

CONNECTICUT COMMUNITY COLLEGES NURSING PROGRAMS

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

THREE RIVERS COMMUNITY COLLEGE

Nursing 103

**PHARMACOLOGY FOR FAMILIES ACROSS THE
LIFESPAN**

Syllabus and Course Materials

Spring 2010



NUR 103: PHARMACOLOGY FOR FAMILIES ACROSS THE LIFESPAN

Course Prerequisites

NUR 101: Introduction to Nursing Practice

Course Co/Pre requisites

NUR 102: Family Health Nursing

Course Components

Credits 1 credits

Hours Classroom: 15 hours

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 perinatal, neonatal, pediatric, geriatric and peri-operative clients. 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, client education and relationship to prior learning.

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 obstetrical, geriatric, pediatric, psychiatric, peri-operative, gynecological, genitourinary, and orthopedic conditions.
2. Apply the nursing process to drug theory as it relates to clients with obstetrical, geriatric, pediatric, psychiatric, peri-operative, gynecological, genitourinary, and orthopedic conditions.
3. Describe safe and competent medication administration as it relates to clients with obstetrical, pediatric, geriatric, psychiatric, peri-operative, gynecological, genitourinary, and orthopedic conditions.
4. Develop a comprehensive pharmacological teaching plan for clients with obstetrical, pediatric, geriatric, psychiatric, peri-operative, gynecological, genitourinary, and /or orthopedic conditions.
5. Interpret cultural and individual awareness when tailoring drug therapy to clients with obstetrical, pediatric, geriatric, psychiatric, peri-operative, gynecological, genitourinary, and orthopedic conditions.
6. Differentiate the roles of the multidisciplinary health team members when implementing a pharmacological plan of care for clients with obstetrical, pediatric, geriatric, psychiatric, peri-operative, gynecological, genitourinary, and orthopedic conditions
7. Analyze the legal-ethical implications of medication administration related to clients with obstetrical, pediatric, geriatric, psychiatric, peri-operative, gynecological, genitourinary, and orthopedic conditions.
8. Examine the professional role of the nurse in medication administration for clients with obstetrical, pediatric, child/adolescence psychiatric, pre-post operative, gynecological, genitourinary, or orthopedic conditions.

Faculty:

Anne Lamondy, M.S.N., R.N., Associate Professor
alamondy@trcc.commmnet.edu or
course e-mail on blackboard

Faculty / Staff Availability

Students are encouraged to seek clarification with the course coordinator as needed. Students are also encouraged to seek advisement with faculty as needed. Scheduled faculty office hours are posted outside faculty offices. Students may also speak with faculty by appointment. All faculty look forward to your success. Please utilize your time wisely.

Study Groups

Students are encouraged to form study groups which can meet in the lab or at the groups' mutual location choice. Tutors within the nursing lab are available also during posted hours of the Nursing Laboratory. 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

Teaching modalities include online lecture, power point, case studies, discussion boards, critical thinking responses and drug category med sheets. Computerized programmed instruction and interactive learning tools are also used. Blackboard Vista is used as the learning management tool.

Required Textbooks: (textbooks are used in subsequent courses)

1. Deglin, Davis Drug Guide for Nurses (11th edition) F.A. Davis, 2008.
2. Lehne, Pharmacology for Nursing Care, with CD (7th edition) Saunders, 2009.

Class Examinations

Exam I	Feb 21-27	30%
Exam II	Mar. 28-Apr. 3	30%
Exam III	May 2-8	30%

Exams will open at 6 am and close at 11:59pm on the above listed dates.

Other Assignments

Case Studies (Total of 5)

10%

Note: Many case studies are located in each of the weekly modules. Select five and submit responses through the drop boxes set up and labeled for each case study.

Due dates: Each case study is due by 23:59 pm on the due dates listed

- Case study #1 Feb 13th
- #2 Mar 6th
- #3 Mar 27th
- #4 Apr 10th
- #5 May 1st

Grading Policies

To pass Nursing 103 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.

Evaluation activities reviewed:

Theory Grade:

1) Three 60 minute exams (with 30-40 questions on each exam) the exams are open book/note format.

2) Five case studies, each worth 2 points. Case studies will be graded with a rubric. Several case studies are located in each module of the course.

Grading Rubric for Case Studies

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 Posting	Posting consistently focuses on the concepts in the unit and relates the underlying concepts in the readings to the case study. Comments including several supporting details and/or examples. Postings consistently use correct grammar and spelling.	Posting focuses on the concepts in the unit and relate the underlying concepts in the readings to the case study. Provides at least 1 supporting details or examples. Postings have occasional errors in grammar and spelling.	Posting focuses on the concepts in the unit but do not relate the underlying concepts in the readings to the case study. No details and/or examples are given. Postings have numerous grammar and spelling errors.
Max. total points	2	1	0

- **Weight:** 3 exams, each worth 30% = 90% of total grade. The remaining 10% will come from 5 case studies as listed above. The three exams plus the 5 case studies = the letter grade in the course.

- **The grading criteria are:**
- A 93-100
- A- 90-92
- B+ 87-89
- B 83-86
- B- 80-82
- C+ 77-79
- C 74-76
- D+ 67-69
- D 64-66
- F 0-63



Nursing Program Policy Handbook

Refer to the Nursing Program Policy Handbook for information regarding:

- Missed Exams & Attendance

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

Each exam in the course will be available for the one week in which it is assigned. After beginning the exam, the student will have one hour to complete the exam. If an emergency arises and the student can not take the exam; it is their responsibility to contact the course coordinator via e-mail to make alternate arrangements. Failure to contact the instructor could result in a failing grade on the exam. (follow miss exam policy as outlined in the Student Handbook)

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 2009-2010 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.

Additional Expected Activity Requirements

Students are expected to participate in class discussions board (please be mindful of net-etiquette). Participation enhances the learning experience and allows students and instructors the opportunity to learn from each other.

Students are reminded that classroom demeanor is a vital part of participation. Students should behave appropriately at all times and are asked to practice common courtesy, recognizing each person's right to learn in an atmosphere conducive to the learning experience. Students who violate the rules of courtesy and/or professional demeanor will be asked to leave. Students are required to attend all class "meetings". Lack of participation will have a direct impact on student learning.

WITHDRAWAL POLICY:

Students may withdraw, in writing, at the Registrar's Office for any reason. Refer to the Nursing and College Student Handbooks and College Catalog. Students who receive an overall unsatisfactory clinical grade at any time in the rotation will fail this course and receive a grade of F. This course does not offer midterm theoretical warning grades. Students with concerns about their course average are encouraged to contact the course coordinator.

DISABILITIES STATEMENT:

If you have a hidden or visible disability which may require classroom or test-taking modifications, please see the course coordinator as soon as possible. If you have not already done so, please be sure to register with Chris Scarborough if you have a learning disability, ADD or ADHD, or Student Services for other physical disabilities. Please see the Three Rivers Community College Catalog for additional policies and information.

CLASS OUTLINES AND READINGS ARE PROVIDED IN COURSE MODULES

AL/1-10