

## **CONNECTICUT COMMUNITY COLLEGE NURSING PROGRAM**

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

### **Three Rivers Community College**

#### Course Syllabus for **NUR\*204 Spring 14**

---

#### **COURSE TITLE: NUR\*204 Pharmacology for Individuals and Families Intermediate Health Care Needs II**

##### **Course Prerequisite**

NUR 102: Family Health Nursing

NUR 103: Pharmacology for Families across the Lifespan

NUR 201: Nursing Care of Individuals and Families

NUR 202: Pharmacology for Individuals and Families Intermediate Health Care

##### **Course Co-Requisite**

NUR 203: Nursing Care of Individuals and Families Intermediate Health Care II

NUR 205: Nursing Management and Trends

##### **Course Components**

Credits 1 credit

Hours Classroom: 15 hours

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

We are pleased to have you in Nursing 204 –

**COURSE START DATE:** January 24, 2014

**COURSE END DATE:** May 8, 2014 **Pharmacology for Individuals and Families Intermediate Health Care Needs II.** 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 Judy Snayd first. You may also need to contact Blackboard/Learn support on your *My Blackboard* page through the Connecticut Community Colleges online support. Please note that as of the start of January 2013 we no longer have **24/7** technical support for distance learners and other users of Blackboard Learn to be able **to reach a person**. However, there is still an array of technical support for students as described below. Please remember that we have limited or no administrative access to external publisher systems (Pearson, McGraw-Hill, Elsevier, MacMillan, etc.) so that for publisher systems either you must provide your own technical support to your students or you must send them to the publisher's call center or web site for support. Here are some additional supports:

1. Student support website, [www.threerivers.edu/support](http://www.threerivers.edu/support) with support documents and several videos.
2. Email assistance is always available via [TR-DistanceLearning@trcc.commnet.edu](mailto:TR-DistanceLearning@trcc.commnet.edu). Students can expect a response within 24 hours except during holidays, weekends, or extended breaks. I answer emails directly and this can be assigned to others when I am

away so please provide students with the distance learning email address rather than my college address.

3. Phone support for technical problems is available via the IT Help Desk at 860 885-2334 during college core hours.
4. In person support is available via the IT Help Desk during college core hours. Note that the IT help Desk will be able to track problems.

### **Course Description**

The student will focus on safe use, pharmacologic principles, indications and nursing implications related to drug therapy in the care of individuals, families, and groups with complex health care needs. Emphasis will be placed on medications used for clients who have acute and chronic renal failure, oncology and neurological conditions, and multi-system dysfunction and clients who choose an alternative therapy.

### **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, renal, oncology, neurological, multisystem organ conditions, and trauma.
2. Apply the nursing process to drug theory as it relates to clients with renal, oncology, neurological, multisystem organ conditions and trauma.
3. Describe safe and competent medication administration as it relates to clients with renal, oncology, neurological, multisystem organ conditions, and trauma.
4. Develop a comprehensive pharmacological teaching plan for clients with renal, oncology, neurological, multisystem organ conditions, and/or trauma.
5. Interpret cultural and individual awareness when tailoring drug therapy to clients with renal, oncology, neurological, multisystem organ conditions, and trauma.
6. Differentiate the roles of the multidisciplinary health team members when implementing a pharmacological plan of care for clients with renal, oncology, neurological, multisystem organ conditions, and trauma.
7. Analyze the legal-ethical implications of medication administration related to clients with renal, oncology, neurological, multisystem organ conditions and trauma.
8. Examine the professional role of the nurse in medication administration for clients with renal, oncology, neurological, multisystem organ disorders, and trauma.

Medications in NUR\* 204 related to specific disorders will be reviewed through readings or technology resources and / or discussed in relation to the following seven (7) components:

1. Indications for use
2. Pharmacokinetics
  - a. Action
  - b. Onset / Peak / Duration
  - c. Absorption, Distribution, Metabolism, and Excretion (ADME)
3. Side effects / Adverse effects / Contraindications
4. Administration (route and dose)
5. Nursing Implications Across the Lifespan
6. Client Education
7. Relation to previous learning

**FACULTY INFORMATION:****Francine J. Wallett RN MSN****Office: C260****Phone: 860-215-9484****Email:fwallett@trcc.commnet.edu**

In general, I may be contacted for course/lesson concerns via Blackboard/Learn email within the course. My response time may vary, but in general allow up to 72 hours, Monday – Friday for a response.

Should you need to contact me outside teaching time about course concerns please utilize my TRCC email ([fwallett@trcc.commnet.edu](mailto:fwallett@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 Learn 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 (12<sup>th</sup> edition) F.A. Davis, 2011.
2. Lehne, Pharmacology for Nursing Care, with CD (7<sup>th</sup> edition) Saunders, 2010.

**Evaluation activities reviewed:****Theory:**

Evaluation in Nursing 204 is via three on ground exams (with 40 questions on each exam). The exams are open book format (Lehne only). The exams are collaborative testing format. The students will be allowed 80 minutes for the collaborative format. Groups for the collaborative format will be assigned by the course leader. In addition there is a teaching plan worth ten points. To pass Nursing 204 a student must earn at least a 74 average in the course. Test items are drawn from ALL content in the course.

**Examinations**

|                            |                   |
|----------------------------|-------------------|
| Exam 1                     | 2/13/14           |
| Exam 2                     | 4/10/14           |
| Exam 3                     | 5/8/14            |
| Pharmacology Teaching Plan | 4/17 Pharm Tea/14 |

The teaching plan is due by 11:59 pm on the due date, unless otherwise stated. A grading breakdown and assignment instructions can be found on blackboard.

#### COURSE GRADING: TBA

| <b>Nur*204 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 (Teaching Plan)                                | 10                      | 1                     | 10                      |
|   |                         |                       | 100 points              |

#### 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\*204 is synchronized with content presented in the clinical companion course NUR\*203 and enhances student learning in both courses.

#### **Side by Side comparison of student activities for semester co-requisite courses:**

NUR\*203: Nursing Care of Individuals and Families II (8 credits)

NUR \*204: Pharmacology for Individuals, Families and Groups with Complex Healthcare needs (1 credit)

NUR\* 205: Nursing Management and Trends (2 credits)

| <b>Week of Semester</b>    | <b>Activities in NUR*203</b>                                  | <b>Activities in NUR*204</b>   | <b>Activities in NUR*205 TBA</b> |
|----------------------------|---|--|----------------------------------|
| <b>Week 1:<br/>1/23,24</b> | Course Overview<br>Psych content                              | Introduction/Overview<br><br>Pharmacology related to multisystem dysfunction | Orientation to Course            |
| <b>Week 2:<br/>1/30</b>    | Neuro Overview/Stroke<br><br>Neuro Assessment Lab& SBAR (1-3) | Cancer Pharmacology  |                                  |
| <b>Week 3:<br/>2/6</b>     | <b>Quiz # 1</b><br><br><b>ATI Practice Mental Health</b>      | Cancer Pharmacology  |                                  |

|                                   |   |  |                         |
|-----------------------------------|---|--|-------------------------|
| <b>Week 4:</b><br>2/13            | MODS/Shock<br>Burns   | Quiz #1 Proctored  |                         |
| <b>Week 5:</b><br>2/20            | Burns<br>Trauma   | Neuro Pharmacology   |                         |
| <b>Week 6</b><br>2/24<br><br>2/27 | 2/24 Patient Care<br>Emergency Lab<br><br>Quiz #2<br>Mass Casualty          | Neuro Pharmacology   |                         |
| <b>Week 7:</b><br>3/6             | Oncology:<br>Management of<br>Chemo &<br>Reproductive Cancer                | Neuro Pharmacology   |                         |
| <b>Week 8:</b><br>3/13            | Oncology:<br>Chemo Mngt<br>Reproductive<br>Cancers                          | Neuro Pharmacology   |                         |
| <b>Week 9</b><br>3/27             | <b>Pediatric Oncology<br/>BMT/HSCT<br/>ATI Pediatric<br/>Practice Test</b>  | Renal Pharmacology   |                         |
| <b>Week 10</b><br>4/3             | Quiz #3<br>Oncologic<br>Emergencies<br>Hospice                              | Renal Pharm  |                         |
| <b>Week 11</b><br>4/10            | Renal<br>Organ Donation   | Quiz #2 Proctored  |                         |
| <b>Week 12</b><br>4/17            | <b>Neuro:<br/>Head Trauma<br/>Paralyzing<br/>ATI Practice Test</b>          | Pharm Teaching Plan (10 points)<br>Pharmacology related to<br>Multi system dysfunction:<br>Opportunistic infection |                         |
| <b>Week 13</b><br>4/24            | Neuro:<br>Degenerative<br><b>ATI<br/>Medical/Surgical<br/>Practice Test</b> | Pharmacology related to<br>Multi-system dysfunction:<br>HIV/AIDS   | Seminar: Impaired Nurse |
| <b>Week 14</b><br>5/4             | <b>Quiz #4<br/>Neuro:Pediatric</b>  | Commonly Used Herbs  |                         |

|                            |   |                         |  |
|----------------------------|---|-------------------------|--|
|                            | <b>Meningitis/<br/>Seizures</b>               |                         |  |
| <b>Week 15<br/>5/8</b>     | HIV   | Quiz# 3 Proctored Pharm |  |
| <b>Week 16<br/>5/15</b>    | <b>Final<br/>ATI Proctored<br/>NCLEX EXAM</b> |                         |  |
| <b>Week 17<br/>5/19-21</b> | ATI NCLEX<br>Review Course                    |                         |  |

### **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 and punctual for exams. In the event that the student will be absent for personal illness or emergency, the student must notify the course coordinator prior to 8am on the morning of the exam. Planned absences for vacation are not valid reasons for missing an exam. Missing an exam will warrant a makeup exam with format and date at the discretion of the course leader. It is the student's responsibility to contact the course faculty before the due date to make alternate arrangements. In addition, Students will take one ATI Practice Pharmacology Test. This is a **mandatory** expectation of students.

---

### **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.

---

**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 the 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.

---

**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. The last day to withdraw is December 10, 2012. This course does not offer midterm theoretical warning grades. Students with concerns about their course average are encouraged to contact the course faculty. Graduation is contingent on successful completion of this and co-requisite courses.

---

**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.

---