

COURSE SYLLABUS

LAST REVIEW	Spring 2021
COURSE TITLE	Nursing Concepts for Clients with Multisystem and Emergent Health Problems
COURSE NUMBER	NURS 0244
DIVISION	Health Professions
DEPARTMENT	Nursing/Registered Nurse
CIP CODE	51.3801
CREDIT HOURS	4
CONTACT HOURS/WEEK	Class: 2 Clinical: 6
PREREQUISITES	NURS 0131, NURS 0132, NURS 0143, NURS 0243
COURSE PLACEMENT	This course is part of a selective admission program. Students must be admitted to the Nursing/Registered Nurse program to enroll in this course.

COURSE DESCRIPTION

This course focuses on concepts associated with evidence-based care of diverse clients who have multisystem and emergent health problems, including the role of the nurse in mass casualty events. Students will have the opportunity to collaborate with members of the interprofessional health care team to coordinate care to meet optimal client outcomes in a variety of health care settings.

PROGRAM ALIGNMENT

This course is part of a program aligned through the Kansas Board of Regents and Technical Education Authority. For more information, please visit:

https://kansasregents.org/workforce_development/program-alignment

PROGRAM LEARNING OUTCOMES

1. Integrate caring behaviors in practicing the art and science of nursing within a diverse population.
2. Implement professional standards and scope of practice within legal, ethical, and regulatory frameworks.
3. Collaborate with clients and members of the inter-professional health care team to optimize client outcomes.
4. Formulate safe and effective clinical judgements guided by the nursing process, clinical reasoning, and evidence-based practice.
5. Provide leadership in the management of care to meet client needs using available resources and current technology.

6. Generate teaching and learning processes to promote and maintain health and to reduce risks for a global population.
7. Demonstrate effective communication methods to manage client needs and to interact with other health care team members.

TEXTBOOKS

<http://kckccbookstore.com/>

METHODS OF INSTRUCTION

A variety of instructional methods may be used depending on content area. These include but are not limited to: lecture, multimedia, cooperative/collaborative learning, labs and demonstrations, projects and presentations, speeches, debates, panels, conferencing, performances, and learning experiences outside the classroom. Methodology will be selected to best meet student needs.

COURSE OUTLINE

- I. Clotting for Client's Across the Lifespan
 - A. DIC
 - B. HELLP
 - C. Idiopathic thrombocytopenic purpura
 - D. Pulmonary embolism
- II. Cognition for Client's Across the Lifespan
 - Traumatic brain injury
- III. Digestion for Client's Across the Lifespan
 - Pancreatitis, acute & chronic
- IV. Gas Exchange for Client's Across the Lifespan
 - A. ARDS
 - B. Pneumothorax
- V. Immunity for Client's Across the Lifespan
 - Transplants
- VI. Metabolism for Client's Across the Lifespan
 - A. Diabetic ketoacidosis
 - B. Hyperosmolar hyperglycemic state
- VII. Mobility for Client's Across the Lifespan
 - Spinal Cord Injury

- VIII. Perfusion for Client's Across the Lifespan
 - A. Sickle-cell anemia
 - B. Shock
 - 1. Cardiogenic
 - 2. Hypovolemic
 - 3. Neurogenic
 - 4. Septic

- IX. Tissue Integrity for Client's Across the Lifespan
 - Burns

COURSE LEARNING OUTCOMES

Upon successful completion of this course, the student will:

- A. Demonstrate caring client-centered professional behaviors within legal standards and ethical guidelines. (EPSLO 1 & 2)
- B. Collaborate with members of the interprofessional health care team to ensure client safety and meet optimal client outcomes in a variety of health care settings. (EPSLO 3 & 7)
- C. Utilize clinical reasoning and nursing judgment to manage evidence-based care for diverse clients across the lifespan with multisystem and emergent health problems. (EPSLO 1 & 4)
- D. Apply principles of disaster planning and mass casualty triage using a simulated experience. (EPSLO 4, 5 & 7)

ASSESSMENT OF COURSE LEARNING OUTCOMES

Student progress is evaluated through both formative and summative assessment methods. Specific details may be found in the instructor's course information document.

COLLEGE POLICIES AND PROCEDURES

Student Handbook

<https://www.kckcc.edu/files/docs/student-resources/student-handbook-and-code-of-conduct.pdf>

College Catalog

<https://www.kckcc.edu/academics/catalog/index.html>

College Policies and Statements

<https://www.kckcc.edu/about/policies-statements/index.html>

Accessibility and Accommodations

<https://www.kckcc.edu/academics/resources/student-accessibility-support-services/index.html>

