CHEMISTRY 305 COURSE INFORMATION - JANUARY TERM 2009
PHYSICAL CHEMISTRY III

INTRODUCTION

Welcome to Chemistry 305. This is a course at the third year level on physical chemistry. The prerequisite is second year physical chemistry. The course is intended primarily for Chemistry Majors, but may also be of interest to students in physical and environmental sciences. This course includes spectroscopy, thermodynamics of phase changes, concepts of chemical equilibrium (electrochemical, acid-base, biochemical). As time permits, lectures will also cover various aspects of the chemistry of surfaces and adsorption phenomena. In this course, you will be consolidating some concepts previously encountered.

TEXTBOOKS

There is one textbook required for this course:

Physical Chemistry (Second Edition) by R. Stephen Berry, Stuart A. Rice and John Ross

There are a number of textbooks on physical chemistry available through the library. Material not in the textbook may be assigned.

LECTURES AND TUTORIALS

There is one lecture section for this course held Monday, Wednesday, and Friday from 11:30-12:20 pm in room 5-158. There is tutorial on Mondays 13:30-14:20 in 5-159. Attendance at tutorial is mandatory. This will be reviewed after the first term test.

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.

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 the 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	30%
Two Term Tests	15% each
Final Exam	40%
Total	100%

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