



BNRT NURSING 205 (Lec 01)

**THERAPEUTIC INTERVENTIONS
BACHELOR OF NURSING
BNRT TRACK PROGRAM**

COURSE OUTLINE

Fall Session 2009

Class Day(s)/Time:	Tuesday & Thursday 0800-0915
Dates:	September 8 to December 8, 2009
Classroom:	Murray Fraser Hall - Room 162
Course Instructor(s):	Dr. Harry Plummer Faculty of Nursing Office: PF 2273 Telephone: (403) 210-8807 Email: hplummer@ucalgary.ca
Office Hours:	By appointment

CALENDAR DESCRIPTION

Nursing therapeutics and pharmacology in wellness, and illness states across the lifespan.

Course Intent

The intent of this course is to **introduce you** to commonly used medications, the rationale for their use and to provide you with a framework for categorizing drugs and their effects. Accompanying this will be awareness of the side effects and drug-drug interactions. It is intended that you will incorporate into your study of nursing interventions; the issues surrounding the safe and appropriate administration of commonly used drugs in the hospital and in the community. This course will provide you with a foundation of knowledge and skills to integrate therapeutic interventions associated with food, drugs, and related substances.

Course Perspective

Some nursing interventions draw heavily on knowledge and collaboration with other health disciplines including medicine, pharmacology and nutrition. Nurses have significant responsibilities administering medications, monitoring and teaching about the effects of those medications. Nurses play an important role in influencing nutritional choices especially those associated with a medication regime. Increasingly, nurses need a strong knowledge base related to the actions of complementary health care products (although an in-depth exploration of complementary medications is outside the scope of this course), supplements, alcohol, street drugs, and combinations thereof that influence the health of the client populations under their care.

Learning Activities

Bi-weekly lectures. Questions and discussions are encouraged to facilitate your learning. There will be an in class review of the mini tests and further opportunities to complement and supplement your learning.

To facilitate your learning it will be the student's responsibility to review the dosage and frequency of the prototype drugs discussed in each lecture.

I have booked Room 1297 in the Faculty of Nursing from 1300-1430 each Tuesday, starting September 23rd for a tutorial. It is not a requirement for you to attend. The tutorial is to help you with any sticking points you may have.

PLEASE NOTE THAT THE POWERPOINT IS NOT THE LECTURE.

Learning Intents

By the end of this course you will be able to:

1. Discuss the application of therapeutic interventions in the context of the role of the professional nurse.

2. Have working knowledge of drug categories, and examples of prototype drugs.
3. Evaluate the safety and effectiveness of drug interventions, including recognition of side-effects, adverse reactions, interactions and toxicity.
4. Describe how the human body, across the lifespan, absorbs/consumes, metabolizes, and excretes chemical substances including foods and drugs.
5. Recognize the significance of nutritional and drug information as it applies to specific client situations.
6. Describe safety precautions to be taken in the administration of medications.

Required Textbooks/Resources

The following required textbooks and reading packages are **available for purchase at the University of Calgary Bookstore**.

Core Concepts in Pharmacology, (2nd. Edition) Holland, N. & Adams, M. P. Prentice Hall, New Jersey.

Drug Guide for Nurses 2009, Deglin, J. H. & Vallerand, A. H. F.A. Davis, Philadelphia.

Student Evaluation

You will have two examinations (multiple choice and True/False questions) plus two mini tests. The mini tests are open book. The mid term and final examinations are closed book. The final examination is non cumulative. The midterm exam will take place in the classroom.

The date and location of the final exam is set by the Registrar's Office. Students will be notified immediately by the Course Professor when the date is announced.

The two mini tests will consist of multiple choice and True/False questions and will be completed by you on Blackboard. For the first mini-test you will be given ample time to complete the test. To further facilitate your learning the student is encouraged to complete the mini test by themselves. I also strongly recommend you complete the test in one sitting.

An explanation of the Blackboard quizzes and the amount of time you will have will be discussed on the first day of class. Please see attached timetable for receiving and handing in your mini test. The mini tests will be completed outside of classroom hours. It is essential the mini tests are completed on the required date.

Midterm exam	40%
Two Mini-tests	10% each
Final exam	40% (non-cumulative)

Midterm and Final Exam Policy

1. Midterm Exam and Final Exam: The midterm exam and will be written in the scheduled classroom during regular class time. A student who becomes ill prior to the examination date and time, and is unable to write the examination must notify the course coordinator **prior** to the designated examination time. Please call and speak to the course professors (Dr. Harry Plummer 210-8807) or leave a message stating the date and time you called, reason for missing the scheduled examination and a phone number where you can be reached so that

arrangements can be made for you to write a deferred examination. You may be required to submit a physician's certificate prior writing the deferred examination.

Students who call in after the scheduled examination has commenced or been completed **will not** be excused from the examination and will receive **0%** for the examination missed.

Minimum passing grade for this course is D

FACULTY OF NURSING UNDERGRADUATE GRADING SCALE

If the percentage on your assignment is:	The grade on your assignment is:	The weighted grade points will be taken from:	If the total for all assignments is:	Your final grade will be:	And the GPA for the course will be:
98.0 – 100	A+	4.0	3.95-4.00	A+	4.0 Outstanding -- exceptional analysis and synthesis of subject matter.
93.0 – 97.9	A	3.9	3.85-3.94	A	4.0 Excellent -- superior performance, showing comprehensive understanding of subject matter.
88.0 – 92.9	A-	3.7	3.50-3.84	A-	3.7
83.5 – 87.9	B+	3.3	3.15-3.49	B+	3.3
78.0 – 83.4	B	3.0	2.85-3.14	B	3.0 Good -- clearly above average performance with knowledge of subject matter generally complete.
73.5 – 77.9	B-	2.7	2.50-2.84	B-	2.7
69.0 – 73.4	C+	2.3	2.15-2.49	C+	2.3
63.5 – 68.9	C*	2.0	1.85-2.14	C	2.0 Satisfactory - basic understanding of the subject matter. [Minimum passing grade for NURS 203/211.]
59.0 – 63.4	C-	1.7	1.50-1.84	C-	1.7
54.5 – 58.9	D+	1.3	1.15-1.49	D+	1.3
50.0 – 54.4	D	1.0	0.50-1.14	D	1.0 [Minimum passing grade for theory courses.]
49.9 or less	F	0	0.00-0.49	F	0.0

Approved by Faculty of Nursing, Executive Committee of Council, June 9, 2005
 [Editorial Revisions: August 7, 2009]

WITHDRAWAL DEADLINE
The last date for withdrawal from this course without penalty is September 21st.

STUDENT MISCONDUCT

Plagiarism is a serious offence which will result in the following penalty and application:

1. In cases in which the dean and/or faculty is satisfied that a student is guilty of plagiarism, cheating or other academic misconduct in circumstances which suggest a clear intention to deceive or otherwise commit an academic offence, the normal penalty will be either suspension or expulsion from the faculty.
2. In cases in which the dean and/or faculty is satisfied that an offence has been committed, but doubt is left as to the existence of a clear intention to deceive or otherwise commit an academic offence, the normal penalty will be probation.
3. In cases where a student is found guilty of more than a single offence, the normal penalty will be expulsion from the faculty, and in the most serious cases, expulsion from the University.

While it is recognized that scholarly work often involves reference to the ideas, data and conclusions of other scholars, intellectual honesty requires that such references be explicitly and clearly noted.

Plagiarism occurs not only when direct quotations are taken from a source without specific acknowledgement but also when original ideas or data from the source are not acknowledged.

For further information on Student Misconduct Policies, please refer to the official online University of Calgary Calendar 2009-2010, Academic Regulations, K. Student Misconduct: www.ucalgary.ca/pubs/calendar/

Intellectual honesty is viewed most seriously at the University of Calgary and compliance with standards of intellectual honesty is an expectation.

ACADEMIC WRITING

The University supports the belief that throughout their University careers, students should be taught how to write well; therefore, written assignments in this course will be evaluated based on the required elements as well as quality academic writing.

For further information, please refer to the official online University of Calgary Calendar 2009-2010, Academic Regulations, E. Course Information, E.2 Writing Across the Curriculum: www.ucalgary.ca/pubs/calendar/

EXAMINATION AND TESTS

For detailed information regarding Examinations and Tests, please refer to the official online University of Calgary Calendar 2009-2010, Academic Regulations, G. Examinations and Tests: www.ucalgary.ca/pubs/calendar/

1. Final examinations are scheduled by the Registrar's Office, University of Calgary.

The exam period is posted in the University of Calgary Calendar. A final exam can be scheduled anytime during this time period. Students must be available for examinations up to the last day of the examination period. [NOTE: This policy may not apply to some BNAT block courses which finish mid-semester.]

2. Deferred Examinations

A student who becomes ill prior to the examination and is unable to write the examination at the scheduled time will notify the course instructor. Please call the course instructor (voice mail) and leave a message stating the date and time you called, reason for missing the scheduled examination and a phone number where you can be reached so that arrangements can be made for you to write a deferred examination. You may be expected to submit a doctor's certification prior to writing the deferred examination. For further information regarding Deferral of Final Examinations Policies, please refer to the official online University of Calgary Calendar 2009-2010, Academic Regulations, G. Examinations and Tests, G.6 Deferral of Final Examinations: www.ucalgary.ca/pubs/calendar/

REAPPRAISALS AND APPEALS

For information on reappraisals and appeals, refer to the official online University of Calgary Calendar 2009-2010, Academic Regulations, I. Reappraisal of Grades and Academic Appeals: www.ucalgary.ca/pubs/calendar/

Please note the 15 day timeline from the receipt of a mark and a request for reappraisal and/or appeal to the Associate/Assistant Dean, Undergraduate Programs.

ACADEMIC ACCOMODATIONS

It is the student's responsibility to request academic accommodations. If you are a student with a documented disability who may require academic accommodation, you must officially register with the Disability Resource Centre. Students who have not registered with the Disability Resource Centre are not eligible for formal academic accommodation. You are also required to discuss your needs with your instructor within the first week of the start of this course.

Further information can be obtained at: www.ucalgary.ca/drc/ or by calling 403-220-8237.

Classroom Environment – Ground Rules

Based on the course professors' experiences, and student evaluations, the following ground rules will be implemented in the classroom:

- Mutual respect and professional behaviour between students and faculty members (including guest lecturers) is expected.
- Constructive questions and discussion are encouraged.
- Persistent and unnecessary talk by students during lectures will not be permitted. If students continue with disruptive behaviour the following action will be taken:
 - student(s) will be asked to leave the class
 - if a student refuses to leave the class the professor will leave
 - behaviour which constitutes non-academic misconduct (refer to **p. 555** of the University Calendar) will be documented and referred to the Dean of Nursing for further action.

* Cell phones will be turned off for the duration of the lecture.

Please remember this is your learning opportunity. Please feel free to contact me if I can help with the course content.

NUR 205 CLASS SCHEDULE AND READINGS, Fall 2009

2009	TOPIC	READINGS	INSTRUCTOR
Sept 8	Introduction and Course Expectations	Course Outline	Dr. Plummer
Sept 10	Concepts in Pharmacology	Chapters 1 & 2	Dr. Plummer
Sept 15	Concepts in Pharmacology	Chapters 1 & 2	Dr. Plummer
Sept 17	OTC Drugs	See Power Point slides	Dr. Plummer
Sept 22	Anti-hypertensive drugs	Chapter 15	<i>Dr. Plummer</i>
Sept 24	Cardiovascular Drugs	Chapters 16, 17, 18	<i>Dr. Plummer</i>
Sept 29	Cardiovascular Drugs	Chapters 16, 17, 18	Dr. Plummer
Oct 1	GI Drugs	Chapter 26	Sonal Ejner
Oct 6	Vitamins and Minerals. Mini test on Blackboard	Chapter 27	Dr. Mannion
Oct 8	Discussion and review of mini test		
Oct 13	Mid Term Exam		
Oct 15	Adrenergic/Cholinergic Drugs	Chapter 7	Sonal Ejner
Oct 20	Psychotropic Drugs	Chapter 8, 9, 10	Dr. Annette Lane
Oct 27	Diabetes and Anticoagulant Drugs	Chapter 29, p.545-546. Chapter 14	Dr. Plummer
Oct 29	Herbs	Chapter 5	Dr. Mannion
Nov 3	Antibiotics	Chapters 22, 23	Sonal Ejner
Nov 5	Antibiotics	Chapters 22, 23	Sonal Ejner
Nov 10	Analgesics	Chapter 12	Dr. Plummer
Nov 12	READING DAY – NO CLASS!		
Nov 17	Food and Drug Interactions	Chapter	Dr. Mannion
Nov 19	Asthma and COPD drugs	Chapter 25	Sonal Ejner
Nov 24	Endocrine Drugs Mini test on Blackboard	Chapter 29	Dr. Plummer
Nov 26	Review of Mini Test and Discussion		Dr. Plummer
Dec 1	MusculoSkeletal and AntiInflammatory Drugs	Chapters 21, p. 365-373	Dr. Plummer
Dec 3	Lipid Control Drugs	Chapter 20	Sonal Ejner
Dec 8	REVIEW		Dr. Plummer

- * **Additional required readings may be assigned.**
- * **New drug therapy reported in the Press and peer reviewed journals will be discussed as part of the overall student learning experience.**
- * **Lecture topics are subject to change**