

INTERDISCIPLINARY TOXICOLOGY

JNP1014Y

Course Information for 2011-2012

Course Description

This is a survey course that provides an overview of contemporary topics in biomedical and environmental toxicology. Lectures explore principles of toxicology, the mechanisms of toxicity of a variety of toxic agents and their associated toxicities, methodologies used to examine chemical toxicities, risk assessment and the applications of toxicology.

Course Prerequisites

Students are expected to understand the basic aspects of biology, biochemistry, physiology, and toxicology. Students who lack background knowledge in these areas are expected to do additional reading. For students who studied at the University of Toronto, the recommended preparatory courses are BCH210H, PSL302Y, PCL201H, PCL302H, and PCL362H.

Required Readings

There is no required textbook for this course; however, some lecturers will suggest relevant readings for their section. The recommended reference text is Casarett and Doull's Toxicology: The Basic Science of Poisons (7th edition, 2008), which is available online through Gerstein Library.

Lecture Notes

Lecture notes can be accessed on the class website (<https://portal.utoronto.ca>). Lecture notes and assigned readings are posted as soon as they are received from lecturers. Students are responsible for obtaining all information related to missed lectures since examination material is not restricted to the lecture notes.

Plagiarism

Plagiarism is a serious offense that is not tolerated in this course. Please make sure that you read and understand the document entitled "How Not to Plagiarize" before preparing your assignments. This handout and other materials related to writing papers are available online at <http://www.utoronto.ca/writing>.

Marking Scheme

Examinations:

- 16% First mid-term examination— **November 13, 2012 (Exam Centre, room 300)**
 16% Second mid-term examination— **February 12, 2012 (Exam Centre, room 300)**
 23% Final examination—to be announced

Examinations will largely consist of short-answer and essay-style questions. Mid-term examinations will cover the lectures indicated in the course schedule as well as any associated readings and homework. (The content of assignments one, two, and three will not be tested.) The final examination will focus on material covered in the last eight lectures; however, students are responsible for all of the general principles and examples covered in the course.

Assignments:

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| 5% | Oral Presentation: | October 16 and 23, 2012, 1 p.m. |
| 10% | First assignment due: | January 8, 2013, 4 p.m. |
| 10% | Second assignment due: | February 26, 2013, 4 p.m. |
| 20% | Third assignment due: | April 2nd, 4p.m. |

**A late penalty of 5 marks per day (including Saturday and Sunday) will be applied to assignments that are submitted after the due date.

Policy on Missed Examinations

Please refer to the School of Graduate Studies Calendar for the full policy on missed examinations. When possible, please advise Dr. Salahpour if you will not be able to attend an examination. In addition, appropriate documentation should be submitted as soon as possible following the missed examination.

Course Coordinator Office Hours and Contact Information

Lecturers and the Course Coordinator are generally available to answer questions after class. Appointments to meet with the Course Coordinator or Teaching Assistant may be scheduled by sending an e-mail message with some potential meeting times. If you are having difficulty in the course, please consult with Dr. Salahpour as soon as possible.

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