NUR215 Course Syllabus
Spring 2013

General Information

Course Number: NUR215
Course Name: Pharmacology for Nurses
Credit Hours: 3 credit hours
Course structure/approach: web based: modular, directed learning, seminar sessions
Pre-requisite: Admission to Nursing program
Co-requisite: NUR205

Catalog Description: Introduces classifications, actions, and uses of pharmacotherapeutic agents. Includes administration skills, safety, and legal considerations. Emphasizes patient and nursing implications.

Course Description: A course covering the nursing responsibilities, laws, pharmacokinetics, pharmacodynamics, pharmacotherapeutics, and selected drugs in the major drug classes. Includes drug calculation principles. For this course, the student is expected to have a working knowledge of anatomy and physiology, as well as a basic knowledge of chemistry.

Course Instructor:

Donna Sutton, MSN, CNS, CNE
Office Number: Nursing Department Room 207
Pager Number: 928-913-6881 (dial #, after tone enter your number including area code, then press the # key, hang up)
E-mail: Blackboard Learn email (preferred once course is open), donna.sutton@nau.edu
Office Hours: by appointment (you may set up by email)

Student Learning Outcomes

Upon completion of this course, the student will be prepared to:

Clinical Practice and Prevention

1. Calculates the correct dosage and amount for all drug orders.
2. Identifies patient-related factors, including age, that affect drug activity and client response.
3. Applies the principles of safe medication administration.
4. Differentiates drug families and drug categories, including actions, common side effects & nursing implications, and use in treating specific disorders.

Communication

1. Summarizes aspects of professional communication related to safe medication administration.

Critical Reasoning

1. Demonstrates the ability to utilize resources effectively in the administration of medications.
2. Summarizes nursing implications in drug therapy by using the nursing process as a framework.

Leadership

1. Describes professional nursing in ensuring safe and appropriate patient-centered care.

Professionalism and Professional Values

1. Describes the legal and ethical implications for nurses administering pharmaceutical agents.

Global Health

1. Recognize variations in drug responses that occur with individuals of various ages, gender, and race.
2. Incorporate developmental, gender, genetic, economic and other issues that affect drug therapy.
3. Discuss proper disposal of the portion of medications that will not be administered.

Textbooks

Books from NUR 205 AND

Required


Optional

**Course Policies**

**Important Notice:** There is strict adherence to every part of the NAU Student Handbook and the NAU Nursing Student Handbook.


**Attendance Policy:** Under NAU Policy, students are expected to attend every session of class in which they are enrolled. Attendance is considered to be essential to the learning process, as the faculty believes that active participation and engagement facilitate learning. An online class continues this expectation. You are expected to complete all assignments and activities in the web course. As you will be responsible for the content in the course activities it is to your advantage to complete them. Should you have difficulty in the course, when you meet with a faculty member you will be tracked within Blackboard Learn to determine your ‘attendance’ and your participation in the online course.

**Withdrawal Policy:** If a student is unable to attend the course or must drop the course for any reason, it will be the responsibility of the student to withdraw from the course before the withdrawal deadline (see current NAU Schedule of Classes for deadline).

**Quiz due dates**

You have one week to complete each of the quizzes. The beginning date is when the module opens (on a Thursday). The quizzes are open for 1 week, therefore, the final date and time of completion is at 11pm on the following Wednesday. **Please note the 11pm completion time. You will not be able to open a quiz after the closing date and time.** (Please see the schedule for each module’s opening and closing dates.) Also, please note that some modules have more than one quiz (i.e. module quiz and math quiz). Be sure to note when quizzes are due and make sure you allow yourself time to complete the required quizzes. Also, make sure you have a back-up plan in case of a computer problem (may need to go to another computer).

**Calculation Quizzes**

- These are NOT open book tests and like all quizzes are to be done by you.
- You MAY use a regular calculator while taking the quizzes, but NOT a drug or scientific calculator (answers can be checked using drug calculators).

**Score requirements:** Must complete all math tests and must have 84% or better on the last math test. All quizzes (excluding math quizzes and the orientation quiz) must average 78% to pass the course. Final grades will not be rounded.
Makeup tests and retests

**QUIZZES MAY NOT BE MADE UP. NO retests will be offered.** The lowest quiz grade will be dropped, so if a quiz is missed, that is the grade that can be dropped.

**Extra credit:** There is no extra credit in this course.

**Academic Integrity**

Please note, in NUR 215 the module quizzes are designed to allow you to use your textbook or the links in the Blackboard Learn course as resources while a student takes the quiz – however the work is to be done by the student only – not in a group or using other people to assist with taking the quiz. The math quizzes ARE **NOT** open book.

**University Policies**

Review the following policies available on the Northern Arizona University Policy Statement website (http://www2.nau.edu/academicadmin/UCCPolicy/plcystmt.html):

1. Safe Environment Policy
2. Students with Disabilities Policy
3. Institutional Review Board Policy
5. Academic Contact Hour Policy
6. Sensitive Course Materials Policy

The Impaired Student policy will be strictly adhered to; there will be no tolerance in for any evidence of substance abuse. Click on the links below to find information on NAU alcohol and drug policies. Your attention is called to Appendix C (Student Code of Conduct) items F 2, 15, 16 and 17 specifically.

2. Rules and regulations regarding Alcohol and Drug Use (http://home.nau.edu/studentlife)

**Classroom Management Statement**

Membership in the academic community places a special obligation on all members to preserve an atmosphere conducive to the freedom to teach and to learn. Part of that obligation implies the responsibility of each member of the NAU community to maintain a positive learning environment in which the behavior of any individual does not disrupt the classes of teachers or learners.

Please see the NAU Student Handbook for more information: [http://home.nau.edu/studentlife/handbook/appendix_f.asp](http://home.nau.edu/studentlife/handbook/appendix_f.asp)
Evaluation

<table>
<thead>
<tr>
<th>Item</th>
<th>335 points possible</th>
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</thead>
<tbody>
<tr>
<td>Orientation quiz</td>
<td>5</td>
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<tr>
<td>11 module quizzes (20 points x 11 quizzes for 220 points possible; with lowest grade dropped 220-20 for 200 possible points)</td>
<td>200</td>
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<tr>
<td>Calculation quizzes (each quiz is 20 points)</td>
<td>80</td>
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<tr>
<td>3 Case scenarios quizzes (10 points each)</td>
<td>30</td>
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<tr>
<td>Seminar sessions (2 points for each session) total of 10 sessions</td>
<td>20</td>
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<tr>
<td>Module topics – 8 sessions</td>
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<tr>
<td>Math sessions - 2 sessions (one 1st 8 weeks and one during 2nd 8 weeks)</td>
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</table>

*Seminar sessions will be synchronous online sessions*

Grading Scale

A = 93 + points
B = 84 - 92 points
C = 78 - 83 points (A grade of "C" or above is a passing grade in this course).
F = <78

In order to pass NUR 215, the student must achieve ALL of the following:

1. An overall course grade of 78% or higher.
2. All module quizzes (excluding math quizzes and orientation quiz) must average 78%.
3. Must complete all math quizzes and must have a score of 84% or better on the last math quiz.

Final grades will not be rounded.
### Module Schedule - Spring 2013

*All due date times are 11pm Arizona time*

<table>
<thead>
<tr>
<th>NAME of MODULE</th>
<th>DATE MODULE BEGINS</th>
<th>DATE MODULE NEEDS TO BE COMPLETE</th>
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<tbody>
<tr>
<td>Orientation</td>
<td>1/14/2013</td>
<td>Orientation Quiz 1/23/2013</td>
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<tr>
<td>Nursing perspectives, over the counter, herbals</td>
<td>1/24/2013</td>
<td>Quiz 1 (Nsg Perspectives) 1/30/2013</td>
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<tr>
<td>Anti-infective medications</td>
<td>1/31/2013</td>
<td>Quiz 2 (Anti-infectives) 2/6/2013</td>
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<td></td>
<td></td>
<td>Calculation Quiz 1 (Ch 2 &amp; 3) 2/6/2013</td>
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<tr>
<td>Fluid balance, electrolyte, and gastrointestinal medications</td>
<td>2/7/2013</td>
<td>Quiz 3 (Fluids, electrolytes, GI) 2/13/2013</td>
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<tr>
<td>Neurologic and neuromuscular medications</td>
<td>2/14/2013</td>
<td>Neurologic Case Study quiz 2/20/2013</td>
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<td></td>
<td>Quiz 4 (Neuro) 2/20/2013</td>
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<tr>
<td>Cardiovascular medications (Part 1)</td>
<td>2/21/2013</td>
<td>Quiz 5 (CV Part 1) 2/27/2013</td>
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<td>Calculation Quiz 2 (Ch 4) 2/27/2013</td>
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<tr>
<td>Cardiovascular medications (Part 2)</td>
<td>2/28/2013</td>
<td>Quiz 6 (CV Part 2) 3/6/2013</td>
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<tr>
<td>Pain and anti-inflammatory medications</td>
<td>3/7/2013</td>
<td>Quiz 7 (Pain) 3/13/2013</td>
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<tr>
<td>Respiratory medications</td>
<td>3/14/2013</td>
<td>Respiratory Case Study quiz 3/27/2013</td>
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<td>Quiz 8 (Respiratory) 3/27/2013</td>
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<tr>
<td>Endocrine medications</td>
<td>3/28/2013</td>
<td>Endocrine Case Study quiz 4/3/2013</td>
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<td>Quiz 9 (Endocrine) 4/3/2013</td>
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<tr>
<td>Central nervous system medications</td>
<td>4/4/2013</td>
<td>Quiz 10 (CNS) 4/10/2013</td>
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<tr>
<td>Cancer chemotherapy medications</td>
<td>4/11/2013</td>
<td>Quiz 11 (Cancer chemo) 4/17/2013</td>
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<td></td>
<td>Calculation Quiz 3 (Ch 5 &amp; 6) 4/17/2013</td>
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<tr>
<td>Must have 84% to pass course (only 2 attempts allowed)</td>
<td>4/24/2013</td>
<td>Calculation Quiz 4 (Comprehensive) 5/8/2013</td>
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Spring Break 3/19-3/22