

Syllabus for
NUR 301—Pharmacotherapeutics
2 Credit hours
Fall 2003

I. COURSE DESCRIPTION

A study of the theoretical and clinical application of basic pharmacological principles that address pharmacologic agents from the perspective of major drug classifications. Reviews medication administration, dosage calculation, and critical thinking skills specific to professional nursing practice. Prerequisites: NUR 201.
Corequisite: Enrollment in NUR 304 and NUR 305.

II. COURSE GOALS

The course is designed to enable the student to achieve the following goals:

1. Develop professional knowledge base of pharmacological therapy utilizing drug classification system.
2. Gain scientific knowledge and critical thinking in the administration of medication.
3. Learn to implement effective communication in the administration of medication to promote, maintain, and restore health.
4. Demonstrate values consistent with ORU and Nursing code of ethics in relation to medication administration.

III. COURSE OBJECTIVES

As a result of successfully completing NUR 301 the student will be able to do the following:

- 1.0 Integrate scientific principles and current research related to drug therapy in nursing care.
 - 1.1 Analyze principles related to drug absorption, distribution, metabolism, and excretion.
 - 1.2 Orally and/or in writing, interpret physiological and pathophysiological concepts which relate to medication administration.
 - 1.3 Discuss strategies to safely and accurately administer medications.
 - 1.4 Demonstrate appropriate use of professional references.
- 2.0 Utilize critical thinking in pharmacotherapeutics.
 - 2.1 Utilize the drug classification system in nursing practice.
 - 2.2 Apply the nursing process to medication administration.
 - 2.3 Orally and/or in writing, demonstrate critical thinking in the administration of medication in specific client scenarios.
- 3.0 Utilize communication in medication administration.
 - 3.1 Identify the multiple roles of the nurse.
 - 3.2 Collaboration with health care professionals.
 - 3.3 Discuss patient education strategies.

IV. TEXTBOOKS

Lilley, L., & Aucker, R. (2001). *Pharmacology and the nursing process* (3rd ed.). St. Louis: Mosby.

V. POLICIES AND PROCEDURES

- A. University Policies and Procedures

1. Attendance at each class or laboratory is mandatory at Oral Roberts University.
2. Double cuts will be assessed for absences immediately preceding or following holidays.
3. Excessive absences can reduce a student's grade or deny credit for the course.
4. Students taking a late exam because of an unauthorized absence will be charged a late exam fee.
5. Students and faculty at Oral Roberts University adhere to all laws addressing the ethical use of others' materials, whether it is in the form of print, video, multimedia, or computer software.
6. Final exams cannot be given before their scheduled times. Students need to check the final exam schedule before planning return flights or other events at the end of the semester.

B. School of Nursing Policies and Procedures

1. The ORU AVSON Student Handbook contains a complete list of School of Nursing policies.
2. Attendance
 - a. The last day for students to add nursing classes is the first Monday following University's date for the beginning of classes.
 - b. Students are expected to punctually attend all scheduled learning experiences.
 - c. The Dean of the School of Nursing may request administrative excuses for absences from courses or chapel when scheduling conflicts exist with scheduled learning experiences within the School of Nursing.
 - d. Students are to discuss administratively excused absences with the course coordinator and confirm plans for meeting course objectives as soon as possible and prior to the scheduled class.
 - e. Makeup of modular posttests is arranged only in the case of an excused class absence. Students are to notify course coordinator prior to the test period if they are unable to take a scheduled exam. Absences are excused only for cases of documental illness or other crisis situations. Students must pay a \$10 fee, payable to student accounts, for a late exam.
 - f. Students are required to notify clinical instructors and the clinical agency of a pending absence in the clinical laboratory at least one hour before scheduled lab. There is no guarantee that students will have opportunities for clinical make-ups. Nursing programs throughout the area compete for clinical learning sites and times, and clinical experiences are negotiated one year in advance. Thus, it may not be possible to arrange clinical makeup experiences. Failure to meet course objectives results in failure in the course.
 - g. Students are required to submit a Petition for Policy Exception for clinical make-ups to the office of the Dean. If the petition is approved, a fee will be assessed.
3. Clinical Policies
 - a. CPR Training: A current CPR training card covering the full academic year must be submitted prior to enrollment in any clinical nursing course. CPR training is to be the American Heart Association's Basic Life Support for Health Care Professionals or the American Red Cross CPR/AED for the Professional Rescuer. A student will not be permitted to participate in clinical learning experiences until he/she has filed a current CPR card with the Dean's office.
 - b. Immunizations: A student must present evidence that immunizations and tuberculin skin testing are current prior to participation in clinical learning experiences. The school is contractually obligated to clinical agencies to assure that students are in compliance with recommended immunizations.
 - c. Travel: Throughout the course of the nursing program, students will have clinical experiences at a variety of agencies throughout the greater Tulsa community, and perhaps beyond the Tulsa community. Students are responsible for personal travel to and from clinical nursing experiences.
 - d. Professional Accountability: Students are expected to prepare for clinical experiences by completing course assignments as designated in course syllabi.

A student's failure to adequately prepare for the clinical experience may result in dismissal from the clinical experience that will count as a clinical absence. Students are permitted to care for patients as long as they demonstrate safe nursing care.

- e. Dosage Calculation Proficiency: Students will not be permitted to administer medications until they demonstrate proficiency in dosage calculations as evidenced by achievement of no less than 90% on a dosage calculation test administered at the beginning of each semester. Students who do not achieve at least 90% on the exam prior to the last day to add classes at the university will be de-enrolled in clinical nursing courses.
- f. Dress Code: Professional dress code is in effect for all activities within the School of Nursing. Dress code for clinical experiences must be appropriate to acute care or community settings as designated in the *Oral Roberts University Anna Vaughn School of Nursing Student Handbook*.

4. Evaluation Procedures

- a. Clinical experiences are evaluated in light of student performance. The student and clinical instructor are both involved in the clinical evaluation process. Formal student/faculty clinical evaluation conferences are held at least twice: at the middle and at the end of the term. Written evaluations of student's clinical performance are completed by both the student and clinical instructor and reviewed at the evaluation conferences. The final written evaluation is filed with the Dean of the School of Nursing.
- b. Clinical laboratory performance is graded on a pass/fail basis. A passing grade in the clinical laboratory portion of the course is required to receive a passing grade in the course. Criteria for clinical failure include failure to demonstrate achievement of clinical objectives and/or a pattern of jeopardizing patient safety.
- c. Students are required to achieve a 70% average on module exams or 70% on the final exam in order to receive a passing grade in the course and to progress to subsequent nursing courses.
- d. Achievement of a 70% average on module exams or 70% on the final exam and a passing grade in the clinical laboratory, results in the course grade being based upon selected assessment tools as indicated in each course syllabus.
- e. Failure to achieve a 70% average on module exams or 70% on the final exam, will result in a failing grade in the course. The course grade will be based solely upon the module and final exams' scores.
- f. Final course grades are calculated using the following grading scale.

A	=	90-100
B	=	80-89
C	=	70-79
D	=	60-69
F	=	59 and below
- g. All clinical nursing courses (except NUR 304 and NUR 405) will attribute a minimum of 70% of the course grade to objective examination.
- h. Students are required to submit all assignments for course completion.
- i. Students are required to take/pass nationally standardized exams as specified in the course syllabus.
- j. Portfolio requirements: Portfolio items must be submitted prior to the end of each semester. Submission of portfolio items is considered a course requirement. Portfolio items include **original** samples of student's work throughout the semester. Papers submitted for inclusion in a student's portfolio become the property of the University.

C. Course policies

All evaluation is based on achievement of stated course objectives.

1. Evaluation

- a. The course grade for NUR 301 is based upon work in the following areas:

	13 Unit quizzes/sim lab quiz	60%
	Pharmacist/Physician consultation papers	10%
	Individual project	15%
	Comprehensive Final Exam	15%
b.	Grades are calculated on the percentage of the total points.	
	A =	90-100
	B =	80-89
	C =	70-79
	D =	60-69
	F =	59 and below

2. Portfolio requirements
The portfolio requirement for Nursing 301 is the student's choice of the best consultation paper.

VI. COURSE CALENDAR

Week 1	Orientation, fundamentals of drug therapy
Week 2	Critical thinking and drug administration
Week 3	Psychotherapeutic drugs
Week 4	Respiratory system drugs
Week 5	Anti-infectives and immunizations
Week 6	Drugs affecting the cardiovascular system
Week 7	(cont.)
Week 8	Drugs affecting the blood/ Diagnostic and nutritional agents
Week 9	Urinary System drugs/Pain and NSAIDs
Week 10	Gastrointestinal system drugs
Week 11	Chemotherapy and immune system altering drugs
Week 12	Drugs used for sensory organs
Week 13	Drugs of the endocrine system and reproductive system
Week 14	Drugs that effect the nervous system
Week 15	Issues in Pharmacology

VII. ASSESSMENT SUMMARY (See next page)

MISSION

The lifestyle at ORU is rooted in the word "Wholeness." ORU seeks to educate the whole person, with balanced emphasis placed on the development of the mind, spirit, and body.

GENERAL OUTCOMES

1. Spiritually alive
2. Intellectually alert
3. Physically disciplined
4. Socially adept

MAJOR OUTCOMES

1. **GO #1 and 2:** Demonstrate critical thinking skills integrating theoretical and empirical knowledge from basic sciences and humanities in the delivery of nursing care.
2. **GO #4:** Utilize effective interpersonal and professional communication to contribute to the health of individuals, families, and communities.
3. **GO #2 and 4:** Implement culturally sensitive therapeutic nursing interventions to promote, maintain, and restore health for individuals, families, and communities.
4. **GO #1, 2, 3, and 4:** Advance professional nursing practice through a pattern of employment that reflects an ongoing quest for personal wholeness.

COURSE GOALS

1. Develop professional knowledge base of pharmacological therapy utilizing drug classification system. (2/4)
2. Demonstrate scientific knowledge and critical thinking in the administration of medication. (4/5)
3. Implement effective communication in the administration of medication to promote, maintain, and restore health. (3/7)
4. Demonstrate values consistent with ORU and Nursing code of ethics in relation to medication administration. (6/9)

ASSESSMENT OF COURSE GOALS

STIMULI:

- ∑ Final exam
- ∑ Quizzes
- ∑ Consultation paper
- ∑ Medication model/paper

CRITERIA:

Course grade is based on:

- ∑ Weekly quizzes 60%
- ∑ Final Exam 15%
- ∑ Consult paper 10%
- ∑ Drug model 15%