

The University of Texas at Tyler
College of Nursing and Health Sciences

NURS 3303
Pathophysiology of Acute Care

Fall 2009

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Tuesday

1300 – 1550 (1:00 PM – 3:50 PM)

** The content of this syllabus/WEB site is subject to change at the discretion of the faculty leaders according to current learning needs.

CLASS SCHEDULE Fall 2009

Date	Topic	Assignment	Chapter	Faculty
9/1	Course Orientation, Cell Biology Review, Cellular Changes, & Fluids, Electrolytes, and Acid-Base Balance	Due today: p. 15-16: # 4, 8 and p. 156-157: # 4, 6, 13, 15	1, 6	Cheek
Quiz 1 - Launched at 4 pm Tuesday 9/1 - removed noon Tuesday 9/8				
9/8	Inflammation, Healing and Infection	due today: p. 42: # 3, 14	2, 4	Cheek
Quiz 2 - Launched at 4 pm Tuesday 9/8 - removed noon Tuesday 9/13				
9/13	Exam 1 (cell biology, cellular changes, fluid, electrolytes, acid-base, inflammation, healing and infection)			
	Immune and Abnormal Responses	due today: p. 74: # 2, 5, 9	3	Cheek
9/22	Immune and Abnormal Responses, Congenital and Genetic Disorders, Neoplasms	due today: p. 174: # 4, 8 : p. 126: # 1, 2, 4	3, 7, 5	Cheek Steele
Quiz 3 - Launched at 4 pm Tuesday 9/22 - removed noon Tuesday 9/29				
9/29	Neoplasms, Blood and Lymph Disorders	Immune response concept map due	5, 17	Steele, Price
Quiz 4 - Launched at 4 pm Tuesday 9/29 - removed noon Tuesday 10/6				
10/6	Exam 2 (immune disorders, genetics, neoplasms, blood and lymph)			
	Skin Disorders	Due today: p. 680: #b ("Think About" questions) p. 688: #d	2, 27	Price
10/13	Cardiovascular Disorders – flow and pump	due today: p. 360: 1, 4, 15	18	Price
Quiz 5 - Launched at 4 pm Tuesday 10/14 - removed noon Tuesday 10/20				
10/20	Cardiovascular Disorders – pump and shock	Atherosclerosis Concept Map due	18	Price
Quiz 6 - Launched at 4 pm Tuesday 10/20 - removed noon the next Tuesday 10/27				
10/27	Respiratory Disorders	due today: p. 419: # 1, 7, 10, 11	19	Cheek
Quiz 7 - Launched at 4 pm Tuesday 10/27 - removed noon Tuesday 11/3				
<p align="center">October 30</p> <p align="center">Last day to withdraw from classes</p>				
11/3	Exam 3 (cardiovascular and respiratory and skin)			
	Reproductive Disorders	COPD Concept Map due	28	Steele
11/10	Urinary Disorders, Acute Neurological Disorders	due today: p. 520: #3, 6, 15 -	21, 22	Steele
Quiz 8 - Launched at 4 pm Tuesday 11/10 - removed noon Tuesday 11/17				
11/17	Acute Neurological Disorders, Pain, Chronic Neurological Disorders	due today: p. 567-568: # 7, 9, 12 p. 236: # 3, 4 & p. 593: # 3, 4, 8	22, 13, 23	Steele
Quiz 9 - Launched at 4 pm Tuesday 11/17 - removed noon Tuesday 11/24				
11/24	Exam 4 (reproductive, acute and chronic neurological disorders, pain and urinary disorders)			
12/1	Musculoskeletal Disorders, Endocrine Disorders	Homework due today: p. 669: # 5, 6 p. 642: # 3, 6, 10	20	Price
Quiz 10 - Launched at 4 pm Tuesday 12/1 - removed noon Tuesday 12/8				
12/8	Gastrointestinal and Accessory Organ function	Concept Map on Thyroid disorders due	26, 25	Price
Quiz 11 - Launched at 4 pm Tuesday 12/8 - removed noon Tuesday 12/15				
12/16	Final Exam (40% musculoskeletal, endocrine and gastrointestinal disorders) (60% comprehensive)			

TITLE

NURS 3303: Pathophysiology of Acute Care

SEMESTER CREDIT HOURS

Three (3) hours didactic

PREREQUISITES

Successful completion of Anatomy and Physiology 1 & 2, Microbiology, and Chemistry. The course may be taken 1 semester prior to admission to the College of Nursing, or must be taken during the first semester admitted to the nursing program. May take this course concurrently with Nurs3205: Nursing Concepts and Theories.

COURSE DESCRIPTION

This course focuses on the etiologic, symptomatologic, and pathologic aspects of selected human diseases across the life span. Concepts of health promotion, disease prevention, disease progression, and treatment are approached from a cellular and multi-system perspective. Influences of genetic, ethnic, and cultural variables on human diseases is analyzed. Content aims at stimulating critical thinking.

COURSE OBJECTIVES

Upon successful completion of the course, students will have demonstrated the ability to:

1. Compare, at the cellular level and systemic levels, the pathologic effects of selected disease processes.
2. Correlate internal/external environmental risk factors with disease development and progression.
3. Critique the influence of genetic, ethnic, and cultural factors in health promotion, disease prevention, disease progression, and treatment.
4. Interpret diagnostic tests in relation to objective and subjective symptomatology.
5. Evaluate for the presence and effects of compensatory mechanisms in response to major physiologic alterations.
6. Discuss major variables affecting the healing process in primary tissues and organ systems, and apply such concepts to the management and treatment of disease.
7. Describe the impact of pathophysiology-based knowledge on nursing practice within the context of a specified nursing model.
8. Apply critical thinking process to the use of pathophysiologic principles as a basis for nursing practice.
9. Employ select nursing and biomedical research studies in the application of pathophysiologic principles to nursing practice.

American Disabilities Act Statement: UT TYLER COUNSELING CENTER

"If you have a disability, including a learning disability, for which you request an accommodation, please contact the Disability Support Services Office so that appropriate arrangements can be made. In accordance with federal law, a student requesting accommodation must provide documentation of his/her disability to the Disability Support Services counselor." For more information call 566-7079.