



A POLYTECHNIC INSTITUTION

School of Manufacturing, Electronics and Industrial Processes  
Program: Chemical Sciences  
Option: Environmental

CHSC 4420  
Unit Project 2

<b>Start Date:</b> January, 2006	<b>End Date:</b> May, 2006
<b>Total Hours:</b> 60 <b>Total Weeks:</b> 20	<b>Term/Level:</b> 4 <b>Course Credits:</b> 4
<b>Hours/Week:</b> 3 <b>Lecture:</b> 1 <b>Lab:</b> 2	<b>Shop:</b> <b>Seminar:</b> <b>Other:</b>

<b>Prerequisites</b>		<b>CHSC 4420 is a Prerequisite for:</b>	
<b>Course No.</b>	<b>Course Name</b>	<b>Course No.</b>	<b>Course Name</b>
CHSC 3320	Unit Project	None	

■ **Course Description**

The students will conduct a field/laboratory on process project normally based on information obtained in CHSC 3320.

■ **Detailed Course Description**

To conduct a field/laboratory on process research project using a variety of techniques.

■ **Evaluation**

Progress Reports	20%	Comments:
Laboratory/Field Work	40%	
Final Report and Orals	40%	
<b>TOTAL</b>	<u>100%</u>	

■ **Course Learning Outcomes/Competencies**

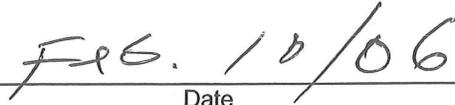
Upon successful completion, the student will be able to:

1. select a number of projects from a list of submissions that will meet certain criteria as to originality, complexity, and usefulness to the industry.
2. carry out library research relating to the chosen topic.
3. prepare a project proposal including theoretical and practical aspects of the study.
4. outline testing methods and experimental design.
5. carry out experiment.
6. give an oral presentation of the project.
7. prepare project reports.

■ **Verification**

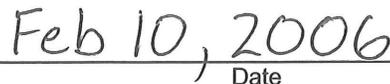
I verify that the content of this course outline is current.

  
\_\_\_\_\_  
Authoring Instructor

  
\_\_\_\_\_  
Date

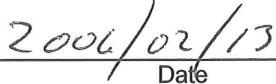
I verify that this course outline has been reviewed.

  
\_\_\_\_\_  
Program Head/Chief Instructor

  
\_\_\_\_\_  
Date

I verify that this course outline complies with BCIT policy.

  
\_\_\_\_\_  
Dean/Associate Dean

  
\_\_\_\_\_  
Date

Note: Should changes be required to the content of this course outline, students will be given reasonable notice.

■ **Instructor(s)**

Joffre Berry	Office Location: SW1-2535 Office Hrs.: Posted/ Almost anytime	Office Phone: 604-432-8258 E-mail Address: joffre_berry@bcit.ca
Olga Petrov	Office Location: SW1-1496 Office Hrs.: Posted/ Almost anytime	Office Phone: 604-456-8017 E-mail Address: olga_petrov@bcit.ca

■ **Learning Resources**

**Required:**

Library Research Relating to Project

■ **Information for Students**

*(Information below can be adapted and supplemented as necessary.)*

The following statements are in accordance with the BCIT Student Regulations Policy 5002. To review the full policy, please refer to: <http://www.bcit.ca/~presoff/5002.pdf>.

**Attendance/Illness:**

In case of illness or other unavoidable cause of absence, the student must communicate as soon as possible with his/her instructor or Program Head or Chief Instructor, indicating the reason for the absence. Prolonged illness of three or more consecutive days must have a BCIT medical certificate sent to the department. Excessive absence may result in failure or immediate withdrawal from the course or program.

**Academic Misconduct:**

Violations of academic integrity, including dishonesty in assignments, examinations, or other academic performances are prohibited and will be handled in accordance with the 'Violations of Standards of Conduct' section of Policy 5002.

**Attempts:**

Students must successfully complete a course within a maximum of three attempts at the course. Students with two attempts in a single course will be allowed to repeat the course only upon special written permission from the Associate Dean. Students who have not successfully completed a course within three attempts will not be eligible to graduate from their respective program.