CHEMISTRY 302 COURSE INFORMATION - JANUARY TERM 2009

ENVIRONMENTAL CHEMISTRY I

INTRODUCTION

Welcome to Chemistry 302. This is a course in Environmental Chemistry at the third year level. It assumes the required background of first year chemistry. It is intended for students interested in chemistry in the context of the environment.

This course is revised each time it is offered. Your constructive criticisms and suggestions are welcomed.

TEXTBOOKS

There is one textbook required for this course:

Environmental Chemistry, Second Edition by Nigel Bunce.

There are a number of textbooks on various aspects of environmental chemistry available through the library. Material not in the textbook may be assigned. You will find it useful to have access to texts for first year chemistry and for physical chemistry. Recommended supplementary reading includes:
Environmental Chemistry by Colin Baird
Atmospheric Chemistry by Barbara J. Finlayson-Pitts and James N. Pitts Jr.
Chemistry of the Upper and Lower Atmosphere by Barbara J. Finlayson-Pitts and James N. Pitts Jr.
Environmental Chemistry, Fifth Edition, by Stanley Manahan
Fundamentals of Environmental Chemistry, by Stanley Manahan
Environmental Organic Chemistry by Renè P. Schwarzenbach, Philip M. Gschwend, and Dieter M. Imboden
Atmospheric Chemistry and Global Change by Guy P. Brasseur, John J. Orlando, and Geoffrey S. Tyndall

LECTURES AND TUTORIALS

There is one lecture section for this course held Monday, Wednesday, and Friday from 9:30-10:20 in room 5-172. The tutorial is on Wednesday 10:30-11:20 in 5-172.

The lecturer is:

Professor Margot E. Mandy
Office: 8-412 (New lab building)
Telephone: 960-6676
E-mail: mandy@unbc.ca

I am available for consultation by mutual convenience or during office hours. My schedule is posted on my door.

If there are students in this course who, because of a disability, may have a need for special academic accommodations, please come and discuss this with me, or contact Disability Services located in room 10-1048.

LABORATORY

The laboratory will be taught by Dominic Reiffarth (Office 8-435).

You must pass the laboratory in order to pass the course.

EMAIL LISTS

There is an email list for this course consisting of the addresses provided by students. It is assumed that students read email at least once every 24 hours and have ensured that the email address provided can receive mail sent to lists.

This course list is in addition the lists that the chemistry program maintains for announcements and notices. To subscribe to those lists, go to lists.unbc.ca, click on #4 to request public lists on the server and scroll down to the relevant list. For Chemistry majors, there is "chemistrylist" and Biochemistry Molecular Biology Majors there is "biochemistry". After you have selected the relevant list, follow the directions to enroll.

TERM TESTS AND PROBLEM SETS

There will be several problem sets and two term tests in this course.

FINAL EXAMINATION

There will be a final examination during the exam period, April 14 - 25, 2009. Any student who has due cause to write the examination on a date other than the scheduled date must notify the professor within one week of the examination schedule becoming available.

CALCULATORS AND ELECTRONIC DEVICES IN TESTS AND EXAMINATIONS

The university's regulations and policies restrict devices permitted during an examination to those for which the instructor has given written permission. A student may use an electronic calculator during tests and examination in this course, providing it is incapable of communicating with other electronic devices. No multipurpose electronic devices are permitted. No other electronic devices are permitted.

MARKS

The mark in this course will be assigned as follows:

Problem Sets	25%
Two Term Tests	10% each
Laboratory	25%
Final Exam	30%
Total	100%

Penalties for Academic Offenses will be in accordance with UNBC Regulations and Policies. See pages 64-65 of the 2008-2009 Calendar.