

**ODESSA COLLEGE  
ASSOCIATE DEGREE NURSING PROGRAM  
SYLLABUS**

**COURSE TITLE:** RNSG 1301: Pharmacology

**CREDIT:** 3 credit hours/ 48 contact hours

**PLACEMENT:** 1<sup>st</sup> year/1<sup>st</sup> semester

**PREREQUISITES:** BIOL 2401, BIOL 2402, ENGL 1301, HUM 2319/2323/1305/PHIL 1304

**COREQUISITES:** RNSG 1513, RNSG 1360, RNSG 1193

**LICENSING/CERTIFICATION BOARD:** TEXAS BOARD OF NURSING (BON)

**FACULTY INFORMATION:**

**Name:** Linda Cockrell MSN RN

**E-Mail:** lcockrell@odessa.edu

**Phone:** 432-335-6556 (office); 432-528-1661 (cell for call or text)

**Office:** CT 202

**Office Hours**

**Campus Office Hours:** Tuesdays and Thursdays 1:00 PM to 5:00 (Odessa office)

Mondays 4:00 PM – 6:00 PM (Andrews office)

**Study Group Hours:** TBA

**Preferred Method of Communication:** Please use college email for most communication. Call or text my cell phone for issues that need immediate response. I always welcome students during my office hours.

**TEXTBOOK INFORMATION AND REQUIRED HARDWARE/SOFTWARE**

**Textbook(s):**

Kee, J. L., Hayes, E. R., & McCuiston, L. E. (2015). Pharmacology: A patient-centered nursing process approach. (8th ed.). St. Louis, MO: Saunders/Elsevier.

[ISBN-13: 978-1455751488]

Vallerand, A. H., & Sanoski, C. A. (2014). Davis's drug guide for nurses (14th ed.). Philadelphia, PA: F.A. Davis.

[ISBN-13: 978-0803639768]

**Hardware:**

Speakers or earbuds are needed for lectures in TechSmith Relay. Ear buds are needed for computer lab.

**Software:**

Adobe Reader is needed for viewing PDF articles in the course.

Firefox web browser is recommended for Blackboard

**Websites:**

The following websites are utilized in this course:

<https://www.atitesting.com>; <http://qsen.org>;

Odessa College Blackboard

**COURSE DESCRIPTION:**

Introduction to the science of pharmacology with emphasis on the actions, interactions, adverse effects, and nursing implications of drug classifications.

**LEARNING OUTCOMES:**

1. Identify the role and responsibilities of the professional nurse administering pharmacological agents.
2. Explain the safe utilization of medications.
3. Identify the actions, interactions, and adverse effects of common drug classifications.
4. Describe the nursing implications associated with caring for patients taking common types of drugs.
5. Perform dosage and calculations for medication administration.

**TOPICS:**

Medication administration; role/responsibilities of nurse administering medications; dosage calculation; pharmacokinetics and pharmacodynamics; drug classifications, routes/actions/outcomes/adverse effects/contraindications/side effects/interactions of medications; alternative and complementary medications; pharmacological pain management; gout.

**EVALUATION AND GRADING:**

All course work is required. All aspect of course work must be submitted in order to successfully pass this course. Course grades are based on unit exams, comprehensive final, daily quizzes, standardized exams, and the Medication Administration Test.

**However, the combined average of all unit exams and the comprehensive final exam must each be 75 or higher in order to pass RNSG 1301.**

Unit Exams and the comprehensive final are weighted in the following manner:

Grading Criteria	Weighted Value
Unit Exam #1	20%
Unit Exam #2	20%
Unit Exam #3	20%
Daily grades	5%
Comprehensive Final Exam	35%
<b>Total Value</b>	<b>100%</b>

**Grading Scale:**

“A” = 90-100

“B” = 80-89

“C” = 75-79

“D” = 60-74.99

“F” = 0-59

**COURSE POLICIES:**

**For ALL CURRENT NURSING POLICIES please refer to the CURRENT nursing student handbook. ALL policies and standards are in effect for RNSG 1301.**

**COLLEGE POLICIES:**

**SEE COLLEGE CATALOG FOR ALL CURRENT COLLEGE POLICIES.**

**Odessa College's Core Objectives (COs):**

1. Critical Thinking Skills - to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
2. Communication Skills - to include effective development, interpretation and expression of ideas through written, oral and visual communication
3. Empirical and Quantitative Skills - to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions
4. Teamwork - to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal
5. Personal Responsibility - to include the ability to connect choices, actions and consequences to ethical decision-making
6. Social Responsibility - to include intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities

**ADN Core Objectives:**

By the end of the program, the new graduate will:

1. Demonstrate professionalism and leadership skills reflective of the associate degree nurse.
2. Utilize clinical judgment based on best current evidence to provide safe and effective quality patient care.
3. Demonstrate nursing teamwork and inter-professional collaboration while managing care for patients across the lifespan in a variety of healthcare settings.
4. Effectively utilize informatics and technology in a variety of healthcare settings.
5. Appropriately incorporate knowledge of cultural diversity in the practice of patient centered care.

*This syllabus is tentative and subject to change in any part at the discretion of the instructor. Any changes will be in accordance with Odessa College policies. Students will be notified of changes, if any, in a timely manner.*