

# NUR 106

## Pharmacology Syllabus

**COURSE:** NUR 106

**INSTRUCTOR:** Theresa Wright, MSN/ED, RN  
Office: 807 C  
Telephone: 921-6986  
Email: twright@netc.edu

Office hours: posted each semester outside office door and by appointment with individuals.

**PREREQUISITES:** BIO 210

**COURSE DESCRIPTION:** . This introductory course outlines the basic concepts of pharmaceuticals, pharmacokinetics, pharmacodynamics, and pharmacotherapeutics. The process of clinical calculations is introduced, as well as the major drug classifications, while the students learn to practice application of knowledge to patients.

**CREDIT HOURS:** 2 credits (2 hours of lecture per week)

**TEACHING STRATEGIES:** Lecture, class discussions, reading assignments, individual and group presentations, small group practice sessions, skill demonstrations, audio-visual materials, paper and pencil tests.

### **REQUIRED TEXTS AND SUPPLIES**

Pharmacology for Nurses: A pathophysiologic Approach (2<sup>nd</sup> Ed) by Michael Patrick Adams and Leland Norman Holland, Jr.

### **METHOD OF EVALUATION**

Unit tests	90%
Quizzes/written assignments**	10%

\*\*If no quizzes/written assignments are given, the tests will be worth 100%

### **GRADING SCALE**

A.....93 – 100

B.....85 – 92

C.....75 – 84

D.....70 – 74

F.....69 and below

A grade of “C” or better is required for successful completion.

**ALL STUDENTS MUST MAINTAIN A “C” OR BETTER IN EACH COURSE TO REMAIN IN THE NURSING PROGRAM.**

**COLLATERAL READING:** Collateral reading may be assigned and content may be used in exam questions.

**CLASS MANAGEMENT ACTIVITIES (Attendance, tardies, etc.):**

**Academic Dishonesty:**

NETC honors the state TEC Student Code with regard to Academic Dishonesty. Students should read the NETC Course Catalog. A copy of the Student Code is available at [www.netc.edu](http://www.netc.edu)

**Statement on Written Assignments:**

The instructor reserves the right to refuse any paper, which is messy or unreadable, or appears to be copied. Incorrect grammar and spelling errors will be noted. Papers will be graded on the basis of content, organization, grammar, rubric and neatness.

**Attendance and Tardy Policy:**

The student is responsible for material covered in any class or lab. A student may miss a maximum of up to 10% of scheduled class hours. It is strongly advised that students attend all classes.

Three tardies will equal one absence. A student will be considered tardy if he/she comes into the classroom after the roll has been called.

**Classroom Etiquette:**

An integral part of an education is developing a sense of integrity, responsibility, and professionalism, not only toward us, but also toward others. In the classroom, as on the job or in your home, exhibiting appropriate behavior reflects on your maturity. Arriving late to class, being unprepared, inappropriate talking while class is in session, etc. negatively reflects on you and your fellow students. Please be considerate.

**TENTATIVE COURSE OUTLINE**

- Concepts in Pharmacology
- Pharmacology and the Nurse-Client Relationship
- Drugs Affecting the Central Nervous System
- Drugs Affecting the Cardiovascular and Renal Systems
- Drugs affecting The Immune system
- Drugs Affecting the Respiratory System
- Drugs Affecting the Gastrointestinal System and Nutrition
- Drugs Affecting the Endocrine System
- Drugs affecting the Integumentary system and Eyes/Ears

<b>Exams :</b>	<b>Chapters</b>
Unit 1 exam	1-6
Unit 2 exam	7-12
Unit 3 exam	13-21
Unit 4 exam	22-31
Unit 5 exam	32-37
Unit 6 &7 exam	38-42
Unit 8 exam	43-46
Unit 9 exam	47-49

**\*NOTE:** The above information is a general outline of the material covered. The instructor reserves the right to alter the material either adding to or deleting from the list, as conditions and time allows.

### **LEARNING OUTCOMES:**

1. Communicate several prototype drugs that work to affect one or more of the human body's system to others.
2. Communicate to others about the importance of safety and the effectiveness of drug therapy.
3. Discuss the nurse interventions necessary when administering multiple drugs to patients.
4. Describe patient teaching content and principles used when giving select drugs.
5. Describe nutrition and herbal supplements that may interfere with other pharmacology agents
6. Define several types of drugs that affect microorganism growth.
7. List side effects and adverse reactions of select drugs.
8. Identify basic pharmacology safety measures when administering select drugs, i.e., anesthetics, central nervous depressants, narcotics, sedatives, anticoagulants.

### **COLLEGE WIDE COMPETENCIES:**

- Solve problems incorporating effective decision-making, reasoning and creativity.
- Apply mathematical/computational skills to solve problems.

**ASSESSMENT TOOLS:** May include but not limited to:

1. Objective tests
2. Written assignments and Projects

### **GUIDELINES FOR STUDENTS:**

1. All written work must have your name on it or you will receive a zero.
2. Students are expected to be fully prepared for each class.
3. One half (1/2) point will be deducted for each misspelled word. This applies if the same word is misspelled more than once, and no points will be given if I am unable to read your answer.

4. **Tests** will consist of information gathered from: text, lecture, assigned reading, material handed out in class/on web or assigned, and video content
  - a. There will be no retests. Makeup tests will be allowed only for valid excuses and prior contact with the instructor is made when possible. A grade of “zero (0)” will be recorded for any tests missed. If a foreseeable problem should arise, a test may be taken early at a time established by the instructor. To be eligible to take the test before the planned exam date the student must contact the instructor prior to the scheduled time of the test. The student may leave a phone message or E-mail explaining their situation and the timestamp on the message must meet the deadline stated above. The instructor will return the call or respond to the E-mail indicating if the excuse is acceptable or not, and if the excuse is acceptable the day and time of the test will be arranged.
  - b. In event you are absent on a day of a scheduled test, and your excuse is valid, you are expected to make up the missed test on your first day back to school (clinical or lecture). Failure to do so will result in a grade of zero (0) for that test. The test will be left in the Success Center. You will need your student ID card in order to take the test. The instructor reserves the right to administer a full discussion test or a test other than the original test. The instructor reserves the right to alter students seating arrangements during tests.
  - c. Tests will be returned as soon as possible. Tests will not be returned until all students have taken the test. Tests are not to be taken from the classroom and must be returned to the instructor after review. Any unscheduled quizzes that are missed will not be allowed to be taken at a later time and a grade of zero (0) will be given for that quiz.
  - d. Any drug calculation answer on an exam will include but not be limited to: name of drug, dosage expressed in (mg/day, ml/dose, etc), form (tablet, capsule, ml, tsp, etc), Round all metric answers with decimals to one decimal place unless otherwise directed. Include a zero preceding a decimal number if there is no whole number. Do not include zeros at the end of decimal numbers. Any apothecary or household answers in decimal form should be converted to fractions and reduced to lowest terms.
5. Assignments are to be turned in at the designated assignment time. If you are unable to turn in the assignment, make arrangements to have the assignment turned in for you.
6. Students will be expected to maintain professional conduct at all times in the classroom (please see student nurse handbook).
7. There is to be no drinking or eating in the classroom, simulated lab, or computer area.
8. **Students with disabilities** are encouraged to contact the Vice-President for Student Services to discuss needs or concerns as they pursue an academic program and participate in campus life. The Vice-President for Student Services will provide guidance regarding official documentation of disabilities and/or accommodation of needs. (See Catalog).
9. **Electronic devices** (cell phones, pagers, etc) must be turned off during class. The devices are not part of the instructional environment and may be confiscated by the instructor if utilized during class time. If you are a member of emergency preparedness, you must have authorization from the Vice President of student services to keep your device on during class.

**Grade Sheet**

Student: \_\_\_\_\_

**I. Unit Tests:** Add the tests together and divide by the number of tests taken. Take this result and multiply by 90%. (the spaces provided include but are not limited to the number of exams that will be given)

Test 1	_____	Test 6	_____	<b>Percentage</b>	
Test 2	_____	Test 7	_____	<b>1<sup>st</sup> Quarter:</b>	_____
Test 3	_____	Test 8	_____	<b>Midterm:</b>	_____
Test 4	_____			<b>Final:</b>	_____ <b>(1)</b>
Test 5	_____				

**II. Written Assignments, unscheduled Tests, Etc:** If no unscheduled exams/written assignments are given the test score will be worth 100 % of the grade.

1. _____	6. _____
2. _____	7. _____
3. _____	8. _____
4. _____	9. _____
5. _____	10. _____

Add the assignments/unscheduled tests grades together and divide by the total number given. Take this result and multiply by 10%.

<b>1<sup>st</sup> Quarter:</b>	_____
<b>Midterm:</b>	_____
<b>Final:</b>	_____ <b>(2)</b>

**Total grade:**  
Add 1, and 2 together for total grade. \_\_\_\_\_.

**1<sup>st</sup> Quarter Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Midterm Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Final Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Acknowledgement of Policies**

Name \_\_\_\_\_  
Please print your name

Class \_\_\_\_\_

**I have read the syllabus for this class and my instructor has gone over it with me. I understand it and I will adhere to it. All questions have been answered.**

Signature \_\_\_\_\_

Date: \_\_\_\_\_