



School of Nursing and Health Professions Syllabus



Term: Spring

Credit: 9

Office Location:

Course Code: NSG 220

Email:

Title of Course: NURSING IV

Phone:

Days & Times:

Prerequisites: NSG 210, BIO 250, PSY 260,

Location:

HUM 101, ENG 112

Instructor:

Corequisites:

Office Hours:

COURSE DESCRIPTION:

This course focuses on patients in crisis requiring complex nursing care. Content will be arranged in concepts related to oxygenation, nutrition, elimination, activity and rest, protection, sensing, fluid and electrolytes, neurologic and endocrine function. Pharmacology and QSEN concepts of patient-centered care, teamwork and collaboration, evidence-based practice, quality improvement, safety, and informatics, will be integrated throughout the course. It will include Child Health Nursing. Emphasis will be placed on managing nursing care for multiple patients, delegation and assumption of a leadership role.

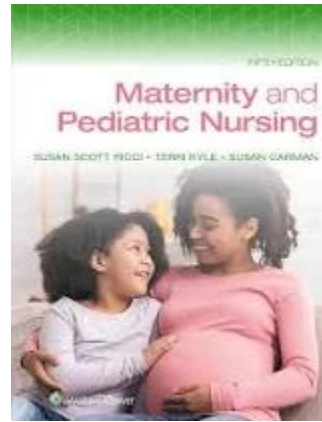
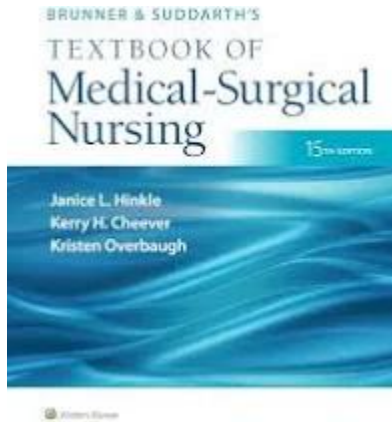
COURSE OBJECTIVES:

1. Examine strategies for improving systems to support team functioning when providing patient centered care
2. Design therapeutic interventions which are supported by current trends and evidence based practice.
3. Evaluate professional behaviors in self and others
4. Analyze approaches for changing processes of care.
5. Contrast the benefits and limitations of different communication technologies and their impact on safety and quality
6. Evaluate effectiveness of critical thinking based upon problem resolution incorporating principles of safety, within a timely manner.
7. Analyze ethical and legal dilemmas with child rearing families and patients experiencing crises.

Lab/Clinical: 15 HR/WK, 225 HOURS/SEMESTER

TEXTBOOK REQUIRED:

- Hinkle & Cheever. Lippincott CoursePoint Plus for Brunner & Suddarth's medical-surgical nursing. 15th ed. (two-year access). Lippincott Williams Wilkins. (CoursePoint Plus includes e-book, VSim for med-surg, and PrepU)
ISBN 978-1-9751-8677-7



- Lippincott CoursePoint for Ricci, Kyle & Carman: Maternity and Pediatric Nursing, 5th ed. CoursePoint includes e-book and PrepU. ISBN: 978-1-975-156769-4
- *Books from previous nursing courses are also required.

ELECTRONIC REQUIRED:

- Kaplan Nursing Integrated Testing Program.
- Swift River Virtual Clinicals
- HCCC (Canvas) Course Management System.
Fully hosted and supported online course management system. Please review the helpful resources and reminders to help get you started and ensure your continued success. Students are required to review Canvas on a daily basis and check posted announcements.
- Lippincott CoursePoint Plus (Maternity and Pediatric Nursing, Medical-Surgical Nursing)
- Wilkinson: Davis's Nursing Skills Videos

TEXTBOOK OPTIONAL:

- Dillon, Nursing Health Assessment: The Foundation of Clinical Practice. F. A. Davis
- Dudek. Nutrition Essentials for Nursing Practice 7th ed. Lippincott, Williams & Wilkins
- Pickar. Dosage Calculations. 9th ed. Delmar Publishers
- Tabers 23 Cyclopedic Medical Dictionary.
- Van Leeuwen, Poelhuis-Lethm & Bladh. Davis's Comprehensive Handbook of Laboratory and Diagnostic Tests with Nursing Implications 7th ed. F. A. Davis

EVALUATION METHODS:

- (1) Unit Exams (4 at 15% each) 60%
- (2) Final Exam (Cumulative) 25%
- (3) Kaplan Capstone Assignments 4%
- (4) Kaplan RN Integrated Test Medical-Surgical Comprehensive A 4%
- (5) Kaplan RN Integrated Test Pediatric A 3%
- (6) Performance Improvement Paper 4%
- (7) Clinical Pass/Fail

WEEKLY OUTLINE:

Week	Topic
1	Critical Care Calculation Assignment (PPT) Calculation Module
2	<p>Pediatrics: Growth & Development; Care of the hospitalized family; Children’s concept of illness. Separation anxiety; Oxygenation</p> <p>Critical Care: Introduction to critical care Ethical-Legal issues related to critical care; End of life issues; Psychosocial and cultural issues; Needs of patients and families experiencing critical illness; Sensory alterations related to the critical care environment; (PPT); Critical Care Calculation. (PPT) Math Calculation Module</p> <p>Oxygenation: Physiology of Respiration ABG interpretation; Care of clients with respiratory failure; ARDS Artificial airways; COVID- 19 (Case Study) Care of clients requiring mechanical ventilation;</p>
3	<p>Pediatrics: Upper and lower respiratory tract disorders; Chronic respiratory disorders; Congenital and acquired heart disorders; Anemias; Disorders of clotting</p> <p>Critical Care: Alt in perfusion (cardiac) Mgt of dysrhythmias;</p>

	<p>Antidysrhythmic drugs; Code management; Code drugs; ACS/Acute MI Test taking strategies; PPT Delegation & Management concepts (PPT)</p>
4	<p><u>Critical Care:</u> Hemodynamic monitoring Perfusion: Shock (Distributive, Hypovolemic, Cardiogenic) Hypertensive crisis; Pharm review module(antibiotics) PPT</p>
5	<p><u>Critical Care:</u> Cardiac surgery (angioplasty and stenting) CABG; Valve replacement; Aortic Aneurysms Oncologic Emergencies. DIC</p>
6	<p><u>Pediatrics:</u> Nutrition/Elimination/Protection; Pediatric Nutrition; Disorders of Motility; Obstructive disorders; Inflammatory diseases; Communicable diseases; Neoplastic disease; Immunologic disease; Child abuse;</p> <p><u>Critical Care:</u> Care of the client with burns</p>
7	<p><u>Critical Care:</u> Care of the client with organ transplant. Liver Transplant Bone Marrow Tx Kidney Tx Heart Tx</p> <p><u>Critical Care:</u> Endo Crisis: HHS & DKA</p>
8	<p><u>Pediatrics:</u> Musculoskeletal disorders</p>
9	<p><u>Pediatrics:</u> Sensing/Fluid and electrolytes Hearing/visual/cognitive impairment; Renal disorders; Genitourinary disorders; pediatric pain</p> <p><u>Critical Care:</u> Client with renal failure; Acute kidney injury Chronic renal failure/ESRD Disaster Nursing (module) PPT</p>

11	
12	Critical Care: Multiple Trauma Chest Abdomen
13	Pediatrics Endocrine/interdependence; The family in crisis; Age- appropriate concepts of death Nursing Attributes & Roles <ul style="list-style-type: none"> • Ethics • Health Care Infrastructure • Health Care Law Peds Pharmacology (module) Critical Care: Neurologic crisis (Module) Increased ICP & Intracranial surgery Traumatic brain injury
14	Critical Care: Neurologic crisis Brain Tumors Intracerebral Bleed (AVMs & Aneurysms)
15	Exam #4 Kaplan RN Integrated Test Pharmacology D NGN

HCCC POLICIES, STATEMENTS, AND SERVICES:

<https://www.hccc.edu/administration/academic-affairs/syllabus-addendum.html>