NUR 105 Pharmacology for Nurses  
Spring 2013

Course Description
NUR 105 Pharmacology for Nurses  
Lecture 0.05; Lab 1.5; Course credit 1  
This course is an introduction to the basic concepts of pharmacology related to drug administration. Dosage calculations are covered as well as concepts of medication administration and an overview of drug categories.

Prerequisites: Acceptance into the Nursing Program or Advanced Placement; completion of MAT 101 and MAT 102 or COMPASS placement for MAT 120.  
Co-requisites: NUR 102, PSY 201, BIO 210.

Course Focus
This course is an introduction to the basic concepts of pharmacology related to drug administration. Dosage calculations are covered as well as concepts of medication administration and an overview of drug categories.

Texts
Required
Access to online ATI tutorial product: Dosage Calculation: Ratio and Proportion.


ATI Content Mastery, Pharmacology for Nursing Version 5.0.

Optional
Course Outcomes. Upon successful completion of the course a student will be able to:
1. describe the nursing student’s role in safe and effective administration of selected medications.
2. outline the nurse’s fundamental responsibilities with respect to medication administration.
3. state the major characteristics of selected drug classifications.
4. accurately solve beginning dosage calculation problems.

Course Goals. The following goals will be addressed in the course (*designates CRUCIAL goals).
1. Describe safe and effective medication administration.
2. Solve word problems.
3. Review mathematical operations.
4. Outline legal and ethical medication administration responsibilities.*
5. Solve dosage calculation problems.*
6. Interpret prescriptions.
7. Apply safety practices.*
8. Identify medication-related complications.
10. Read syringe medication volume.*
11. Discern needle sizes.*

Student Contributions
Classes are designed to employ a variety of teaching techniques. In order to maximize learning, all required readings as well as laboratory and online learning activities should be completed. If a student is falling behind in lab performance and/or academic achievement, it is imperative to seek immediate assistance from the instructor.

Nursing Laboratory
Learning experiences in the nursing laboratory provide an opportunity for the student to become familiar with equipment and techniques. The student utilizes the nursing laboratory to practice new skills. Skills must be practiced in the laboratory before being used in the clinical setting. Competence must be demonstrated in the nursing laboratory and clinical setting. Students are responsible for material covered in campus laboratory. In order to progress in the course and program, by the end of the course each student MUST achieve a satisfactory skill criterion and demonstrate competence in laboratory skills.

At the conclusion of each laboratory experience, the student’s performance is evaluated. The student is awarded 1 point for each satisfactory performance and 0 points if performance is unsatisfactory. The student’s performance is evaluated based on environmental contribution, attendance, and preparedness. Expectations include the following.

1. Contributing to a productive learning environment for self and others by
   a. being prepared for the lab activities by reading and watching DVD if applicable.
   b. answering questions and identifying steps or processes about skill.
   c. demonstrating mastery of skills.
   d. remaining attentive.
2. Arriving and departing on time. Attendance is expected for each scheduled laboratory experience.

Course Evaluation
Quiz 1 5%
Mid-Term Exam 45%
Quiz 2 5%
Comprehensive Final Exam 45%
Total 100%
Laboratory Satisfactory (Must earn a minimum of 10 points)

Course Schedule

Didactic. Weekly online learning activities are assigned. Learning activities are scheduled for 30 minutes/week.

Clinical. None.

Labs. Lab 1 ¼ hours per week on a variable schedule; online laboratory lessons ¼ hour per week.

Course website: http://tclbb.vmc3.com/ Students are expected to visit the course website at least twice a week.

Live class meetings. Three live class meetings occur during the semester. These meetings are for course orientation, mid-term examination, and final examination. See course calendar for details.

ADA STATEMENT

The Technical College of the Lowcountry provides access, equal opportunity and reasonable accommodation in its services, programs, activities, education and employment for individuals with disabilities. To request disability accommodation, contact the counselor for students with disabilities at (843) 525-8228 during the first ten business days of the academic term.

ATTENDANCE

The College’s statement of policy indicates that students must attend ninety percent of total class hours or they will be in violation of the attendance policy.

1. Students not physically attending class during the first ten calendar days from the start of the semester must be dropped from the class for NOT ATTENDING.

2. Students taking an online/internet class must sign in and communicate with the instructor within the first 10 calendar days from the start of the semester to indicate attendance in the class. Students not attending class during the first 10 calendar days from the start of the semester must be dropped from the class for NOT ATTENDING.

3. Reinstatement requires the signature of the division dean.
   a. In the event it becomes necessary for a student to withdraw from the course OR if a student stops attending class, it is the student’s responsibility to initiate and complete the necessary paperwork. Withdrawing from class may have consequences associated with financial aid and time to completion.
   b. When a student exceeds the allowed absences, the student is in violation of the attendance policy. The instructor MUST withdraw the student with a grade of “W”, “WP”, or “WF” depending on the date the student exceeded the allowed absences and the student’s progress up to the last date of attendance or
   c. under extenuating circumstances and at the discretion of the faculty member teaching the class, allow the student to continue in the class and make-up the work. This exception must be documented at the time the allowed absences are exceeded.
   d. Absences are counted from the first day of class. There are no "excused" absences. All absences are counted, regardless of the reason for the absence.

4. A student must take the final exam or be excused from the final exam in order to earn a non-withdrawal grade.

5. Students are expected to be in class on time. Arrival to class after the scheduled start time or leaving class prior to dismissal counts as a tardy. Three tardies and/or early departures are considered as one absence unless stated otherwise. Arrival to class, clinical, and lab by the published time is an expectation for all students. Class, clinical, and lab times are measured by the clock in these teaching areas. Failure to attend class, clinical, and lab on time as measured by the clock in these areas may result in point reductions.

6. It is the student’s responsibility to sign the roll/verify attendance with instructor upon entering the lab. Failure to sign the roll/verify attendance results in a recorded absence. In the event of tardiness, it is the student’s responsibility to insure that attendance is marked. The student is responsible for all material/announcements presented, whether present or absent.
A copy of TCL’s STATEMENT OF POLICY NUMBER: 3-1-307 CLASS ATTENDANCE (WITHDRAWAL) is on file in the Division Office and in the Learning Resources Center.

HAZARDOUS WEATHER
In case weather conditions are so severe that operation of the College may clearly pose a hardship on students and staff traveling to the College, notification of closing will be made through the following radio and television stations: WYKZ 98.7, WGCQ 98.3, WGZO 103.1, WFXH 106.1, WWVV 106.9, WLOW 107.9, WGZR 104.9, WFXH 1130 AM, WLVS 101.1, WOK 1230 AM, WAEV 97.3, WTOC TV, WTGS TV, WJW 10 TV, and WSAD TV. Students, faculty and staff are highly encouraged to opt in to the Emergency Text Message Alert System. www.tcl.edu/textalert.asp

ACADEMIC MISCONDUCT
There is no tolerance at TCL for academic dishonesty and misconduct. The College expects all students to conduct themselves with dignity and to maintain high standards of responsible citizenship.

It is the student’s responsibility to address any questions regarding what might constitute academic misconduct to the course instructor for further clarification.

The College adheres to the Student Code for the South Carolina Technical College System. Copies of the Student Code and Grievance Procedure are provided in the TCL Student Handbook, the Division Office, and the Learning Resources Center.

Health care professionals hold the public trust. Academic misconduct by health science students calls that trust into question and academic integrity is expected.

It is a fundamental requirement that any work presented by students will be their own. Examples of academic misconduct include (but are not limited to):

1. copying the work of another student or allowing another student to copy working papers, printed output, electronic files, quizzes, tests, or assignments.
2. completing the work of another student or allowing another student to complete or contribute to working papers, printed output, electronic files, quizzes, tests, or assignments.
3. viewing another student’s computer screen during a quiz or examination.
4. talking or communicating with another student during a test.
5. violating procedures prescribed by the instructor to protect the integrity of a quiz, test, or assignment.
6. plagiarism in any form, including, but not limited to: copying/pasting from a website, textbook, previously submitted student work, or any instructor-prepared class material; obvious violation of any copyright-protected materials.
7. knowingly aiding a person involved in academic misconduct.
8. providing false information to staff and/or faculty.
9. entering an office unaccompanied by faculty or staff.
10. misuse of electronic devices.

GRADING POLICY

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<th>Grading scale</th>
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<tbody>
<tr>
<td>90% - 100% A</td>
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<tr>
<td>82% - 89% B</td>
</tr>
<tr>
<td>75% - 81% C</td>
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<tr>
<td>70% - 74% D</td>
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<tr>
<td>Below 70% F</td>
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Grading Methodology. The final grade must be 75.000 or more in order to pass the course and progress in the program. Students absent from an examination or presentation will receive a “0” grade for the examination unless other arrangements are made with the individual instructor prior to the examination or presentation day or on the examination or presentation day before the test/presentation is scheduled to be given. Arrangements may be completed by telephone. If the instructor is not available, a message should be left on the instructor’s voice mail AND with another member of the faculty or administrative assistant. Messages sent by other students are unacceptable. The student is responsible for notifying the instructor for the reason of the absence. Students who are tardy for an examination will take the examination in the remaining allotted time.

Make up quizzes and/or examinations may be offered, at the instructor’s discretion, during the final examination period. Additional options for make-up testing include reweighting the final examination. It is the responsibility of the student to contact the appropriate instructor to arrange to make up the examination. The instructor will decide the method of examination. Grades are posted on Blackboard within one week of administration of tests and examinations.

There is a 10 point penalty on the test for any noise emitting from an electronic device.

Course Coordinator Lynda Buss, MSN, RN, CNN
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Office Hours By Appointment