

Syllabus

LAST REVIEW	Spring 2021
COURSE TITLE	Basic Concepts of Pathophysiology
COURSE NUMBER	NURS 0135
DIVISION	Health Professions
DEPARTMENT	Nursing
CIP CODE	51.3801
CREDIT HOURS	3
CONTACT HOURS/WEEK	Class: 3
PREREQUISITES	BIOL 0141, BIOL 0271, and BIOL 0272
COURSE PLACEMENT	Students must meet the correct placement measure for this course. Information may be found at: https://www.kckcc.edu/admissions/information/mandatory-evaluation-placement.html

COURSE DESCRIPTION

This course is designed to enhance the understanding of common disease processes that occur in diverse individuals across the lifespan. Alterations in physiological functions of the human body and general concepts of disease processes, including the etiology, pathophysiology, and clinical manifestations, are discussed. Altered physiological functions are described at a basic cellular, organ, and systemic level. *Students are encouraged to take BIOL 0261 before or at the same time at this course.*

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

- A. Integrate caring behaviors in practicing the art and science of nursing within a diverse population.
- B. Implement professional standards and scope of practice within legal, ethical, and regulatory frameworks.
- C. Collaborate with clients and members of the inter-professional health care team to optimize client outcomes.**
- D. Formulate safe and effective clinical judgements guided by the nursing process, clinical reasoning, and evidence-based practice.

- E. Manage care and provide leadership to meet client needs using available resources and current technology.
- F. Generate teaching and learning processes to promote and maintain health and to reduce risks for a global population.**
- G. 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. Introduction to pathophysiology
- II. Immune system
- III. Nervous system
- IV. Neuromuscular & skeletal systems
- V. Endocrine system
- VI. Circulatory system
- VII. Integumentary system
- VIII. Renal system
- IX. Respiratory system
- X. Digestive & excretory systems

COURSE LEARNING OUTCOMES AND COMPETENCIES

Upon successful completion of this course, the student will:

- A. Define the basic pathogenesis of human disease.
- B. Describe the basic pathophysiology and etiology of common disease processes of each major body system.
- C. Apply knowledge of anatomy and physiology to identify typical clinical manifestations of commonly occurring disease processes.
- D. Explain the impact of variables, including age, gender, race, and ethnicity, on the occurrence and clinical manifestations of commonly occurring disease processes.

ASSESSMENT OF COURSE LEARNING OUTCOMES AND COMPETENCIES

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>.