

" Environmental Pollution" (EES A11)

Instructor: Dr. Jovan R. Stefanovic

Office: EV 402

Lecture: Thursday 5 - 7pm (SY110)

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Office hour: Mondays 12-1pm (from Jan.22)

Teaching Assistants for the assignment: Bryan Flood, Andrew Apostoli

Teaching Assistant for quizzes: Yuchao Wan

TAs office, emails and office hours: TBA on Blackboard

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.

Grading:	Final Examination	40 %
	Mid-Term Test	30 %
	One (1) Written Assignment	22 %
	Quizzes (4x2.0%)	8%

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
- Appreciate the approaches to management of different types of waste
- Discuss energy resources and their environmental impacts
- Outline Canadian and international responses to energy issues

Tentative

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 40% of the final grade. It will be a combination of multiple choice and true-false questions. The final exam will be based on selected term material (including readings, lectures and DVDs).

ASSIGNMENT AND QUIZZES

One written assignment will be introduced at the beginning of February. Detailed information about the assignment you will get from your TAs.

Quizzes (20-30 minutes duration) will consist of MC and True/False questions and will cover lecture material from previous week(s). **Tentative dates** for quizzes are given in the course schedule. More information about quizzes will be circulated during the semester.

MISSED TERM WORK: If a legitimate reason prevents you from submitting a piece of term work (written assignment) by its posted deadline, you must submit appropriate documentation within ten business days of your absence. If the reason is medical, an official UTSC medical note must be 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.

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

or concerns about what constitutes appropriate academic behavior or appropriate research and citation methods, you are expected to seek out additional information on academic integrity from your instructor or from other institutional resources (see <http://www.utoronto.ca/academicintegrity/>). If you have further questions regarding what constitutes plagiarism or other academic offenses, feel free to speak with Prof. Stefanovic.

Note:

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.