

CHEMISTRY 305 COURSE INFORMATION - FALL TERM 2004

PHYSICAL CHEMISTRY III

INTRODUCTION

Welcome to Chemistry 305. This is a half-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 consolidating concepts previously encountered.

TEXTBOOKS

There is one textbook required for this course:

Physical Chemistry, First Edition by John S. Winn.

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

LECTURES

There is one lecture section for this course held MWF 12:30 - 13:20 in 5-159.

There is one tutorial section held M 14:30-15:20 am in 5-159.

The lecturer is:

Professor Margot E. Mandy

Office: 8-412

Telephone: 960-6676

E-mail: mandy@unbc.ca

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

TERM TESTS AND PROBLEM SETS

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

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 exams in this course, providing it is incapable of communicating with other electronic devices and has no memory that persists when the calculator is switched off and back on. 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 111-112 of the 2004-2005 Calendar.