

## " Environmental Pollution "

(SY110)

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**Textbook:** Hill, Marquita K. (2010). Understanding Environmental Pollution (3rd Ed.). New York: Cambridge University Press.

Specific readings will also be given out for some lectures.

<b>Grading:</b>	Final Examination	45 %
	Mid-Term Test	35 %
	One (1) Written Assignment	20 %

### **The intent of the course:**

This course provides students an introduction to issues related to environmental pollution, with emphasis on causes, pathways, risks, mitigation and prevention. By the end of this course, students will have a good understanding of the dynamic nature of human-environment relationships, and the multidimensional characteristics of environmental pollution, through the use of Canadian and international examples. Special emphasis will be placed on issues related to eutrophication phenomena, exotic species invasions, water quality/fisheries management, energy, mining and waste management.

### **COURSE LEARNING OBJECTIVES:**

- Identify a range of human uses of fresh water and their impacts on freshwater environments
- Describe the impacts of human activities on the atmosphere

- Outline Canadian and international responses to protect the atmosphere
- Understand the various categories of waste
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8. **Reading Week – University closed.....**

## **FINAL EXAMINATION**

The 2-hour final examination will be held during the final examination period, exact time, date and rooms TBA. The exam is worth 45% of the final grade. It will be a combination of multiple choice, true-false and short answer questions. The final exam will be based on selected term material (including readings, lectures and DVDs).

**MISSED TERM WORK:** If a legitimate reason prevents you from submitting a piece of term work by its posted deadline, you must submit appropriate documentation within five business days of your absence. If the reason is medical, an official UTSC medical note must complete by a doctor who examined you while you were ill/injured (i.e. not after the fact). The medical note can be downloaded at

[http://www.utsc.utoronto.ca/~registrar/resources/pdf\\_general/UTSCmedicalcertificate.pdf](http://www.utsc.utoronto.ca/~registrar/resources/pdf_general/UTSCmedicalcertificate.pdf).

Note that conditions ranked as mild or negligible will not be considered a valid excuse.

**PLAGIARISM:** Assignment is checked for plagiarism. Please consult the University Calendar for a discussion and outline of the policy on plagiarism and academic integrity (also see proceeding section below). The sanctions can be severe. If, after reviewing the University policy, you are uncertain about what constitutes plagiarism, talk to your course instructor.

**ACADEMIC INTEGRITY:** Academic integrity is essential to the pursuit of learning and scholarship in a

**Check Blackboard regularly.** All announcements, lecture notes, and midterm marks and other information will be posted on the Blackboard.

**Other useful books for this course:**

Understanding Global Warming Dire Predictions 'Mann, E.M. & L.R. Kump (2008), Pearson Education Canada

Environmental degradation and the tyranny of small decisions 'Odum, W.E., 1982, BioScience 32, 728-729.

"The human impact on the natural environment": Andrew Goudie, Blackwells, 388 pp.

"Planet under stress": Constance Mungall and Digby McLaren (eds.) For the Royal Society of Canada, Oxford University Press, 344 pp.

"Environmental Science": William Cunningham and Barbara Saigo, Wm. C. Brown Publishers, 622 pp.

"Geosystems": Robert Christopherson, Macmillan, 616 pp.

"Global Environmental issues": Kevin Pickering and Lewis Owen, Routledge, 389 pp.

"Environment": Peter Raven, Linda Berg and George Johnson, Saunders College Publishing, 567 pp.

"Environmental Science", Sixth Edition, Enger, E.D., and B.F. Smith, McGraw-Hill