

**THE UNIVERSITY OF TEXAS AT TYLER  
COLLEGE OF NURSING**

**NURS 3307  
PHARMACOLOGICAL BASIS FOR NURSING  
SYLLABUS**

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**Fall 2009**

**Monday 9am-11:50am**

**NURS 3307 - Pharmacological Basis for Nursing Practice  
CLASS SCHEDULE  
FALL 2009**

<b>DATE</b>	<b>UNIT</b>	<b>TOPIC</b>
8/31/09	Unit 1	Introduction to Course Dosage Calculations
9/7/09	<b>Labor Day Holiday</b>	
9/14/09	Unit 2	Nursing Pharmacology Basics - Part I Practice Dosage Calculation Tests - Blackboard
9/21/09	Unit 2	Nursing Pharmacology Basics - Part II
9/28/09	Unit 3	Autonomic Nervous System <b>Quiz</b>
10/5/09	Unit 4	<b>EXAM 1</b> Respiratory
10/12/09	Unit 5	<b>Dosage Calculation Test #1</b> Cardiovascular - Part I
10/19/09	Unit 5	Cardiovascular - Part II
10/26/09	Unit 6	<b>EXAM 2</b> Central Nervous System - Part I; Anti-inflammatory
11/2/09	Unit 6	Central Nervous System - Part II <b>Evidence-Based Practice Paper Due at 9 AM</b>
11/9/09	Unit 7	Anti-infectives - Anti-viral; <b>Practice ATI Test A</b>
11/16/09	Unit 8	<b>EXAM 3</b> Immune, Biological Modifiers, Chemotherapy
11/23/09	Unit 9 & 10	Endocrine, Miscellaneous: Eye, Ear, Derm; <b>Practice ATI Test B</b>
11/30/09	Unit 11	<b>EXAM 4</b> Reproductive
12/7/09	Unit 12	Gastrointestinal, Fluid and Electrolyte, Nutrition <b>ATI Testing</b> - Computer Lab, TBA this week
12/15/09		<b>FINAL EXAM</b> (passed ATI and Dosage Calc Test, Return AV Recording Agreement)

**All lecture outlines with supplementary material are found under the Lectures button in Blackboard. Bring material to class and be prepared for discussion**

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

**TITLE**

NURS 3307: Pharmacological Basis for Nursing Practice

**SEMESTER CREDIT HOURS**

Three (3) hours didactic

**PREREQUISITES**

Admission to the nursing program, NURS 3303, NURS 3205 or concurrent enrollment.

**COURSE DESCRIPTION**

Pharmacotherapeutic aspects of nursing care are introduced. Emphasis is on accuracy of drug calculation, pharmacological actions and responses associated with major drug classifications, patient assessment and patient/family medication education. Pharmacologic aspects are explored across the life span.

**COURSE OBJECTIVES**

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

1. Explain the mechanism of action, indications for clinical use, common side effects and nursing implications of the major drug classifications.
2. Incorporate research findings with ethical and legal implications regarding the safe administration of medications.
3. Apply the principles of safe administration of medications.
4. Demonstrate interpersonal caring and knowledge pertinent to patient teaching about specific medications through the use of the critical thinking process.
5. Accurately calculate drug dosages and intravenous flow rates.

**REQUIRED TEXTS**

**SYLLABUS: NURS 3307:** Fall 2009-- Pharmacological Basis for Nursing Practice

**TEXTBOOK:**

Kee, J. L., Hayes, E.R. & McCuiston, L.E. (2009). *Pharmacology: A nursing process approach (6th ed.)*. St. Louis, Missouri: Saunders.

Kee, J. L., Hayes, E.R. & McCuiston, L.E. (2009). *Pharmacology: A nursing process approach: study guide (6th ed.)*. St. Louis, Missouri: Saunders.

American Psychological Association. (2008). *Publication manual of the American psychological association (5<sup>th</sup> ed.)*. Washington DC: Author.

**SCANTRONS:** The correct scantron for nursing is Form **F-17355-PAR-L** (there are 2 of the same color so make sure you get this one)

**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 or visit the Student Services Center in the University Center, Room 282. The phone number is 903-566-7079. Additional information may also be obtained at the following UT Tyler WEB address: [www.uttyler.edu/disabilityservices](http://www.uttyler.edu/disabilityservices)