

## **COURSE INFORMATION**

COURSE PREFIX/NO:	<b>NUR 106/LANU 106</b>
COURSE TITLE:	<b>PHARMACOLOGIC BASICS</b>
LECTURE HR./WK	<b>2.0</b>
LAB HRS/CREDIT HRS/WK	<b>0.0</b>
CREDIT HOURS/SEMESTER	<b>2.0</b>

[Distance Learning Attendance/VA Statement](#)  
[Textbook Information](#)

## **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.

## **COURSE COMPETENCIES**

The student will function in the roles of provider of care, manager of care and member within the discipline of nursing by the completion of NUR 106/LANU 106 and will:

### **Module 1 Drug Calculations using Dimensional Analysis**

1. Identify the legal and ethical principles of medication administration.
2. Identify the principles of medication administration for clients across the lifespan.
3. Identify accurate drug dosages for medication administration to clients across the lifespan.

### **Modules 2, 3, & 4 Pharmacology**

1. Identify the impact of pharmacotherapeutic agents on the pathophysiology of selected clients across the lifespan.
2. Identify functional health patterns as a framework for basic data collection for medication administration for selected clients across the lifespan.
3. Identify cultural considerations of pharmacotherapeutics.
4. Identify basic critical thinking strategies related to pharmacology principles in the care of the client.
5. Identify principles of pharmacology and medication administration for clients across the lifespan.
6. Identify legal, ethical principles of medication administration.
7. Identify the nursing process when discussing principles for the basic care of selected clients across the lifespan.
8. Identify therapeutic communication techniques when preparing and administering medications to selected clients across the lifespan.

## **COURSE REQUIREMENTS**

1. Completion of an exam for each of the four modules is required. One comprehensive final examination is required. If an examination is missed, it must be made up on the scheduled make-up day. An examination of an alternate format may be provided.
2. Timely attendance and participation in scheduled classroom experiences is mandatory. Students will not be allowed to leave scheduled class early except in emergencies. Students who are tardy for scheduled classes will not be allowed to interrupt class; they may enter the classroom at the first break.

3. Completion of assigned work by designated due dates is required. All assigned written work must be completed using a word processor and must incorporate proper grammar, spelling, and sentence structure. Computers are available in labs on both campuses for student use. All word documents are to be saved in rich text format.
4. Students must attend class at the assigned campus for the first module of the course. After completion of Module 1, the class will be combined.
5. Students must attend any individual conference scheduled by an instructor.
6. Students will be expected to adhere to institutional policies and policies of the nursing program.
7. Students are expected to complete all required learning activities prior to the class for which they are assigned and may be asked to present preparation for admission to class.
8. Faculty may institute other testing methods throughout the semester. These may be in the form of pop quizzes, retake exams, or other examinations.
9. Students will be required to access their on-line learning management system throughout the semester and will be responsible for all information posted. In order to do this, students must have access to a computer manufactured no earlier than 2002 with a Windows operating system and access to the internet.
10. Nursing faculty strongly encourage students to spend study time utilizing the resources in the CAI Lab, Academic Success Center, and libraries on both campuses to supplement textbook and classroom activities.
11. Failure to comply with any of the above requirements may result in dismissal from the nursing program.

### **ATTENDANCE AND PUNCTUALITY**

In order to meet the objectives of this course and to promote professional accountability, the following requirements for attendance will be enforced:

- Students must attend 90% of all class requirements.
- Students who are tardy for scheduled classes will not be allowed to interrupt the class; they may enter the classroom at the first break.

### **ACADEMIC INTEGRITY**

Any student found guilty of cheating or involved in plagiarism will be subject to disciplinary action according to the South Carolina Technical Student Code or the USCL Code of Student/Faculty Academic Responsibility.

Any student found guilty of cheating, dishonesty, or plagiarism will be given a grade of "0" on an exam or written work and will be subject to further disciplinary action. Plagiarism refers to "The act of appropriating the literary composition of another, on parts or passages of his writings, on the ideas or language of the same, and passing them off as the product of one's own mind." (Black's Law Dictionary, 6<sup>th</sup> edition)

Students will be expected to sign their signature at the end of each exam stating they have maintained academic integrity.

## **METHODS OF INSTRUCTION**

On-line learning management system, PowerPoint presentations, assigned readings, audiovisuals, handouts, written assignments, discussion, individual conferences, and study guides/learning exercises. Students will be required to access their on-line learning management system throughout the course and will be responsible for all information posted.

## **MINIMAL STANDARDS**

The student will demonstrate course competencies as stated in the syllabus. Student evaluation for the course includes a graded theory component. If a module examination is missed, it must be made up on the scheduled examination make-up day. A student must achieve 80% in the theory component in order to successfully complete the course. An average grade below 80% constitutes failure of the course.

## **EVALUATION STRATEGIES/GRADING**

### **A. Theory Component**

Achievement in theory will be measured by four module exams and a cumulative final exam.

#### **Grading**

A 91 – 100  
B 86 – 90  
C 80 – 85  
D 70 – 79  
F 69 or below

#### **Policy for Grading**

Average of Module Exams  
Pre/Post tests  
Cumulative Final

### **Students must average 80% to successfully complete the course**

Any student who has an average of 91(A) or above on all module exams will qualify to exempt the final exam. In order to qualify for the exemption, all module exams must be taken on the date scheduled. All students have the option to take the final exam. If the final exam is exempted, the module exam average will constitute the final exam grade when the course grade is computed. Any student taking make-up exams will not qualify to exempt the final exam regardless of the unit exam average.

Grades will be rounded to the nearest whole number after final computation of grades. Any student found guilty of cheating or being involved in plagiarism will be given a grade of "0" on an exam or written work and will be subject to further disciplinary action.

### **Proctoring Exams**

Students must be in their seats at the designated exam time. Students that are tardy for any exam will not be allowed to enter the exam area and will be required to take the exam on the make-up day.

Students are expected to leave all books, notes, and personal belongings at the front of the room during each exam and exam review. Only pencils will be allowed during the exam. Instructors will circulate within the room while the exam is being taken and reviewed. Only calculators provided by the schools will be allowed for math computations during NUR 106/LANU 106 exams.

Exams will be reviewed as scheduled. Students may review each exam at the designated time only. Exam grades will be posted on the on-line learning management system within seven days after the examination has been given. Students may only review their copy of the current exam. Once the next exam has been given the student will not be allowed to review any previous exams. If a student would like to receive test-taking assistance from the Assessment Center, the student may only review the current test.

## **B. Learning Resources Component**

As a future member within the discipline of nursing, the student is expected to assume responsibility for learning. Faculty encourage and expect students to utilize critical thinking resources that will help develop this attribute. Pertinent resources include nursing journals, online resources, CAI programs, selected videos, and supplemental texts. The CAI Lab at York Technical College and the Academic Success Center at USCL are available for student use.

## **DISABILITIES STATEMENT**

York Technical College: Any student who feels she/he may need an accommodation on the impact of a disability should contact the Special Resources Officers (SR) at 803-327-8007 in the 300 area of Student Services. The SRO coordinates reasonable accommodations for students with documented disabilities.

University of South Carolina Lancaster: Students who may need accommodations for a disability should contact Tracey Craig by phone at 803-313-7448 or by email at [tcraig@mailbox.sc.edu](mailto:tcraig@mailbox.sc.edu). Information on Disability Services at USCL may be accessed at <http://usclancaster.sc.edu/academics/Disability.pdf>.

## **LEARNING ACTIVITIES/ASSIGNMENTS\***

\*Students may be required to complete additional learning activities to enhance knowledge.

**ENTRY-LEVEL SKILLS:** Admission to the Associate Degree Nursing Program

**PREREQUISITES:** Admission to the Nursing Program

**CO-REQUISITES:** COL 101/LANU elective; BIO 210/BIOL 243, 243L; ENG 101/ENGL 101; NUR 206/LANU 206; NUR 104/LANU 104

Effective: Fall 2009