

**ARKANSAS TECH UNIVERSITY
DEPARTMENT OF NURSING**

**NUR 4991
The Basic Principles of Pharmacology**

**Fall 2009
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ARKANSAS TECH UNIVERSITY
Department of Nursing

Course: NUR 4991 Special Problems in Nursing

Course Title: The Basic Principles of Pharmacology

Credit Hours: One Semester Hour

Contact Hours: 2-3 Clock Hours Per Week

Placement: Upper Level Nursing

Faculty: Carey Bosold MSN, FNP-BC

Course Description:

Prerequisite: Departmental permission.

Justification/Rationale for NUR 4991:

Relationship to Mission:

This course directs students in the achievement of all statements (one - seven) of the Department of Nursing Mission.

Relationship to Program Outcomes:

By the completion of this course, the learner progresses toward Program Outcomes, (one-five).

Course Objectives:

Upon completion of this course, the student will be able to:

1. Define common related terms, list important historical events in the field of pharmacology, and discuss significant drug legislation that guides nursing practice and protect individuals receiving medications.
2. Discuss the process through which a drug must go as it is being developed and tested for human safety and define the role of the nurse in experimental drug studies.
3. Describe the three phases of drug activity in the body: the pharmaceutical phase, the pharmacokinetic phase, and the pharmatherapeutic phase.
4. Identify various types of responses that individuals may have to drugs and the eight factors that influence these responses.

Relationship to General Objectives:

This upper division professional nursing course provides opportunities for the student to integrate knowledge and skills from the general education component with nursing theories and concepts. The course serves as a review that integrates all general education outcomes with the Department of Nursing outcomes.

Evaluation:

1. Grading Scale

A = All assignments completed on time

C = All assignments completed but not on time

F = Incomplete

2. A grade of "I" may be recorded for a student whose work is incomplete due to circumstances beyond the student's control. The student must take responsibility for removal of the incomplete grade according to the Arkansas Tech University's catalog requirements.

Assignment:

The EDGT (Education Global Technologies, Inc.) *Basic of Pharmacology* is found on the computers in the student AV lab. You must complete Modules I-IV and take the four unit test found in Module V. Your score for each exam must be 80% or higher to be considered complete. You can take the test as many times as necessary to achieve the passing score.

Turn in your four completed unit test by the assigned date.

Policies

- a. The student is expected to conduct himself/herself in a professional manner during the independent study activities.
- b. Students are expected to:
 - 1) Present written work which is theirs alone.

Conduct of the Course

Guidelines:

Criteria for Credit Hours:

It is expected that each student will spend 2-3 hours per week on the scheduled assignments.