



# COURSE OUTLINE

## CCT0122

Prepared: Sam Spadafora    Approved: Sherri Smith

<b>Course Code: Title</b>	CCT0122: SCAFFOLDING, EARTHWORK BARRIERS CONTROLS								
<b>Program Number: Name</b>	1120: COMMUNITY INTEGRATN								
<b>Department:</b>	C.I.C.E.								
<b>Semester/Term:</b>	17F								
<b>Course Description:</b>	<p>This course focuses on elements of Construction site set up and control including, but not limited to, Scaffolding, Earthwork, Barriers and Control.</p> <p>A significant portion of the course will focus on the methods and procedures used in scaffold erection and dismantlement. You will learn how to interpret scaffolding requirements from print, layout and sketches. The use of scaffold inspection procedures will also be covered as well as the methods and processes in base preparation, placement of scaffold mudsill and components. You will also learn to install two scaffolding system types including standard frame and stick built.</p> <p>The course will also focus on Earthwork, Barriers and Controls. You will learn to interpret prints and plans related to back fill and compaction procedures. You will also learn about methods and procedures used for traffic control in backfill and compaction operations as well as protection board, insulation materials and material placement</p>								
<b>Total Credits:</b>	4								
<b>Hours/Week:</b>	4								
<b>Total Hours:</b>	60								
<b>Course Evaluation:</b>	Passing Grade: 50%, D								
<b>Evaluation Process and Grading System:</b>	<table border="1"> <thead> <tr> <th>Evaluation Type</th> <th>Evaluation Weight</th> </tr> </thead> <tbody> <tr> <td>Assignments and Tests</td> <td>35%</td> </tr> <tr> <td>Attendance</td> <td>15%</td> </tr> <tr> <td>Lab/Activities</td> <td>50%</td> </tr> </tbody> </table>	Evaluation Type	Evaluation Weight	Assignments and Tests	35%	Attendance	15%	Lab/Activities	50%
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<b>Books and Required Resources:</b>	Ontario Health & Safety Act & Regulations by Greenspan ISBN: 9780779878444								
<b>Course Outcomes and</b>	Upon successful completion of this course, the CICE student, with the assistance of a Learning								



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### **Learning Objectives:**

Specialist will acquire varying levels of skill development relevant to the following learning outcomes:

#### **Course Outcome 1.**

Describe and demonstrate methods and procedures for the use of hand, power and stationary tools and equipment according to industry standards and practices

#### **Learning Objectives 1.**

#### **Course Outcome 2.**

Adhere to applicable health and safety related legislation and practices.

#### **Learning Objectives 2.**

#### **Course Outcome 3.**

Describe and demonstrate methods and procedures required for scaffold erection and dismantlement according to industry standards and practices

#### **Learning Objectives 3.**

#### **Course Outcome 4.**

Describe earthwork, barriers and environmental control practices and procedures according to industry standards and practice.

#### **Learning Objectives 4.**



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### Course Outcome 5.

Apply sound environmental practices and policies in civil engineering and construction projects.

### Learning Objectives 5.

#### CICE Modifications:

#### Preparation and Participation

1. A Learning Specialist will attend class with the student(s) to assist with inclusion in the class and to take notes.
2. Students will receive support in and outside of the classroom (i.e. tutoring, assistance with homework and assignments, preparation for exams, tests and quizzes.)
3. Study notes will be geared to test content and style which will match with modified learning outcomes.
4. Although the Learning Specialist may not attend all classes with the student(s), support will always be available. When the Learning Specialist does attend classes he/she will remain as inconspicuous as possible.

**A.** Further modifications may be required as needed as the semester progresses based on individual student(s) abilities and must be discussed with and agreed upon by the instructor.

#### **B. Tests may be modified in the following ways:**

1. Tests, which require essay answers, may be modified to short answers.
2. Short answer questions may be changed to multiple choice or the question may be simplified so the answer will reflect a basic understanding.
3. Tests, which use fill in the blank format, may be modified to include a few choices for each question, or a list of choices for all questions. This will allow the student to match or use visual clues.
4. Tests in the T/F or multiple choice format may be modified by rewording or clarifying statements into layman's or simplified terms. Multiple choice questions may have a reduced number of choices.

**C. Tests will be written in CICE office with assistance from a Learning Specialist.**

***The Learning Specialist may:***



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1. Read the test question to the student.
2. Paraphrase the test question without revealing any key words or definitions.
3. Transcribe the student's verbal answer.
4. Test length may be reduced and time allowed to complete test may be increased.

### **D. Assignments may be modified in the following ways:**

1. Assignments may be modified by reducing the amount of information required while maintaining general concepts.
2. Some assignments may be eliminated depending on the number of assignments required in the particular course.

### ***The Learning Specialist may:***

1. Use a question/answer format instead of essay/research format
2. Propose a reduction in the number of references required for an assignment
3. Assist with groups to ensure that student comprehends his/her role within the group
4. Require an extension on due dates due to the fact that some students may require additional time to process information
5. Formally summarize articles and assigned readings to isolate main points for the student
6. Use questioning techniques and paraphrasing to assist in student comprehension of an assignment

### **E. Evaluation:**

Is reflective of modified learning outcomes.

**NOTE:** Due to the possibility of documented medical issues, CICE students may require alternate methods of evaluation to be able to acquire and demonstrate the modified learning outcomes

**Date:**

Wednesday, September 6, 2017

Please refer to the course outline addendum on the Learning Management System for further information.