



APOLYTECHNIC INSTITUTION

School of Manufacturing, Electronics &amp; Industrial Processes

Program: Technology Teacher Education

Qualification: Diploma

TTED 3009

Basic Safety Foundations

Start Date: Sept. 11/06

End Date: Oct. 6/06

Total Hours: 16 Total Weeks: 4

Term/Level: 1 Course Credits: 1

Hours/Week: 4 Lecture: 4 Lab:

Shop: Seminar: Other:

**Prerequisites**

Course No. Course Name

None

**TTED 3009 is a Prerequisite for:**

Course No. Course Name

TTED 3000	Sketch & Drawing Foundations
TTED 3005	Design Foundations
TTED 3031	Power Tool Basics Wood/Plastics
TTED 3021	Power Tool Basics Metal/Mech
TTED 3004	Joining Processes Foundations
TTED 3003	Structure Foundations
TTED 3050	Power Technology Foundations
TTED 3060	Electronics Foundations

**Course Description**

This course will be an introduction to general shop safety for pre-service Technology Education Teachers. Topics covered will include an introduction to WHMIS, the safe handling, storage and disposal of materials, identification of hazards, accident prevention and the use of emergency fire equipment.

**Detailed Course Description**

The goal of the course is to provide the student with knowledge of basic safety policies and procedures, appropriate to both their personal safety and the safety of the High School students they will be responsible for as Technology Education Teachers.

**Evaluation**

Midterm	50%
Final Exam	50%
TOTAL	100%

Comments: All assignments and work must be done individually, unless otherwise noted.

All assignments and work must be submitted on time unless previous arrangements have been made with the instructor.

Students must attain a minimum of 50% to earn a pass in this course.

### Course Learning Outcomes/Competencies

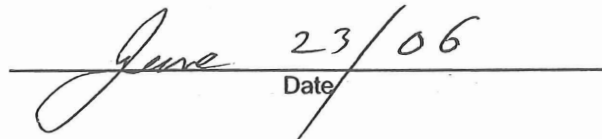
Upon successful completion, the student will be able to:

1. state BCIT policies regarding safety, treatment and reporting of injuries, and general shop safety.
2. adopt appropriate safety attitudes and policies.
3. recognize both safe and unsafe work situations.
4. select the appropriate classification of fire extinguisher.
5. explain and demonstrate how to put out a small fire with a portable fire extinguisher.
6. demonstrate knowledge of all aspects of WHMIS.
7. describe procedures for the safe handling, storage and disposal of materials.
8. describe safe operating procedures and processes for various types of shops.

### Verification

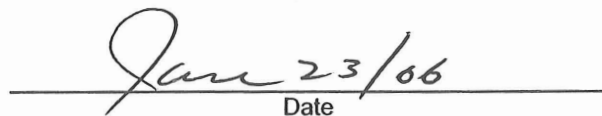
I verify that the content of this course outline is current.

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

  
\_\_\_\_\_  
Date 23/06

I verify that this course outline has been reviewed.

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

  
\_\_\_\_\_  
Date 23/06

I verify that this course outline complies with BCIT policy.

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

  
\_\_\_\_\_  
Date 2006/06/26

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

### Instructor(s)

Phil Esworthy

Office Location: SW9-205E

Office Phone: 604-432-8332

Office Hrs.: By Appointment

E-mail Address: Phil\_Esworthy@bcit.ca

### Learning Resources

Required:

None

## Information for Students

**Assignments:** All assignments and work must be submitted on time unless previous arrangements have been made with the instructor. Assignments, lab reports or projects must be done on an individual basis unless otherwise specified by the instructor.

**Makeup Tests, Exams or Quizzes:** There will be no makeup tests, exams or quizzes. If you miss a test, exam or quiz, you will receive zero marks. Exceptions may be made for **documented** medical reasons or extenuating circumstances. In such a case, it is the responsibility of the student to inform the instructor **immediately**.

**Ethics:** BCIT assumes that all students attending the Institute will follow a high standard of ethics. Incidents of cheating or plagiarism may, therefore, result in a grade of zero for the assignment, quiz, test, exam, or project for all parties involved and/or expulsion from the course.

**Attendance:** The attendance policy as outlined in the current BCIT Calendar will be enforced. Attendance will be taken at the beginning of each session. Students not present at that time will be recorded as absent.

**Illness:** A doctor's note is required for any illness causing you to miss assignments, quizzes, tests, projects, or exam. At the discretion of the instructor, you may complete the work missed or have the work prorated.

**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 the appropriate program.

**Course Outline Changes:** The material or schedule specified in this course outline may be changed by the instructor. If changes are required, they will be announced in class.

**Advancement:** Students who fail three or more courses in a term cannot advance to the next term and may be asked to discontinue from the program.

## TTED Program Policy Information

All assigned work must be submitted on or before the specified date. Due dates will be provided by instructors in writing and late work will not be accepted without prior permission from the instructor. Exceptions to this policy will be made for students having documented medical reasons (e.g., medical).

Assignments which fail to meet the standards of the program will be returned marked **UNSATISFACTORY**, with instructor comments and will be recorded as a zero. Standards relate to:

1. The format used (see below).
2. The quality of the English language used.
3. The overall quality of the submission's content.

Unless otherwise indicated, all assignments are to be submitted in a standard format:

1. Begin with a title page showing the following information:
  - Course Name & Number:
  - Assignment Identification:
  - Submitted by:
  - Submitted to:
  - Date:
2. Use standard 8 1/2" x 11" white unlined paper, unless another size is specified for the assignment.
3. Text word-processed and printed in an easily read font.
4. Diagrams hand-drawn or computer-generated to the standard taught in the program (specific instructions may be associated with certain assignments).
5. Your name and date in a footer on every page.

Plagiarism will result in an automatic zero for an assignment for all students involved in the deed. To avoid a charge of plagiarism in research work, always include references which properly credit the original author or designer. This referencing is particularly important when working with partners or teams. Some assignments will be assigned as individual work and even though you may consult with others, the final submission must be your own work and not copied or adapted from the work of others.

### Schedule

Week	Topics/Material Covered	Reference/ Reading
1	BCIT shop safety policies & procedures Types of fires, selection & use of fire extinguishers	Handouts
2	Fire extinguisher use Liability of a high school teacher WHMIS	Handouts
3	<b>Midterm - Sept. 26/06</b> WHMIS Ministry of Education Tech Ed Safety Book	Handouts
4	Ministry of Education Tech Ed Safety Book <b>Final Exam – Oct. 6/06</b>	Handouts