ADN 130 Health-Illness Concepts 1

Credits: 4 Contact Hours: 7

Pre-Requisites: ADN 120 (B- or higher), BI 121 and BI 122 (C or higher)

Co-Requisites: ADN 135, EN 102

Course Description:

This course is designed to further develop health care recipient, health and illness, and professional nursing and health care concepts with emphasis on the geriatric population. Health care recipient concept include functional ability and culture. Health and illness concepts include, elimination, perfusion, infection, pain, stress and coping, and interpersonal violence. Professional nursing and health care concepts include communication, health promotion, safety, professional identity, and clinical judgment. Upon completion, students should be able to provide safe nursing care to the geriatric client while incorporating the concepts identified in this course.

Course Outcomes:

1. Management of Care: The nursing student will provide and determine nursing care that enhances the care delivery to older adults to protect the client and health care personnel. (1.A.)

2. Safety and Infection Control: The nursing student protects geriatric clients and health care personnel from health and environmental hazards. (1.B.)

3. Health Promotion and Maintenance: The nursing student will determine nursing care of the geriatric client that incorporates the knowledge of expected growth and development principles, prevention and/or early detection of health problems, and strategies to achieve optimal health. (2)

4. Psychosocial Integrity: The nursing student will determine nursing care in a clinical setting that promotes and supports the emotional, mental and social well-being of the geriatric client experiencing stressful events, as well as geriatric clients with acute or chronic mental illness. (3)

5. Basic Care and Comfort: The nursing student will provide comfort and assistance in the performance of activities of daily living to the geriatric client. (4.A.)

6. Pharmacological and Parental Therapies: The nursing student will determine care related to the administration of medications and parenteral therapies. (4.B.)

7. Reduction of Risk Potential: The nursing student will reduce the likelihood that geriatric clients will develop complications or health problems related to existing conditions, treatments or procedures. (4.C.)

8. Physiological Adaptation: The nursing student will determine care for geriatric clients with acute, chronic or life threatening physical health conditions within a simulated setting. (4.D.)

(Outcomes 1-8 refer to the NCLEX-RN® Detailed Test Plan Item Writer/Item Reviewer/Nurse Educator Version. Parentheses refer to program outcomes/NCSBN Framework)

Integrated Charts
Implicit Bias Training Integrated Chart - ADN.docx
Integration of Microbiology into ADN Concept Based Curriculum.docx
Integration of Pharmacology into Concept Based ADN Curriculum.docx
Integration of Special Diets into Concept Based ADN Curriculum.docx

	Theory	
Outline	**Health Care Recipient Concepts**	**Exemplars**
Review of Health Care Recipient Concepts A. Definition B. Scope C. Attributes D. Theoretical Links E. Context to Nursing and Health Care F. Interrelated Concepts G. Exemplars		
	Culture	
	Functional Ability	Cataracts
		Delirium
		Dementia
		Fractures
		Glaucoma
		Hearing Disorders
		Macular Degeneration
		Osteoarthritis
		Parkinson's Disease
		Rheumatoid Arthritis
		Sleep Hygiene
Outline	**Health and Illness Concepts**	

Introduction of Health and Illness Concepts
A. Definition
B. Scope
C. Individual Risk Factors and Populations at Risk
D. Physiologic Process and Consequences
E. Assessment
    1. History
    2. Examination
    3. Diagnostic Studies
F. Clinical Management
    1. Primary Prevention
    2. Secondary Prevention
    3. Collaborative Interventions
G. Interrelated Concepts
H. Exemplars		

	Elimination	Benign Prostatic Hypertrophy
		Incontinence

	Infection	Cellulitis
		MDROs
		Tuberculosis
	Interpersonal Violence	Elder Abuse
	Pain	Management in older adults
	Perfusion	Fall Prevention
		Pressure Injury
		Wounds
	Stress & Coping	End of life
Outline	**Professional Nursing and Health Care Concepts**	
Review of Professional Nursing and Health Care Concepts A. Definition B. Scope C. Attributes D. Theoretical Links E. Context to Nursing and Health Care F. Interrelated Concepts G. Exemplars		
	Communication	Teaching/Education specific to older adult population
	Health Promotion	Specific to older adult population
	Safety	Fall Prevention
		Restraints

Clinical/Lab

Competencies (per NCLEX Test-Plan)	Leveling of Competency Verb	Assessment Method(s)
Integrate advance directives into client plan of care (1A)	Determine existence	End of life simulation CCM
Organize workload to manage time effectively (1A)		Clinical care of client
Initiate, evaluate and update client plan of care (1A)		CCM
Advocate for client rights and needs (1A)		CCM End of life simulation
Maintain client confidentiality and privacy (1A)		CCM Well Elder assignment
Provide and receive handoff of care (report) on assigned clients (1A)		Clinical care of client
Use approved terminology when documenting care (1A)	Determine	CCM Clinical care of client End of life simulation Well Elder Assignment

Prioritize the delivery of client care based on acuity (1A)	Determine prioritization	End of life simulation CCM
Practice in a manner consistent with the nurses' code of ethics (1A)		Well Elder Assignment End of life simulation CCM
Recognize limitations of self and others and utilize resources (1A)		Virtual Dementia Tour End of Life Simulation Well Elder Assignment
Report client conditions as required by law (e.g., abuse/neglect and communicable diseases) (1A)		CCM
Provide care within the legal scope of practice (1A)		Well Elder Assignment CCM
Assess client care environment (1B)		CCM Well Elder Assignment End of Life Simulation
Protect client from injury (1B)		Virtual Dementia Tour Well Elder Assignment End of Life Simulation CCM
Properly identify client when providing care (1B)		Well Elder Assignment End of Life Simulation
Acknowledge and document practice errors and near misses (1B)		End of Life Simulation
Apply principles of infection prevention (e.g., hand hygiene, aseptic technique, isolation, sterile technique, universal/standard enhanced barrier precautions) (1B)		Clinical care of geriatric client Well elder End of life simulation
Follow requirements when using restraints (1B)		Clinical care of client
Provide care and education for the adult client ages 65 years and over (2)		Well Elder Assignment CCM End of life simulation
Educate client about preventative care and health maintenance recommendations (2)		Well Elder Assignment CCM
Assess client for abuse or neglect and report, intervene, and/or escalate (3)		Well elder assignment
Assess client's ability to cope with life changes and provide support (3)		End of life simulation Well Elder assignment CCM
Assess the potential for violence and use safety precautions (3)		Well elder assignment CCM
Incorporate client cultural practices and beliefs when planning and providing care (3)		Well Elder assignment End of life simulation CCM
Provide end-of-life care and education to clients (3)		End of life simulation
Assess client support system to aid in plan of care (3)		Well Elder assignment CCM

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Provide care for a client experiencing grief or loss (3)		End of life simulation
Assess psychosocial factors influencing care and plan interventions (e.g., occupational, spiritual, environmental, financial) (3)		End of life simulation Well elder assignment CCM
Provide appropriate care for a client experiencing visual, auditory, and/or cognitive alterations (3)		Virtual Dementia Tour CCM
Recognize non-verbal cues to physical and/or psychological stressors (3)		End of life simulation CCM Well Elder assignment
Use therapeutic communication techniques (3)		Virtual Dementia Tour End of Life Simulation Well Elder assignment CCM
Assist client to compensate for a physical or sensory impairment (e.g., assistive devices, positioning) (4A)		Well Elder assignment CCM
Assess and manage client with an alteration in bowel and bladder elimination (4A)		Well Elder assignment CCM
Assess client for pain and intervene as appropriate (4A)		End of life simulation CCM Well Elder assignmen
Recognize complementary therapies and identify potential benefits and contraindications (e.g., aromatherapy, acupressure, supplements) (4A)	Identify	Well Elder assignment CCM
Provide non-pharmacological comfort measures (4A)		CCM Well Elder assignment End of Life Simulation
Evaluate the client's nutritional status and intervene as needed (4A)		Well Elder assignment CCM
Evaluate client intake and output and intervene as needed (4A)		CCM
Perform post-mortem care (4A)		End of Life Simulation
Assess client sleep/rest pattern and intervene as needed (4A)		CCM Well Elder assignment
Perform calculations needed for medication administration (4B)		Clinical care of geriatric client End of Life Simulation CCM
Evaluate client response to medication (4B)		End of Life Simulation CCM
Educate client about medications (4B)		CCM Well Elder assignment
Prepare and administer medications using rights of medication administration (4B)		CCM
Review pertinent data prior to medication administration (e.g., contraindications, lab results, allergies, potential interactions) (4B)		CCM

Evaluate appropriateness and accuracy of medication order for client (4B)		End of Life Simulation
Administer medications for pain management (4B)		Clinical care of geriatric clients End of Life Simulation
Handle and administer controlled substances within regulatory guidelines (4B)		End of Life Simulation CCM
Use precautions to prevent injury and/or complications associated with a procedure or diagnosis (4C)		Virtual Dementia Tour CCM
Evaluate client responses to procedures and treatments (4C)		Clinical care of geriatric client
Recognize trends and changes in client condition and intervene as needed (4C)		Clinical care of geriatric client and end of life simulation
Educate client about treatments and procedures (4C)		Clinical care of geriatric client Well Elder Assignment End of Life Simulation
Manage the care of the client with a fluid and electrolyte imbalance (4D)		Clinical care of geriatric clients
Identify pathophysiology related to an acute or chronic condition (4D)		Virtual Dementia Tour End of Life Simulation CCM
Recognize signs and symptoms of client complications and intervene (4D)		End of Life Simulation

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