

COURSE OUTLINE
HH/KINE 4518.03
THE MOLECULAR LINK BETWEEN OBESITY AND CANCER
Fall 2016

Course Director: Michael Connor Ph.D.
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Lecture times: Tuesday/Thursday 1:00 PM-2:30 PM
Ross South Rm 174

Important Dates: Thursday October 13: Mid-term 1
Tuesday November 15: Mid-term Exam 2
Friday November 11: LAST DAY TO DROP COURSE (NO GRADE)
October 27-28: Co-curricular days, No Classes
Thursday December 5: Last class
Monday December 5: Classes end; Paper due;
LAST DAY TO DROP COURSE (GRADE OF W)

COURSE DESIGN/GOALS:

This is a **molecular biology course** and although some basics will be covered, students will be responsible for “catching up” on background information that is expected to be in place. This course is designed to explore the molecular mechanisms behind Cancer and explore the link between obesity and certain types of cancer. We will discuss some of the therapies used to treat Cancer and how knowing the links between obesity and cancer can lead to new and hopefully successful therapies. Much of the material will represent current work either recently published or currently being undertaken.

One of the goals of this course is to convey the background information on the underlying mechanisms responsible for disease development and progression. In addition, it is expected that students develop the ability to critically evaluate the existing literature in order to be able to analyze published data and begin to formulate their own UNIQUE opinions/ideas. Furthermore, upon completion of the course it is hoped that students will be able to better understand how diseases progress and visualize how novel treatments may be developed/implemented in an attempt to eliminate the burden of cancer on society at a social and economical level.

Breakdown of Grades

Mid-term exam 1:	20% (Thursday October 13)
Mid-term exam 2:	20% (Tuesday November 15)
Paper:	25 % Total
	- Topic Rationale – 2.5% (Mon Oct 3 11:59 PM)
	- Annotated bibliography- 2.5% (Mon Nov 7 11:59 PM)
	- Paper: 20% (Monday December 5 11:59 PM)
Opinion Paper 1:	5% (Friday December 9, 11:59 PM)
Opinion Paper 2:	5% (Friday December 9, 11:59 PM)
Final exam:	25%

Exam relevant material will consist of all the material covered in lectures and power point slides. It is strongly advised that you attend all lectures. Exams will consist of short answer and essay-type questions. If you miss a midterm exam for a documented medical or other reason, the weighting of the missed exam will be split between the other 2 exams. There will be no make-up for mid-term exams. If you miss the final exam, with appropriate documentation, you will be required to write a make-up exam sometime early in the Winter term. Proper documentation must be delivered to the course director **NO LATER THAN 1 WEEK FOLLOWING ANY EXAM. IF YOU FAIL TO DO SO A GRADE OF ZERO WILL BE ASSIGNED.** If you miss both mid-terms you will be required to write a cumulative make-up exam following the exam period. Do not approach the course director to have your grade increased. **THE ANSWER IS NO!!** Any grade adjustments will be applied to **EVERYONE**, no special circumstances will be granted. No “extra assignments” will be available for anyone to write. You have 3 exams and 3 other graded assignments to “prove what kind of student you are”. Take advantage of that fact right from the start of the course.

Academic Honesty

Breaches of academic honesty will not be tolerated and punished to the fullest extent of the University regulations. You can view the University policy on academic honesty at <http://www.yorku.ca/academicintegrity/students/index.htm>

Familiarize yourself with proper citation procedures to avoid any issues of plagiarism arising on your paper. You will be required to submit it to Turnitin.com. If you have any questions, ASK just to be sure.