NRV 52.1L and NRV 52.2 and NRV 52.2L and NRV 58B and Concurrent Enrollment in NRV 53L and NRV 58C and Course Completion of NR 256.1

**Recommended Preparation:**

## Limits on Enrollment:

### Schedule of Classes Information:

Description: This is the advanced level theory course in the Vocational Nursing program. Concepts learned in prerequisite theory courses are integrated in the study of nursing care for severely acute and chronically ill patients. Care of clients in hospitals, and community-based settings such as: ambulatory care, home care, and other ancillary health settings is incorporated. The team-leading, delegation, leadership and supervision role in a skilled nursing/rehabilitation and ambulatory setting is a focus. Health promotion and maintenance are emphasized. Health problems common in the geriatric client, and concepts of: critical thinking, culturally congruent care, end-of-life care and legal/ethical dilemmas arising in nursing care are explored.

Community health and illness prevention are studied. (Grade Only)

Prerequisites/Corequisites: Course Completion of NRV 52.1 and NRV 52.1L and NRV 52.2 and NRV 52.2L and NRV 58B and Concurrent Enrollment in NRV 53L and NRV 58C and Course Completion or Current Enrollment in PHARM 256.1 OR Course Completion of NRV 52.1 and NRV 52.1L and NRV 52.2 and NRV 52.2L and NRV 58B and Concurrent Enrollment in NRV 53L and NRV 58C and Course Completion of NR 256.1

Recommended:

Limits on Enrollment:

Transfer Credit:

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>		Effective:	Inactive:
<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. Use previously learned concepts and apply to the analysis of the needs of clients with unstable acute illness, severe chronic illness and mental health issues.
2. Analyze, compare and contrast, advanced clinical syndromes, in adult medical surgical and mental health clients.
3. In collaboration with the RN, formulate a plan and demonstrate skills related to leadership, delegation, critical thinking, problem solving and decision making in community health and in working with a group of clients in team leading in skilled nursing.
4. Apply theory to practice in working with adult clients with unstable acute illness and severe

chronic illness and mental health clients in need of higher level nursing care.

### **Objectives:**

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

1. Apply advanced level concepts to the analysis of needs of patients with unstable acute illness, severe chronic illness, and mental health illness.
2. Apply Orem's Self-Care Deficit Theory to clinical scenarios involving patients with multiple self-care deficits.
3. Apply adult development concepts to the design of nursing systems for the nursing care of older adults.
4. Collaborate with other nurses and health care professionals in solving problems related to hypothetical clinical scenarios where the VN assumes the leadership role.
5. Compare and contrast pathophysiological processes with effects in younger and older adults .
6. Predict the effects of medications on adults, including mental health clients.
7. Describe common clinical syndromes encountered in adults and older adults including typical nursing, medical and allied health care and pharmacologic therapies:
  - a. acute renal failure and end-stage renal disease
  - b. degenerative neurologic and muscular disorders
  - c. musculoskeletal diseases
  - d. electrolyte imbalances
  - e. integumentary disorders, especially those common to the elderly
  - f. immune system disorders
  - g. respiratory disorders
  - h. cardiac and vascular disorders
  - i. bowel disorders
  - j. hepatobiliary disorders
  - k. mental health disorders, including: mood disorders, bipolar, and schizophrenia
8. Formulate plans of care for patients in case scenarios with a focus on diagnostics, labs, monitoring and responses to treatment.
9. Design and implement brief tutorials for patients with chronic illness and those cared for in their homes.
10. Analyze ethical dilemmas related to organ transplant and end-of -life issues (especially those common in the frail elderly).
11. Compare and contrast strategies and techniques employed in the care of adults and the elderly.
12. Evaluate and present examples of community health resources.
13. Comply with the Nurse Practice Act.
14. Integrate professional relationships and membership in professional organizations into nursing practice.

### **Topics and Scope:**

1. Care of the gerontological patient in a variety of health settings:
  - a) changes of aging in normal physiologic processes
  - b) losses, sexuality issues, special concerns with pharmacologic and fluid balance
2. Advanced level of gerontological concepts with clinical experience in home care and skilled nursing in the community.
3. Common gerontologic and chronic illness concerns related to skin breakdown, current wound care, incontinence categories, and treatment options.
4. Peripheral vascular disorders and relationship to culture and aging.
5. Leadership role in the vocational nurse (VN) scope of practice including: team-leading role in skilled nursing and preceptee role in preparation for entry level job as a new graduate.

6. Vocational relationships and professional organizations:
  - a) BVNPT (Board of Vocational Nursing) roles/disciplinary hearing
  - b) team leadership and conflict resolution
  - c) delegation to unlicensed personnel
  - d) inter-shift reports and "getting and transcribing" of doctor's orders
7. Preceptorship theory with focus on teacher/learner roles, leadership, conflict resolution, self evaluation process, critical thinking and priority setting for entry level new graduate role.
8. Mental Health Nursing Assessment, intervention and evaluation of common disorders and monitoring of responses to psychotropic drugs.
9. End stage renal disease and organ transplants:
  - a) special care
  - b) diet
  - c) diagnostics
  - d) dialysis
  - e) drugs
  - f) overall nursing care and treatment plan, including: consents, costs, criteria, transplant care and concerns related to drugs and complications
10. Common chronic illness problems related to degenerative disorders of the neurologic system:
  - a) Parkinsons, myasthenia gravis, and multiple sclerosis, and more
  - b) nursing care and treatment plans
11. Advanced monitoring of fluid and electrolyte status of patients.
12. Chronic illness including degenerative disorders related to the muscular system and repetitive work injuries.
13. Advanced immunology theory:
  - a) Acquired Immunological Disease (AIDS): the current trends and treatments
  - b) hypersensitivity: allergy categories and treatment options
14. Cardiovascular disorders with a focus on cardiogenic shock, heart failure, pacemakers, and current trends in cardiology.
15. Common pulmonary problems: review of pneumonia, asthma, Acute Respiratory Distress Syndrome (ARDS), and cancer of the lung/head and neck, leading to tracheostomy.
16. Gastrointestinal system with a focus on malabsorption syndromes and stoma care, resulting from ulcerative disease processes.
17. Hepatic and pancreatic disorders with a focus on hepatitis categories:
  - a) latest trends and treatment
  - b) drug therapies and relationships with blood glucose monitoring and pancreatic enzyme replacement
18. Hematologic disorders reviewed with a focus on Sickle cell, Hodgkin's and non-Hodgkins, leukemias and anemias (nursing care and common treatment and drug therapy, monitoring of labs/diagnostics).
19. Emergency medical care with focus on burns and their categories for treatment, first aid, disasters, Cardio-Pulmonary Resuscitation (CPR), poisonings and prevention measures.
20. Critical thinking, priority setting, case study review for performing quick data base collection and five-minute assessment guidelines.
21. Community health nursing concepts and care of the chronically ill.
  - a) reimbursement issues and governmental regulations
  - b) special care needs of patients suffering from a variety of conditions on seizure meds and having rehabilitative needs
22. Public health issues: tuberculosis (TB) what's current in trends and treatment.

### **Assignment:**

1. Reading assignments: approximately 50-100 pages per week.

2. Written homework: answering of 5-20 objectives per week.
3. Case studies: approximately 1-2 per week for group discussion.
4. Community health report: one over the course of semester.
5. Dialysis report paper: one written report with teaching scenario.
6. Home care paper.
7. Quizzes: 1-2 per week.
8. Exams: approximately 4 exams over course of semester.
9. Final: one cumulative final exam.
10. Practice licensure exam.
11. Case scenarios, concept maps, portfolio, and textbook study guides.

**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.

Portfolios, including journals, concept maps, assigned papers.	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.

Case scenarios in delegation, leadership, nursing care priorities.	Problem solving 5 - 10%
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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, exams, and final exams.	Exams 80 - 90%
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**Other:** Includes any assessment tools that do not logically fit into the above categories.

Participation and attendance.	Other Category 0 - 5%
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**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