

## **CONNECTICUT COMMUNITY COLLEGE NURSING PROGRAM**

*Capital Community College, Gateway Community College, Norwalk Community College,  
Naugatuck Valley Community College, Three Rivers Community College Community College*

### **Three Rivers Community College**

#### **Course Syllabus for NUR\*202 Spring 2010**

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#### **COURSE TITLE: NUR\*202 Pharmacology for Individuals and Families Intermediate Health Care Needs**

##### **Course Prerequisite**

NUR 102: Family Health Nursing

NUR 103: Pharmacology for Families Across the Lifespan

##### **Course Corequisite**

NUR 201: Nursing Care of Individuals and Families

##### **Course Components**

Credits 1 credit

Hours Classroom: 15 hours

**COURSE START DATE:** January 21, 2010

**COURSE END DATE:** May 16, 2010

#### **Welcome to Pharmacology for Individuals and Families Intermediate Health Care Needs**

We are pleased to have you in Nursing 202 – **Pharmacology for Individuals and Families Intermediate Health Care Needs**. All your assignments are listed here in the course Syllabus, as well as other essential information about this course. Please refer to the course content outline, for more detailed content information and learning activities. Please refer to this Syllabus as the primary document and schedule for the course. You will need to refer to it often, so we strongly suggest that you **print it** and keep it close to your computer.

#### **Online Course Schedule & Where to Go to Class**

To gain access to this course you will access mycommnet.edu as you do for all other nursing courses. If you are not able to gain access to this online course, please contact Nancy Scrivano first. You may also need to contact Blackboard/Vista support accesses on your [My Blackboard](#) page through the Connecticut Community Colleges online Support Center link.

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#### **Course Description**

The student will focus on the safe use, pharmacological principles, indications and nursing implications related to drug therapy when caring for individuals and families. Emphasis will be placed on medications used with clients experiencing endocrine, respiratory, gastrointestinal, cardiovascular conditions and selected mental health disorders. Medications associated with bioterrorism will also be addressed. The course will stress the general characteristics of selected medications and will include indications, pharmacokinetics, side effects, adverse effects, contraindications, administration, nursing implications across the lifespan, and client education.

#### **Course Objectives**

At the completion of this course, the student will be able to:

1. Integrate pharmacological principles as they relate to holistic and clinical medication application when caring for a client with endocrine, respiratory, gastrointestinal, cardiovascular conditions and selected mental health disorders. Medications associated with bioterrorism will also be addressed.
2. Apply the nursing process to drug theory as it relates to clients with endocrine, respiratory, gastrointestinal, cardiovascular conditions and selected mental health disorders. Medications associated with bioterrorism will also be addressed.

3. Describe safe and competent medication administration as it relates to clients with endocrine, respiratory, gastrointestinal, cardiovascular conditions and selected mental health disorders. Medications associated with bioterrorism will also be addressed.
4. Develop a comprehensive pharmacological teaching plan for clients endocrine, respiratory, gastrointestinal, cardiovascular conditions and selected mental health disorders. Medications associated with bioterrorism will also be addressed.
5. Interpret cultural and individual awareness when tailoring drug therapy to clients with endocrine, respiratory, gastrointestinal, cardiovascular conditions and selected mental health disorders. Medications associated with bioterrorism will also be addressed.
6. Differentiate the roles of the multidisciplinary health team members when implementing a pharmacological plan of care for clients with endocrine, respiratory, gastrointestinal, cardiovascular conditions and selected mental health disorders. Medications associated with bioterrorism will also be addressed.
7. Analyze the legal-ethical implications of medication administration related to clients with endocrine, respiratory, gastrointestinal, cardiovascular conditions and selected mental health disorders. Medications associated with bioterrorism will also be addressed.
8. Examine the professional role of the nurse in medication administration for clients with endocrine, respiratory, gastrointestinal, cardiovascular conditions and selected mental health disorders. Medications associated with bioterrorism will also be addressed.

**FACULTY INFORMATION:****Nancy Scrivano, MSN RN****Office C242****Phone 383-5250****emails [nscrivano@trcc.commnet.edu](mailto:nscrivano@trcc.commnet.edu)**

In general, faculty may be contacted for course/lesson concerns via Blackboard/Vista email within the course. Faculty response time may vary, but in general allow up to 72 hours, Monday – Friday for a response ***during the week that the faculty member is teaching course content.***

Should you need to contact any faculty member outside of their teaching time about course concerns please utilize their TRCC email ([firstinitiallastname@trcc.commnet.edu](mailto:firstname.lastname@trcc.commnet.edu)) or college phone number as noted above.

Students may accomplish learning activities prior to their assignment on the course calendar, but students must be aware that faculty assigned to content will be responding during the time the content is scheduled to be covered on the course calendar. All students must participate in each lesson during the week within which it is assigned.

**Study Groups**

Students are encouraged to form study groups which can meet at a mutual agreeable location. Tutors within the nursing lab are available on some campuses also during set office hours. Students are encouraged to be proactive in their learning and seek help independently. The Nursing Lab and Nursing Tutors are in place to promote success and retention. Students are encouraged to utilize these independent opportunities weekly.

**Methods of Instruction**

This course is taught completely online. Teaching modalities include online lecture, power point, discussion groups and case studies. Computerized programmed instruction and interactive learning tools are also used. Blackboard Vista is used as the learning management tool. If the learner is experiencing computer/ Blackboard related issues please consult the IT department or distance learning specialist on your campus.

**Required Textbooks: (textbooks are used in subsequent courses)**

1. Deglin, Davis Drug Guide for Nurses (11<sup>th</sup> edition) F.A. Davis, 2008.
2. Lehne, Pharmacology for Nursing Care, with CD (6<sup>th</sup> edition) Saunders, 2007.

**Class Examinations**

Exam I	Week of	3/2/10-3/10/10	30%
Exam II	Week of	4/7/10-4/14/10	30%
Exam III	Week of	5/9/10-5/15/10	30%
Additional Assignments	5 med sheets	(2points each)	10%

1) **Drug Classification Drug Sheets** – A much easier way to learn the actions of medication is to study them by classification instead of by individual drugs. Using the form posted on the home page complete 5 sheets on five different drug classification categories. One from each of the 5 main categories – cardiac, respiratory, endocrine, GI and psych. Each drug sheet is worth 2 points. All five drug sheets must be submitted in the drop box labeled “Med Sheets”. Due dates will be one week after the content has been taught. Cardiac due /, Respiratory due 10/11, Endocrine due 11/1, GI due 11/15, and psych due **12/4** . **All due by 23:59 on the due date.**

**Grading Policies**

To pass Nursing 202 and progress in the nursing program a student must:

- Earn at least a 74 average in the course. Test items are drawn from ALL content of the course.

**Grading Rubric for Medication Sheets**

Category for Grading	Level of Response with Maximum points achievable	Level of Response with Maximum points achievable	Level of Response with Maximum points achievable
Quality of information in Medication Sheet	Medication sheet focuses on the drug classification identified and relates all pertinent concepts to the categories listed on the Medication Sheet. Information is clear and concise and includes references to support details and/or examples. Posting consistently uses correct grammar and spelling.	Medication sheet focuses on the drug classification identified but is missing at least 1 pertinent concept of the categories listed on the Medication Sheet. Information is clear and concise but is lacking references to support the details. Postings have one to three errors in grammar and spelling.	Medication Sheet focuses on the drug classification but lacks depth and a clear understanding of the key concepts in the drug classification. Information is not referenced. Postings have greater than three errors in grammar and spelling.
<b>Max. total points</b>	<b>2</b>	<b>1</b>	<b>0</b>

- **Evaluation activities reviewed:**
- **Theory:** In N202 there will be three 50 minute exams (with 40 questions on each exam). The exams are open book format. Five additional assignments (med sheets) will be graded with a rubric.

**Course Schedule and Sequencing of Content:** Please refer to the course content outline attached, for more detailed content information and learning activities.

WEEK	Topic	Faculty Assigned and Contact Information
Week 1 1 hr 1/21-1/30	<b><u>Unit 1: Overview of Pharmacology</u></b> Introduction /Overview/Cardiac pharmacology	Nancy Scrivano, MSN, RN <a href="mailto:nscrivano@trcc.commmnet.edu">nscrivano@trcc.commmnet.edu</a> 860-383-5250
Week 2 1 hour 1/31-2/6	<b><u>Cardiac Pharmacology</u></b>	Nancy Scrivano, MSN, RN <a href="mailto:nscrivano@trcc.commmnet.edu">nscrivano@trcc.commmnet.edu</a> 860-383-5250
Week 3 1 hour 2/7-2/13	<b><u>Cardiac Pharmacology</u></b>	Nancy Scrivano, MSN, RN <a href="mailto:nscrivano@trcc.commmnet.edu">nscrivano@trcc.commmnet.edu</a> 860-383-5250
Week 4 1 hour 2/14-2/21	<b><u>Respiratory Pharmacology</u></b> <i>Cardiac Med sheets due this week by 2/21.</i>	Nancy Scrivano, MSN, RN <a href="mailto:nscrivano@trcc.commmnet.edu">nscrivano@trcc.commmnet.edu</a> 860-383-5250
Week 5 1 hour 2/22-2/27	<b><u>Respiratory Pharmacology</u></b>	Nancy Scrivano, MSN, RN <a href="mailto:nscrivano@trcc.commmnet.edu">nscrivano@trcc.commmnet.edu</a> 860-383-5250
Week 6 1 hour 3/2-3/10	<b><u>Exam 1 (5 hours of content)</u></b> Weight 30% of grade <i>Exam: due by 11:59pm on the 10th</i>	Nancy Scrivano, MSN, RN <a href="mailto:nscrivano@trcc.commmnet.edu">nscrivano@trcc.commmnet.edu</a> 860-383-5250
Week 7 3/7-3/13	<b><u>Spring Break</u></b>	
Week 8 1 hour 3/14-3/20	<b><u>Endocrine Pharmacolgy</u></b> <i>Respiratory Med sheets due this week by 3/20</i>	Nancy Scrivano, MSN, RN <a href="mailto:nscrivano@trcc.commmnet.edu">nscrivano@trcc.commmnet.edu</a> 860-383-5250
Week 9 1 hour 3/21-3/27	<b><u>Endocrine Pharmacolgy</u></b>	Nancy Scrivano, MSN, RN <a href="mailto:nscrivano@trcc.commmnet.edu">nscrivano@trcc.commmnet.edu</a> 860-383-5250
Week 10 1 hour 3/28-4/3	<b><u>GI Pharmacology</u></b> <i>Endocrine Med sheets due this week by 4/3</i>	Nancy Scrivano, MSN, RN <a href="mailto:nscrivano@trcc.commmnet.edu">nscrivano@trcc.commmnet.edu</a> 860-383-5250
Week 11 1 hour 4/4-4/10	<b><u>GI Pharmacology</u></b>	Nancy Scrivano, MSN, RN <a href="mailto:nscrivano@trcc.commmnet.edu">nscrivano@trcc.commmnet.edu</a> 860-383-5250
Week 12 1 hour 4/7-4/14	<b>Examination 2</b> Weight 30% of grade <i>Exam: due by 11:59pm on the 14th</i> <i>GI Med sheets due this week by 4/17</i>	Nancy Scrivano, MSN, RN <a href="mailto:nscrivano@trcc.commmnet.edu">nscrivano@trcc.commmnet.edu</a> 860-383-5250
Week 13 1 hour 4/18-4/24	<b><u>Bioterrorism Pharmacology</u></b>	Nancy Scrivano, MSN, RN <a href="mailto:nscrivano@trcc.commmnet.edu">nscrivano@trcc.commmnet.edu</a> 860-383-5250
Week 14 1 hour 4/25-5/1	<b><u>Psych Pharmacology</u></b>	Nancy Scrivano, MSN, RN <a href="mailto:nscrivano@trcc.commmnet.edu">nscrivano@trcc.commmnet.edu</a> 860-383-5250
Week 15 1 hour 5/2-5/8	<b><u>Psych Pharmacology</u></b> <i>Psych Med sheets due this week by 5/8</i>	Nancy Scrivano, MSN, RN <a href="mailto:nscrivano@trcc.commmnet.edu">nscrivano@trcc.commmnet.edu</a> 860-383-5250
Week 16 1 hour 5/9-5/15	<b>Examination Three</b> Weight 30% of grade 12 noon on <i>Exam: due by 11:59pm on the 15th</i>	Nancy Scrivano, MSN, RN <a href="mailto:nscrivano@trcc.commmnet.edu">nscrivano@trcc.commmnet.edu</a> 860-383-5250

## CLASS PROCEDURES AND POLICIES

**Progression through online lessons:** Students are expected to adhere to the course schedule as published in this document. The sequence of content in NUR\*202 is synchronized with content presented in the clinical companion course NUR\*201 and enhances student learning in both courses.

### Late Medication Sheets

Late submission of assignments will be penalized with a **1 pt per day** grade deduction for each day late.

### Nursing Program Policy Handbook

Refer to the Nursing Program Policy Handbook and the Three Rivers Student Handbook for additional information regarding Distance Learning Courses.

### Attendance Policy

Students are expected to log on, complete work and participate in the course each week. It is the student's responsibility to notify the instructor if they are not able to log on. Instructor will track student participation in the course.

### Testing Policy

For each exam the student will be required to contact the course instructor if an emergency arises and the student can not take the exam during the scheduled exam week. It is the student's responsibility to contact the course faculty before the due date to make alternate arrangements (follow missed exams as outlined in the Handbook).

### Procedure for Taking Examinations:

All exams will be conducted online through BB/Vista Assessment feature. **Exams are due by 11:59 PM on the final posted date the exam is scheduled.**

All exams will be conducted online through the BB/Vista Assessment feature.

Late Exams: will be penalized with a **5 pt per day** grade deduction for each day late. Exams will be considered late after 12 noon on the Monday following the week of the lesson.

## COURSE GRADING

<b>Nur*202 Course Grading Criteria Based Upon a Total of 100 Points</b>			
Item	Maximum Points per item	Total Number of Items	Maximum Possible Points
Three Examinations	30	3	90
Other assessment methods (Med Sheets)	2	5	10
			100 points

### Course Grading Formula

Letter Grade	Numerical Equivalent
A	93-100
A-	90-92
B+	87-89
B	83-86
B-	80-82
C+	77-79
C	74-76
C-	70-73
D+	67-69
D	64-66
F	60-63

*Please Note:* Grades will be computed to the second decimal point and at the end of course will be rounded once to a whole number for the final course grade. A grade at or above .50 will be rounded up to the next whole number; any grade at or below .49 will be rounded down to the whole number. See Nursing Student Handbook, p 15.

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#### **Statement on Penalty for Academic Dishonesty or Plagiarism**

Plagiarism is the **unacknowledged** use of another person's words or ideas in your writing. Whether conscious or not, plagiarism is a serious offense. Evidence that you did not write material that you submit under your name can result in failure for the entire course. Refer to 2008-2009 College Catalog for policy. Students are expected to: "Demonstrate academic integrity by not engaging in conduct that has as its intent or effect the false representation of a student's academic performance, including but not limited to: (a) cheating on an examination; (b) collaborating with others in work to be presented, contrary to the stated rules of the course; (c) plagiarizing, including the submission of others' ideas or papers (whether purchased, borrowed or otherwise obtained) as one's own; (d) stealing or having unauthorized access to examination or course materials; (e) falsifying records or laboratory or other data; (f) submitting, if contrary to the rules of a course, work previously presented in another course; and (g) knowingly assisting another student in any of the above, including an arrangement whereby any work, classroom performance, examination, or other activity is submitted or performed by a person other than the student under whose name the work is submitted or performed." Consequences are delineated in the College Catalog.

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#### **WITHDRAWAL POLICY:**

Students may withdraw, in writing, at the Registrar's Office for any reason until the end of the 10th week of classes. From the 11th week through the end of the 13th week, a student may withdraw with the signature of the instructor or advisor. Refer to the Nursing and College Student Handbooks and College Catalog. This course does not offer midterm theoretical warning grades. Students with concerns about their course average are encouraged to contact the course faculty.

Continuation in the nursing program to NUR\*203 and NUR\*204 is contingent upon successful completion of this course.

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#### **DISABILITIES STATEMENT:**

If you have a hidden or visible disability which may require classroom or test-taking modifications, please see the course faculty as soon as possible. If you have not already done so, please be sure to contact the college Disabilities Coordinator. Also see the College Catalog for additional policies and information.