Montgomery County Community College
NUR 115
Concepts of Nursing II: Caring for the Adult Client with Acute and Chronic Illnesses
3-2-3

COURSE DESCRIPTION:
Building upon the foundation for professional nursing practice, this course focuses on applying and integrating the concepts of nursing when caring for the adult with acute and chronic illnesses. The student identifies health care needs of the adult using clinical reasoning and judgement with the integration of the nursing process applied to specific illnesses. Emphasis is placed on applying nursing skills when caring for the adult in varied health care settings. This course is subject to a course fee. Refer to http://mc3.edu/adm-fin-aid/paying/tuition/course-fees for current rates.

REQUISITES
Previous Course Requirements
Option 1
- NUR 114 Concepts of Nursing with a minimum grade of "C" within 1 year

Option 2 (Licensed LPN Only)
- NUR 107 Introduction to Professional Nursing: Concepts for Transitioning to Practice may only be one year old; if advancing from NUR 107 must also have:
  - TEAS composite score of 75% or greater*
    - *(NOTE: If received a "B' or better in BIO131, BIO132, or BIO140 then TEAS composite score of 65% or greater)*
  - TEAS Reading Comprehension score of 75% or greater

All Students
- BIO 132 Human Anatomy and Physiology II with a minimum grade of "C" within 5 years
- ENG 101 English Composition 1 with a minimum grade of "C"
- PSY 206 Human Development: A Life Span Approach with a minimum grade of "C"

Previous or Concurrent Course Requirements
- ESW 206 Basic Nutrition
- ENG 102 English Composition II
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Concurrent Course Requirements
- NUR 116 Concepts of Nursing III: Caring for Children and Childbearing Families
- Clinical requirements complete, and current as per Program guidelines.

Upon successful completion of this course, the student will be able to:

LEARNING OUTCOMES	LEARNING ACTIVITIES	EVALUATION METHODS
1. Apply the concepts of nursing in caring for the adult client with diverse health care needs experiencing acute and chronic illnesses	Active learning assignments Assigned readings Audio-visual resources Case studies Clinical experiences/assignments Reflective journal Lecture/Discussion Simulation experience	Clinical evaluation tool Discussion Rubric Evaluation of active learning assignments Exam questions Simulation evaluation Evaluation of reflective journal
2. Apply clinical reasoning and judgement to integrate the nursing process in caring for the adult client with diverse health care needs experiencing acute and chronic illnesses	Assigned readings Active learning assignments Case studies Clinical experiences/assignments Lecture/Discussion Reflective journal Simulation experience	Clinical evaluation tool Discussion Evaluation of active learning assignments Evaluation of reflective journal Exam questions Simulation evaluation
3. Analyze current standards of practice in providing holistic, quality care within the legal ethical framework of professional nursing practice	Assigned readings Active learning assignments Case studies Clinical experiences/assignments Lecture/Discussion Research assignment Simulation experience Teaching-learning assignment	Clinical evaluation tool Discussion Evaluation of active learning assignments Research assignment grading rubric Simulation evaluation Teaching-learning rubric
4. Perform nursing skills safely and consistently, with increasing independence to ensure quality client care.	Audio-visual resources Clinical experiences/assignments Laboratory/skills practice Simulation experience	Clinical evaluation tool Skills Testing Simulation evaluation
5. Communicate with respect and shared decision-making within nursing and interdisciplinary teams to provide quality client	Clinical experiences/assignments Teaching-Learning assignment Simulation/Interprofessional education (IPE) experience	Clinical evaluation tool Discussion Simulation evaluation Teaching-learning grading rubric

LEARNING OUTCOMES	LEARNING ACTIVITIES	EVALUATION METHODS
care		
6. Incorporate informational technology to communicate, manage knowledge, mitigate error and support decision–making	Clinical experiences/assignments Lecture/Discussion Simulation/IPE experience	Clinical evaluation tool Discussion Simulation Evaluation
7. Demonstrate caring behaviors in self and others	Clinical experiences/assignments Reflective journal	Clinical evaluation tool Discussion Evaluation of reflective journal
8. Participate in activities that foster personal and professional growth	Audio-Visual Resources Clinical experiences/assignments Lecture/Discussion Simulation Experience Teaching/Learning assignment Reflective journal	Clinical Evaluation Discussion Teaching/Learning grading rubric Evaluation of reflective journal

At the conclusion of each semester/session, assessment of the learning outcomes will be completed by course faculty using the listed evaluation method(s). Aggregated results will be submitted to the Associate Vice President of Academic Affairs. The benchmark for each learning outcome is that *70% of students will meet or exceed outcome criteria*.

SEQUENCE OF TOPICS:
I.   QSEN Competencies (threaded through the course)
    a. Client centered care
    b. Teamwork and collaboration
    c. Evidence based practice
    d. Quality improvement
    e. Safety
    f. Informatics
II.   Health, wellness and illness
    a. Social Determinants of health associated with acute and chronic illnesses
    b. Screenings for alcohol and substance abuse
III.   Culture and Diversity
    a. Vulnerable populations for the development of acute and chronic illnesses
IV.   Development
    a. Assessment of developmental needs of the adult client.
V.   Coping and Stress
    a. Coping strategies for the hospitalized adult client
    b. Stress Management for the adult with acute and chronic illnesses

VI. Mood/Affect
    a. Assessment of situational anxiety/depression in the hospitalized adult.
    b. Caring for hospitalized adult experiencing anxiety/depression secondary to acute or chronic illness.

VII. Comfort
    a. Assessment of comfort/pain in the hospitalized adult undergoing surgery.
    b. Caring for the post-operative hospitalized adult.

VIII. Immunity
    a. Assessment of alterations in immunity in the adult client
    b. Caring for the adult client experiencing alterations in immune function
        i. Hypersensitivity
        ii. Rheumatoid arthritis

IX. Infection
    a. Caring for the adult client experiencing acute infectious processes
        i. Cellulitis
        ii. Urinary tract infection (UTI)

X. Tissue integrity
    a. Caring for the adult client with surgical wounds

XI. Metabolism
    a. Assessment of alterations in metabolism
    b. Caring for the adult client experiencing:
        i. Type 1 DM
        ii. Type 2 DM

XII. Oxygenation
    a. Assessment of the adult client experiencing alterations in oxygenation
    b. Caring for the adult client experiencing alterations in oxygenation
        i. Pneumonia
        ii. Post-operative respiratory complications

XIII. Acid-base
    a. Assessment of acid-base imbalances
    b. Caring for the adult client experiencing uncompensated acid-base imbalances

XIV. Perfusion
    a. Assessment of the adult client experiencing alterations in perfusion
    b. Caring for the adult client experiencing alterations in perfusion
        i. Sinus Dysrhythmias
        ii. PAD (LEAD, Acute Arterial ischemic Disorders, Raynaud's Phenomenon)
        iii. CAD/Angina
        iv. Hypertension
        v. DVT/VTE

XV. Inflammation
    a. Assessment of the adult client experiencing inflammation
    b. Caring for the adult client experiencing inflammation
        i. Gastritis
        ii. Peptic Ulcer Disease (PUD)
        iii. Cholecystitis

iv. Diverticulitis

v. Inflammatory Bowel Disease

XVI. Digestion

    a. Assessment of the adult client experiencing alterations in digestion

    b. Caring for the adult client experiencing alterations in digestion:

        i. Gastroesophageal Reflux Disorder (GERD)

        ii. Malabsorption Syndrome (Lactase Deficiency, Celiac Disease, Short Bowel Syndrome)

XVII. Elimination

    a. Caring for the adult client experiencing alterations in elimination

        i. Benign Prostatic Hyperplasia (BPH)

XVIII. Nursing skills and simulation are integrated throughout the course.

***Concept definitions are referenced from Arnoldussen, B., Callahan, B., Daley, L., Hand, M., Phillips, P., and Rodehorst, K. Eds. (2019). Nursing: A Concept-based Approach to Learning. (3rd ed). New York: Pearson Education, Inc.

REQUIRED TEXTBOOK AND MATERIALS:

Hinkle, J, Cheever, K, & Overbaugh, K (2022). *Brunner and Suddarth's textbook of medical-surgical nursing.* (15th ed.). Philadelphia, PA: Wolters Kluwer

Taylor, C., Lynn, P. & Bartlett, J. L. (2019). *Fundamentals of Nursing: The art and science of person-centered nursing care.* (9th ed.). Philadelphia, PA: Wolters Kluwer.

Lippincott Course Point +: The point.lww.com/coursepointplus

ATI: https://atitesting.com

Other learning materials may be required and made available directly to the student and/or via the College's Libraries and/or course management system.

COURSE APPROVAL:
Prepared by: Denise Davidson   Date: 4/2021
VPAA/Provost or designee Compliance Verification:
       Gloria Oikelome, Ed.D.   Date: 4/2021

Revised by: Denise Davidson   Date: 4/20/2022
VPAA or designee Compliance Verification: Date: 4/26/2022

This course is consistent with Montgomery County Community College's mission. It was developed, approved and will be delivered in full compliance with the policies and procedures established by the College.