

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

NURS 3303
Pathophysiology of Acute Care

Long Summer 2009

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Monday, Tuesday, Wednesday

1050 – 1230 daily

** 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 – Summer 2009

Date	Topic	Assignments	Chapter	faculty
5/13	Course Orientation, Cell Biology Review, Cellular Changes	p. 15-16: # 4, 8	1	Cheek
On line Quiz 1 Launched 1230 5/13 removed 10 am 5/18				
5/18	Fluids and Electrolytes, Acid Base Balance	p. 156: # 4, 6, 13 & 15	6	Cheek
5/19	Inflammation, Healing	p. 42: # 3, 14	2,4	Cheek
5/20	Infection, Immunity & Hypersensitivity	No Homework Due	2,4	Cheek
On line Quiz 2 Launched 1230 5/20 removed 10 am 5/25				
5/25	<i>Memorial Day Holiday - enjoy the day off</i>			
5/26	Exam 1 ~~~~ Exam 1 ~~~~ Exam 1 ~~~~ Exam 1 ~~~~ Exam 1 ~~~~ Exam 1			
5/27	Altered immune responses, Genetics	p. 74: # 2, 5, 9, p. 174 #4, 8	3	Cheek
On line Quiz 3 Launched 1230 5/27 removed 10 am 6/1				
6/1	Genetics, Neoplasms	p. 174: # 4, 8	7	Steele
6/2	Neoplasms	p. 126: # 1, 2, 4	5	Steele
6/3	Skin disorders	p. 680, (Think About) b & d	2, 27	Cheek
On line Quiz 4 Launched 1230 6/3 removed 10 am 6/8				
6/8	Exam 2 ~~~~ Exam 2 ~~~~ Exam 2 ~~~~ Exam 2 ~~~~ Exam 2 ~~~~ Exam 2			
6/9	Blood and Lymph disorders	p. 30: # 1, 3, 4	17	Price
6/10	Cardiovascular Disorders	p. 360: # 1, 4, 15	18	Price
On line Quiz 5 Launched 1230 6/10 removed 10 am 6/15				
6/15	Cardiovascular Disorders	Concept Map - Atherosclerosis	18	Price
6/16	CV Disorders, Pulmonary Disorders	p. 419, # 1, 7, 10, 11	19	Price / Cheek
6/17	Pulmonary Disorders	due today: p. 419: # 1, 7, 10, 11	19	Cheek
On line Quiz 6 Launched 1230 6/17 removed 10 am 6/22				
6/22	Exam 3 ~~~~ Exam 3 ~~~~ Exam 3 ~~~~ Exam 3 ~~~~ Exam 3 ~~~~ Exam 3			
6/23	Reproductive Disorders	Concept Map - Emphysema	28	Steele
6/24	Urinary Disorders	p. 520: # 3, 6, 15	21	Steele
On line Quiz 7 Launched 1230 6/24 removed 10 am 6/29				
6/29	Acute Neurological Disorders	p. 567-568: # 7, 9, 12 p. 236: # 3, 4 & p. 593: # 3, 4, 8	22	Steele
6/30	Chronic Neurological Disorders	Concept Map – Increased Intracranial Pressure	23	Steele
7/1	Pain	p. 236: # 3, 4	13	Steele
On line Quiz 8 Launched 1230 7/1 removed 10 am 7/6				
7/6	Exam 4 ~~~~ Exam 4 ~~~~ Exam 4 ~~~~ Exam 4 ~~~~ Exam 4 ~~~~ Exam 4			
7/7	Musculoskeletal Disorders	p. 669: # 5, 6	26	Price
7/8	Endocrine Disorders	p. 642: # 3, 6, 10	25	Price
On line Quiz 9 Launched 1230 7/8 removed 10 am 7/13				
7/13	Endocrine Disorders	No Homework due	25	Price
7/14	Gastrointestinal Disorders	Concept Map- Thyroid Disorders	20	Price
7/15	GI Accessory Organ Disorders	p. 488 – 489: # 10, 13, 14, 16, 18, 19	20	Price
On line Quiz 10 Launched 1230 7/15 removed 10 am 7/20				
7/20	Exam 5 ~~~~ Exam 5 ~~~~ Exam 5 ~~~~ Exam 5 ~~~~ Exam 5 ~~~~ Exam 5			
7/21	Class credit for on-line quizzes , Homework Study Questions, & Concept Maps			

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 pathophysiological principles as a basis for nursing practice.
9. Employ select nursing and biomedical research studies in the application of pathophysiological 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.