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| Course Number NRS150 | Course Title Concepts of Nursing Practice II | Credits 6 |
| Hours: Lecture/Lab/Other 3/3/8 | Co- or Pre-requisite Pre-requisites: NRS115 | Implementation Semester & Year Spring 2024 |

Catalog description:

This course builds on the first semester nursing coursework to advance the understanding of concepts of nursing practice with application to care of diverse clients with uncomplicated acute and chronic conditions across the lifespan, including the client with mental health disorders. The application of knowledge and skills occurs in the nursing laboratories and a variety of clinical settings.

General Education Category:
Not Gen Ed

Course coordinator: Nursing faculty TBD

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Required texts & Other materials:

Adams, M.L., Holland, L.N. & Urban, C.Q. (2019) Pharmacology for Nurses A Pathophysiologic Approach. (6th Edition) Pearson Education, Inc. ISBN: 978-0135218334

Callahan, B. (2018). Clinical Nursing Skills: A Concept-Based Approach to Learning, Volume Three, 3rd. Edition. Pearson Education, Inc. ISBN: 978-0134616834

Giangrasso, A., & Shrimpton, D. (2013). Dosage calculations: a multi-method approach. Pearson Education, Inc. ISBN: 978-0132158626

MyNursingLab: Electronic resource bundle from Pearson that includes study materials and additional electronic textbooks. Sold in college bookstore as a bundle with concept textbooks and pharmacology text. May be purchased separately for approximately \$310 by visiting <https://registration.mypearson.com/#payment-option>

Pearson. (2018). Nursing: A Concept-Based Approach to Learning, Volume I, 3rd Edition Pearson Education, Inc. ISBN 978-0134616803

Pearson. (2018). Nursing: A Concept-Based Approach to Learning, Volume II, 3rd Edition Pearson Education, Inc. ISBN 978-0134616803

Silvestri, L.A, (2020) Saunders Comprehensive Review for the NCLEX-RN Examination, 8th Edition. Elsevier Saunders. ISBN 978-0323672849

Adobe PDF Reader (Free Version) installed on your computer or device

Microsoft Teams App installed on your device. This is free through your MyMercer account.

Stethoscope, blood pressure cuff, penlight, and wrist watch with a second hand

Regular access to a computer with internet access and ability to generate Microsoft Office documents (Word, Excel, and PowerPoint).

Course Student Learning Outcomes (SLO):

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

CLO1: Demonstrate clinical judgement to provide safe, evidence-informed patient-centered nursing care in a variety of healthcare settings to diverse patient populations across the lifespan, including the client with mental illness. (PLO1, ILG2, ILG3, IGL11).

CLO2: Apply written and verbal therapeutic communication, information literacy, and use of healthcare technology to promote safe and positive outcomes through the continuum of care delivery. (PLO2, ILG1, ILG4, ILG10).

CLO3: Understand the importance of collaborative relationships with members of the interprofessional team, the patient, and the patient's support person to promote care that incorporates a culturally humble and holistic focus. (PLO3, ILG5, ILG8).

CLO4: Discuss the importance of health equity through the inclusion of social determinants of health in the nursing process. (PLO4, ILG5, IGL11).

CLO5: Describe a professional identity that includes a spirit of inquiry and an ethical practice with advocacy for patient centered care. (PLO5, ILG9).

Course-specific Institutional Learning Goals (ILG):

Institutional Learning Goal 1. Written and Oral Communication in English. Students will communicate effectively in both speech and writing.

Institutional Learning Goal 2. Mathematics. Students will use appropriate mathematical and statistical concepts and operations to interpret data and to solve problems.

Institutional Learning Goal 3. Science. Students will use the scientific method of inquiry, through the acquisition of scientific knowledge.

Institutional Learning Goal 4. Technology. Students will use computer systems or other appropriate forms of technology to achieve educational and personal goals.

Institutional Learning Goal 5. Social Science. Students will use social science theories and concepts to analyze human behavior and social and political institutions and to act as responsible citizens.

Institutional Learning Goal 8. Diversity and Global Perspective: Students will understand the importance of a global perspective and culturally diverse peoples

Institutional Learning Goal 9. Ethical Reasoning and Action. Students will understand ethical frameworks, issues, and situations.

Institutional Learning Goal 10. Information Literacy: Students will recognize when information is needed and have the knowledge and skills to locate, evaluate, and effectively use information for college level work.

Institutional Learning Goal 11. Critical Thinking: Students will use critical thinking skills understand, analyze, or apply information or solve problems.

Program Learning Outcomes for Nursing

PLO1: Apply clinical judgement to provide safe, evidence-informed patient-centered nursing care in a variety of healthcare settings to diverse patient populations across the lifespan. (ILG2, ILG3, IGL11)

PLO2: Implement written and verbal therapeutic communication, information literacy, and use of healthcare technology to promote safe and positive outcomes through the continuum of care delivery. (ILG1, ILG4, ILG10)

PLO3: Collaborate with members of the interprofessional team, the patient, and the patient's support person to promote care that incorporates a culturally humble and holistic focus (ILG5, ILG8)

PLO4: Promote health equity through the inclusion of social determinants of health in the nursing process (ILG5, IGL11).

PLO5: Develop a professional identity that includes a spirit of inquiry and an ethical practice with advocacy for patient centered care (ILG9).

Unit 1: Basic Needs (Support CLO1, 2, 3, 4,5)

Learning Objective: Explain nursing care for clients with uncomplicated acute and chronic alterations in basic needs.

1. Sleep
 - a. Insomnia
 - b. Obstructive Sleep Apnea
2. Nutrition and Digestion
 - a. Anorexia nervosa
 - b. Bulimia
 - c. Pyloric stenosis
 - d. Intussusception
 - e. Malabsorption
3. Elimination
 - a. Bowel obstruction
 - b. Bladder retention
 - c. Benign prostate hypertrophy
 - d. Kidney stones
4. Intracranial Regulation
 - a. Seizures and epilepsy

Unit 2: Oxygenation, Perfusion, and Acid Base Balance (Supports CLO1, 2, 3, 4,5)

Learning Objective: Explain nursing care for clients with uncomplicated acute and chronic alterations in oxygenation, perfusion, and acid base.

5. Acid base balance
 - a. Respiratory acidosis
 - i. Metabolic acidosis
 - b. Respiratory alkalosis
 - c. Metabolic alkalosis
6. Perfusion
 - a. Peripheral vascular disease
 - b. Deep vein thrombosis
7. Oxygenation
 - a. Pneumonia
 - b. Asthma
 - c. COPD
 - d. RSV
 - e. flu

Unit 3: Metabolism (Supports CLO1, 2, 3, 4,5)

Learning Objective: Explain nursing care for clients with uncomplicated acute and chronic alterations in metabolism.

8. Metabolism and Hormonal Regulation
 - a. Diabetes
9. Tissue Integrity
 - a. Diabetic foot ulcer with diabetes
10. Sensory Perception
 - a. Peripheral neuropathy with diabetes

Unit 4: Inflammation, Infection, Immunity, and Mobility (Supports CLO1, 2, 3, 4,5)

Learning Objective: Explain nursing care for clients with uncomplicated acute and chronic alterations in inflammation, infection, immunity, and mobility.

11. Inflammation and Infection
 - a. Cholecystitis
 - b. Appendicitis
 - c. Inflammatory bowel disease/Chrohns
 - d. Infection
 - e. Cellulitis
 - f. meningitis
 - g. Urinary tract infection
 - h. CAUTI
 - i. Pyelonephritis
12. Immunity
 - a. HIV
13. Mobility
 - a. Gullian Barre
 - b. ALS
 - c. Cerebral palsy
 - d. Muscular dystrophy

- e. Osteomyelitis
- f. Fracture
- g. amputation

Unit 5: Self and Interpersonal Relations (Supports CLO1, 2, 3, 4,5)

Learning Objective: Explain nursing care for clients with uncomplicated acute and chronic alterations in self and interpersonal relations.

14. Cognition

- a. Schizophrenia
- b. psychosis

15. Mood/affect

- a. Depression
- b. Anxiety
- c. bipolar

16. Interpersonal violence

- a. Suicide

17. Addiction.

- a. Substance abuse disorders

Unit 6; Perioperative care (Supports CLO1, 2, 3, 4,5)

Learning Objective: Explain nursing care for clients with uncomplicated acute and chronic alterations in the perioperative care setting.

18. Perioperative care

- a. Pre-operative
- b. Intra-operative
- c. Post-operative

19. Thermoregulation

- a. Malignant hyperthermia

Evaluation of student learning:

| Assessment | Percentage of Grade |
|-------------------------|----------------------------|
| Exam 1 | 12% |
| Exam 2 | 12% |
| Exam 3 | 12% |
| Exam 4 | 12% |
| Exam 5 | 12% |
| Final Cumulative Exam | 25% |
| Mental Health HESI Exam | 5% |
| Medical-Surgical | 2.5% |
| Pediatric HESI Exams | 2.5% |
| vSIM Patient Scenarios | 5% |
| Total | 100% |