

COURSE SYLLABUS
Southeast Missouri State University

Department of Nursing Course No. NS636

Title of Course: Advanced Pathophysiology Revision X

I. Catalog Description and Credit Hours of Course:

Explores the physiologic human response to illness. (4)

II. Prerequisite(s): Graduate status or Instructor Consent.

III. Purposes or Objectives of the Course:

- A. Analyze the relationship between normal physiology and specific system alterations produced by disease.
- B. Examine the etiology, developmental considerations, pathogenesis and clinical manifestations of specific disease processes across the lifespan.
- C. Analyze the genetic and environmental risk factors of various pathological disorders.
- D. Interpret symptomatology, laboratory data, and other measures of physiological function in relation to actual or potential pathophysiological processes.
- E. Demonstrate knowledge of pathophysiology of acute and chronic diseases

IV. Student Learning Objectives:

- A. Compare and contrast ways pathology alters physiologic processes.
- B. Participate in discussion about lifespan considerations of pathophysiological processes.
- C. Demonstrate knowledge of pathophysiology of acute and chronic diseases

V. Expectations of Students:

- A. The instructor expects the students will read the required assignment prior to attending class.
- B. Students are expected to comply with the expectations for civility, respect, and academic honesty as described in Southeast Missouri State University's *Statement of Student Rights and Code of Student Conduct*, as well as all responsibilities described in the current *MSN Student Handbook*.
 1. Academic Honesty: Students will be expected to abide by the University Policy for Academic Honesty regarding plagiarism and academic honesty. Refer to: <http://www6.semo.edu/judaffairsw/code.html>
 2. Civility: "Every student at southeast is obligated at all times to assume responsibility for his/her actions, to respect constituted authority, to be truthful, and to respect the rights of others, as well as to respect private and public property. In their academic activities, students are expected to maintain high standards of honesty and integrity and abide by the University's *Policy on Academic Honesty*. Alleged violations of the Code of Student Conduct are adjudicated in accordance with the established procedures of the judicial system." (From the preamble of the

Statement of Student Rights and Code of Student Conduct, revised January 8, 2004,
Southeast Missouri State University)

- C. Student with Disabilities Information: If a student has a special need addressed by the Americans with Disabilities Act (ADA) and requires materials in an alternative format, please notify the instructor at the beginning of the course. Reasonable efforts will be made to accommodate special needs. "Any student who believes that they may need an academic accommodation based on the impact of a disability should contact the instructor to arrange an appointment to discuss their individual needs. Instructors rely on Disability Support Services as a student with a disability will be encouraged to do so." In other words, accommodations do not have to be given unless the disability is verified by Disability Support Services (573-651-5927). (Located on the Disability Support webpage).
- D. Incomplete Course Grades: Should a student receive an incomplete grade in this course, the course instructor will be responsible for determining the time period allotted for completion of course requirements. A written contract between the course instructor and student will indicate the reason for the incomplete, the work that must be completed, the deadline for completing the work, and signatures of both parties. A copy of the contract will be maintained by the instructor and the student and placed in the student's file.
- E. Questions, comments, or requests regarding this course should be taken to your instructor. Unanswered questions or unresolved issues involving this class may be taken to Dr. Gloria Green, Chairperson, Department of Nursing.
- F. Class Session Recording Restriction: The recording of any class session is prohibited except with the expressed consent of the course instructor/presenter at the time of the recording.

VI. Course Content or Outline

- A. Cellular Biology – 5 hrs
- B. Genetics – 2 hrs
- C. Self Defense Mechanisms – 3 hrs
- D. Cancer – 3 hrs
- E. Neurologic – 9 hrs
- F. Endocrine – 3 hrs
- G. Reproductive – 6 hrs
- H. Hematologic – 5 hrs
- I. Cardiovascular & Lymphatics – 5 hrs
- J. Pulmonary – 4 hrs
- K. Renal – 3 hrs
- L. Gastrointestinal – 4 hrs
- M. Musculoskeletal – 4 hrs
- N. Integumentary – 2 hrs
- O. Multisystem Failure – 2 hrs

VII. Textbook(s) and/or Other Required Materials or Equipment:

- A. McCance, K.L., Huether, S.E., Brashers, V.L., & Rote, N.S. (2010). *Pathophysiology: The biologic base for disease in adults and children* (5th ed.). Maryland Heights, MO: Elsevier.

VIII. Basis for Student Evaluation:

A. Quizzes	15%
B.Examinations	80%
C.HESI APRN Specialty Pathophysiology Exam	<u>5%</u>
	100%

Overall Grading Scale

90-100	A
80-89	B
70-79	C
69-0	F

Approved Graduate Program Committee 8/21/13

Approved Total Faculty Department of Nursing 9/25/13

Approved HHS College Council 10/16/13

Approved Graduate Council 11/22/13