



## **FACULTY OF NURSING**

### **Master of Nursing & Nurse Practitioner Programs**

### **N661 Advanced Pathophysiology and Therapeutics**

**Winter 2012**

**January 10 – April 10**

**Tuesdays 13:00 – 17:00**

**Room: 2253**

**Course-Cordinator: Dr. Karen L. Then RN CCN(C) ACNP PhD  
Professor & Acute Care Nurse Practitioner**

**Course Professor: Dr. James A. Rankin RN NP PhD  
Professor & Nurse Practitioner**

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## University of Calgary, Faculty of Nursing

### N661 Advanced Pathophysiology and Therapeutics

Professor: Dr. Karen L. Then

#### Course Description

This course has specific emphasis on the study of pathophysiological phenomena and clinical applications at an advanced level. The course is designed for nurse practitioner and MN graduate students. Classes will be a combination of didactic presentations, seminars and case studies. Students are invited to explore morbidity and mortality in the Canadian population in general and in their area of focus in particular.

#### Course Objectives

1. Describe and discuss certain concepts pertaining to population health and epidemiology
2. Demonstrate advanced understanding of selected pathophysiological phenomena at the cellular, organ, system and multi-system levels
3. Demonstrate understanding of the epidemiology, etiology, pathophysiology, differential diagnoses, diagnostic tests, relevant research and preliminary management of selected diseases
4. Explore in depth a pathophysiological condition from the student's area of practice/population of focus

#### Class Format

The seminars will be a combination of didactic presentations of the pathophysiological or epidemiological phenomena together with case presentations and clinical applications. **Students are expected to come prepared with questions based on the pre-class readings. All students are expected to participate in class discussions.** Students are encouraged to reflect on the relevance of the topic under discussion as it relates to their area of practice/population of focus. The selection of seminar topics is based on the common diseases and conditions prevalent in the Canadian population.

Class is mandatory for students in the Nurse Practitioner program or those planning to apply for transfer to that program. For others it is essential that students attend class and participate in learning. Content covered in class, as well as, in the readings will be testable.

#### Course Requirements

Students are responsible for the core components of the course. In addition, students are expected to apply the learning of pathophysiology to practice throughout their program of study and beyond. Learning activities relevant to the course include, but are not limited to, a review of the literature, participation in multidisciplinary rounds, observation in operating rooms, laboratories and clinics, review of case records with expert clinicians, accessing the Medical Resources Learning Centre (Bacs Centre) and consultation with resource persons.

#### Student Evaluation

There are three components to evaluation in this course:

- Posted exams on blackboard

There are three exams consisting of multiple choice and short answer questions. They will be posted on Blackboard at 09:00 the morning of the exam. Students will return their completed exams by email attachment to Dr. Then no later than 16:00 on the due date.

Each exam is to be completed individually. Exams that are returned late will be penalized five percent (5%) per day. Exams will not be accepted after 3 days unless there are extenuating circumstances that have been discussed in person with Dr. Then **prior** to the exam submission deadline. Multiple choice forms will be required to be completed and returned to the main office and stamped by the main office by 1600 on the due date.

**NO** copies of the exam or your answers can be kept. **NO** copies of any of the diagrams may be kept.

**Please note: You may only view the exam documents in PDF format from your computer screen. You may NOT print or download any of the exam documents.** Failure to do so will be taken as a breach of student academic conduct and the appropriate steps will be taken (see N661 course outline p. 3 and University Calendar).

#### Exams on Blackboard:

<b>Exam 1:</b> Weight 30%	Posting date: Jan 26 <sup>th</sup> , 2012 09:00	Due date: Jan 28 <sup>th</sup> , 2012 16:00
<b>Exam 2:</b> Weight 30%	Posting date: Feb 29 <sup>th</sup> , 2012 09:00	Due date: Mar 2 <sup>nd</sup> , 2012 16:00
<b>Exam 3:</b> Weight 40%	Posting date: April 11 <sup>th</sup> , 2012 09:00	Due date: April 13 <sup>th</sup> , 2012

#### **Professional Conduct and Attitude**

Students will demonstrate professional behaviour with colleagues and professors and be conscientiousness and reliable. In addition, students will demonstrate skills necessary for optimal collaborative work and professional life long learning.

PLEASE NOTE: The regular use of electronic hardware (e.g. Blackberry, iPod, Laptop etc) is NOT permitted in class unless a specific request is made by the professor for students to access such devices.

#### **University of Calgary Regulations**

The University of Calgary's Graduate Studies Calendar 2011 - 2012 outlines the rights and responsibilities of a student. Students are responsible to read and understand the Academic Regulations as specified in the Calendar.

#### **Withdrawal**

The last day to withdraw with permission from N661 is April 13, 2012.

#### **Reappraisals and Appeals**

Students are referred to the U of C Calendar 2011-2012 for guidelines regarding reappraisal and appeal processes. There is a 15-day time limit between the receipt of a mark and a request for a reappraisal or appeal.

#### **Academic Accommodation for Students with Disabilities**

Students with a disability who may require academic accommodation are advised to register with the Disability Resource Centre in MacEwan Student Centre Room 293 (telephone 403-220-8237).

#### **Freedom of Information and Protection of Privacy**

Information (such as phone number, addresses, sites of practica, etc.) that you may be asked to provide is collected under the authority of the Universities/Colleges Act and Freedom of Information and Protection of Privacy Act Section 32(c). It will be used for Practicum placement and for contact purposes. Your personal information is protected by Alberta's Freedom of Information and Protection of Privacy Act and can be reviewed on request. If you have any questions about the collection or use of this information, contact the graduate office, Faculty of Nursing, at 220-6241.

## Student Academic Conduct

Students are expected to comply with the academic regulations specified in the University of Calgary Calendar. Intellectual honesty is expected at all times. A single offence of cheating, plagiarism, or other academic misconduct, on term work, text, or final examinations, etc., may lead to disciplinary probation or a student's suspension or expulsion from the Faculty by the Dean, if it is determined that the offence warrants such action (Academic Regulations, University of Calgary Calendar, 2011- 2012). Confidentiality of patient/client information must be ensured. Discussion of clinical practice should be restricted to the students, their professors and their clinical preceptors.

If you have any doubts or questions with respect to what plagiarism actually is please consult with Dr. Then.

Here are useful websites relating to plagiarism:

Extensive definition of plagiarism is found in the graduate student calendar: <http://grad.ucalgary.ca/calendar> see 0.1 Plagiarism/cheating/other academic misconduct.

<http://ec.hku.hk/plagiarism/introduction.htm>

<http://www.indiana.edu/~wts/pamphlets/plagiarism.shtml#plagiarized>

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**Important dates:** Mon Jan 19 First day of classes UC; Tue Jan 10 First class N661; Feb 19-26 Reading Week; Apr 6 Good Friday; Tue Apr 10 Last class N661; Fri Apr 13 Last day of classes UC and last day to withdraw

## FACULTY OF NURSING GRADUATE PROGRAM Revised Grading Scale

**Legend:** *Italics - Criteria extracted from Faculty of Education grading scale.*

If the percentage on your assignment is:	If the grade on your assignment is:	The percentage will be taken from:	If the total for all assignments is:	Your final grade will be:	
98.0 – 100	A+	4.0	3.95 - 4.00	A+	Outstanding <i>Elegant exposition of publication quality work that would make a significant, scholarly contribution to the area of investigation.</i>
93.0 – 97.9	A	4.0	3.85 – 3.94	A	Excellent - Superior performance showing comprehensive understanding of the subject matter. <i>Exceptional performance that goes beyond the specified requirements of the assignment, and demonstrates a comprehensive understanding of the subject matter that includes the ability to critically assess and creatively apply knowledge to new situations.</i>
88.0 – 92.9	A-	3.7	3.50 – 3.84	A-	Very good performance <i>Clarity of thought and expression that reveals the rich meaning of and complex relationship between assumptions, ideas and actions, and includes a critical examination of the topic. Relevant reference material has been correctly documented and effectively integrated into a well developed line of thought.</i>
83.5 – 87.9	B+	3.3	3.15 – 3.49	B+	Good performance <i>Subject matter is generally understood at the literal level. Wide reading, critical questioning and creative insights may be absent. Prose style reveals a clear, logical, concise and coherent expression of ideas. Work displays conventional grammar, punctuation and spelling, with a minimum of errors.</i>
78.0 – 83.4	B	3.0	2.85 – 3.14	B	Satisfactory performance Note: The grade point value (3.0) associated with this grade is the minimum acceptable average that a graduate student must maintain throughout the program as computed at the end of each registration anniversary year of the program. <i>Subject matter is generally understood, but the work displays minimum scholarship. Some gaps in knowledge and inconsistencies in thinking may be evident. Lapses in clarity of expression and the development of a clear line of thought might be evident. Work may display consistent errors in conventional form and require heavy editing on the part of the instructor.</i>
73.5 – 77.9	B-	2.7	2.50 – 2.84	B-	Minimum pass for students in the Faculty of Graduate Studies <i>Work submitted at this level lacks understanding, absence of clarity of expression or insufficient command of conventional form such that content cannot be effectively conveyed.</i>
69.0 – 73.4	C+	2.3	2.15 – 2.49	C+	All grades below B- are indicative of failure at the graduate level and cannot be counted toward Faculty of Graduate Studies course requirements. A student who receives a grade of F will normally be required to withdraw unless the program recommends otherwise.
63.5 – 68.9	C	2.0	1.85 – 2.14	C	
59.0 – 63.4	C-	1.7	1.50 – 1.84	C-	

54.5 – 58.9	D+	1.3	1.15 – 1.49	D+
50.5 – 54.5	D	1.0	0.50 – 1.14	D
49.9 or less	F	0	0.00 – 0.49	F

Adopted Full Council: 11-09-29