COURSE SYLLABUS
Southeast MO State University

Department of Nursing       Course No. NS373
Title of Course: Pharmacology       Revision: ____

New: _X_

I. Course Description: Overview of drug categories and actions as applied to clients of all ages, with an emphasis on nursing care. (3 credit hours; all theory)

II. Prerequisites/Co-requisites: Satisfactory completion of pre-nursing requirements and formal admission into the BSN program.

Co-requisites: NS 371, NS 372, NS 374.

III. Course Objectives:
   A. Apply the nursing process to the safe administration of medications to clients.
   B. Utilize critical thinking to evaluate potential complications of administration of various categories of drugs to clients.
   C. Explain the physiological effects of various medications on selected body systems.
   D. Apply nursing knowledge and concepts from the arts, sciences, and humanities in assisting clients to safely take medications.
   E. Verbalize an understanding of professional guidelines, standards of practice, and laws regulating the use and distribution of drugs.
   F. Discuss professional nursing responsibilities and roles in administration of medications to clients.
   G. Apply assessment skills to determine the effectiveness of drug therapy in clients.
   H. Utilize professional research literature to expand a knowledge base to assist clients with self-administration of medications.
   I. Discuss the use of knowledgeable caring when administering medications to clients.
   J. Describe effective communication techniques to be used in teaching clients and their families about medications.
   K. Discuss the importance of understanding individual socio-cultural practices when administering medications to clients.
   L. Discuss professional nursing responsibilities regarding ethically appropriate behaviors during medication administration.

IV. Expectations of Students:
   A. Fulfillment of all requirements as outlined in the BSN Student Handbook.
B. Completion of required readings and assignments prior to attending class.

C. Participation in small group work and presentations in class.

D. Written assignments as determined by instructor.

E. Civility:

"Every student at Southeast is obligated at all times to assume responsibility for his/her actions, to respect constituted authority, to be truthful, and to respect the rights of others, as well as to respect private and public property. In their academic activities, students are expected to maintain high standards of honesty and integrity and abide by the University's Policy on Academic Honesty. Alleged violations of the Code of Student Conduct are adjudicated in accordance with the established procedures of the judicial system."

F. ADA:

"Any student who believes that they may need an academic accommodation based on the impact of a disability should contact the instructor to arrange an appointment to discuss their individual needs. Instructors rely on Disability Support Services for assistance in verifying the need for academic accommodations and developing accommodation strategies. Students who have not already registered with Disability Support Services as a student with a disability will be encouraged to do so." In other words, accommodations do not have to be given unless the disability is verified by Disability Support Services (Contact office at ext. 2273).

V. Course Content Outline:

<table>
<thead>
<tr>
<th>Unit</th>
<th>Topic</th>
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<tbody>
<tr>
<td>1</td>
<td>Introduction to course; Basic Concepts of Pharmacology</td>
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<tr>
<td></td>
<td>(3 hours)</td>
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<tr>
<td>2</td>
<td>Cultural and Lifespan Considerations</td>
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<td></td>
<td>Drugs for Pain and Inflammation</td>
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<td></td>
<td>(3 hours)</td>
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<td>3</td>
<td>Drugs for Infectious Disorders</td>
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<td></td>
<td>(4 hours)</td>
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<tr>
<td>4</td>
<td>Drugs with Neurologic Effects</td>
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<td>(4 hours)</td>
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<tr>
<td>5</td>
<td>Drugs for Respiratory Disorders</td>
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<tr>
<td></td>
<td>(3 hours)</td>
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</tbody>
</table>
|       | **Presentation- Group 1 - Drugs for Musculoskeletal Disorders**
| 6     | Drugs for GI Disorders                                      |
|       | (3 hours)                                                   |
|       | **Presentation- Group 2 - Drugs for Sensory Disorders**      |
|       | Drop Box Legal/Ethical Assignment due by start of class     |
| 7     | Drugs for Endocrine Disorders                                |
|       | (3 hours)                                                   |
Presentation- Group 3- Drugs for Reproductive Disorders

- Unit 8 (6 hours) Drugs for Cardiac Disorders
- Unit 9 (3 hours) Drugs for Vascular Disorders

Presentation- Group 4- Drugs for Osteoporosis

- Unit 10 (6 hours) Drugs for Cancer Disorders
- Unit 11 (4 hours) Drugs for Psychiatric Disorders

Pharmacology HESI Exam

Total 45 hours

VI. Textbook(s): All are required


VII. Basis for Student Evaluation:

A. Exams-
   1. 3 exams- 60 points each = 180 points
   2. 6 pop quizzes x 15 points each = 90 points
   3. Comprehensive final exam = 75 points

B. Group Assignment-
   1. Participation in a group presentation = 20 points

C. Written Assignment-
   1. Drop Box Legal-Ethical Assignment = 20 points

Total points possible = 385

D. Standardized Test Score (HESI Exam) = 5% of final course grade*

E. Bonus Points- See Optional Study Session Handout distributed with course packet

Students must have at least a 75% average on exams/quizzes/comprehensive final combined in order to successfully pass the course. Group and written assignments will not be calculated into the final grade unless the student achieves a 75% average on exams/quizzes/comprehensive final scores.
If a student arrives late to class on the day of a quiz or exam, and the quiz or exam is already in progress, that student will not be allowed to enter the classroom and take the quiz or exam. In the event of illness or inability to attend class, the instructor should be notified by the student PRIOR to class time. Make-up quizzes and exams are at the discretion of the instructor, and must be taken within one week of the missed date.

*A nationally normed test (see part D above) will be given at the end of the semester. This test will be a strong predictor of the student’s ability to successfully pass pharmacology content on NCLEX-RN after graduation. The student score on the standardized test will constitute 5% of the final course grade.

The grading scale for the Department of Nursing is:

- 92% - 100% ................................................................. A
- 83% - 91% ................................................................. B
- *75% - 82% ................................................................. C
- 66% - 74.9% ............................................................... D
- 0% - 65% ................................................................. F

*75% is the absolute minimum “C”; grades of 74.5-74.9 will not be rounded up to 75.

75% refers to 75% of total points possible in the course, which includes tests, quizzes, and additional graded assignments.