



## COURSE OUTLINE: CCT0122 - SCAFF/EARTH BARRIERS

Prepared: Sam Spadafora

Approved: Martha Irwin, Chair, Community Services and Interdisciplinary Studies

<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>Semesters/Terms:</b>	22W
<b>Course Description:</b>	<p>This course focuses on elements of construction site set up and control including scaffolding, earthwork, barriers and controls.</p> <p>A significant portion of the course will focus on the methods used in scaffold erection and dismantlement. Students in the CICE Program, with the assistance of a Learning Specialist, will learn how to interpret scaffolding requirements from print, layout and sketches. The use of scaffold inspection procedures will 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 focus on earthwork, barriers and controls. You will learn to interpret prints and plans related to backfill 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>Prerequisites:</b>	There are no pre-requisites for this course.
<b>Corequisites:</b>	There are no co-requisites for this course.
<b>Essential Employability Skills (EES) addressed in this course:</b>	<p>EES 5 Use a variety of thinking skills to anticipate and solve problems.</p> <p>EES 6 Locate, select, organize, and document information using appropriate technology and information systems.</p> <p>EES 7 Analyze, evaluate, and apply relevant information from a variety of sources.</p> <p>EES 9 Interact with others in groups or teams that contribute to effective working relationships and the achievement of goals.</p> <p>EES 10 Manage the use of time and other resources to complete projects.</p> <p>EES 11 Take responsibility for ones own actions, decisions, and consequences.</p>
<b>Course Evaluation:</b>	<p>Passing Grade: 50%, D</p> <p>A minimum program GPA of 2.0 or higher where program specific standards exist is required for graduation.</p>
<b>Other Course Evaluation &amp;</b>	Grade

In response to public health requirements pertaining to the COVID19 pandemic, course delivery and assessment traditionally delivered in-class, may occur remotely either in whole or in part in the 2021-2022 academic year.



SAULT COLLEGE | 443 NORTHERN AVENUE | SAULT STE. MARIE, ON P6B 4J3, CANADA | 705-759-2554

**Assessment Requirements:** Definition Grade Point Equivalent  
 A+ 90 - 100% 4.00  
 A 80 - 89%  
 B 70 - 79% 3.00  
 C 60 - 69% 2.00  
 D 50 - 59% 1.00  
 F (Fail) 49% and below 0.00

CR (Credit) Credit for diploma requirements has been awarded.  
 S Satisfactory achievement in field /clinical placement or non-graded subject area.  
 U Unsatisfactory achievement in field/clinical placement or non-graded subject area.  
 X A temporary grade limited to situations with extenuating circumstances giving a student additional time to complete the requirements for a course.  
 NR Grade not reported to Registrar's office.  
 W Student has withdrawn from the course without academic penalty.

**Books and Required Resources:** Ontario Health & Safety Act & Regulations by Carswell  
 ISBN: 9780779878444

**Course Outcomes and Learning Objectives:** Upon successful completion of this course, the CICE student, with the assistance of a Learning Specialist will acquire varying levels of skill development relevant to the following learning outcomes:

<b>Course Outcome 1</b>	<b>Learning Objectives for Course Outcome 1</b>
2. The graduate has reliably demonstrated the ability to identify and adhere to established workplace health and safety practices	2.1 identify employee rights and responsibilities associated with health and safety practices 2.2 conduct self in safe manner and in accordance with the requirements of work situation 2.3 identify potential hazards in the workplace setting 2.4 comply with all requirements of the current Ontario Health and Safety Act, 1990 2.5 select and wear Personal Protective Equipment (PPE)
<b>Course Outcome 2</b>	<b>Learning Objectives for Course Outcome 2</b>
2. The graduate has reliably demonstrated the ability to perform all construction tasks in compliance with applicable laws, regulations, codes and ethical practices in the construction field.	2.1 assist in the implementation of project specifications and drawings 2.2 read and interpret relevant codes and specification plans 2.3 standards, codes and bylaws that regulate the equipment and materials used in construction projects
<b>Course Outcome 3</b>	<b>Learning Objectives for Course Outcome 3</b>
3. The graduate has reliably demonstrated the ability to communicate technical information to a variety of clients, supervisors and tradespersons to participate in the successful completion	3.1 use industry specific terminology as it relates to building materials, projects and trades 3.2 read and interpret construction documents including drawings, specifications and schedules

In response to public health requirements pertaining to the COVID19 pandemic, course delivery and assessment traditionally delivered in-class, may occur remotely either in whole or in part in the 2021-2022 academic year.

of construction projects.	
<b>Course Outcome 4</b>	<b>Learning Objectives for Course Outcome 4</b>
4. The graduate has reliably demonstrated the ability to assist skilled tradespersons and perform labouring tasks at construction sites	4.1 load and unload construction materials and move materials to work area 4.2 identify methods and procedures used for traffic control at construction sites 4.3 remove rubble and debris at construction sites 4.4 assist tradespersons such as carpenters, bricklayers, concrete finishers, roofers etc.

**Evaluation Process and Grading System:**

Evaluation Type	Evaluation Weight
Assignments and Tests	35%
Attendance	15%
Lab/Activities	50%

**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:***

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.

In response to public health requirements pertaining to the COVID19 pandemic, course delivery and assessment traditionally delivered in-class, may occur remotely either in whole or in part in the 2021-2022 academic year.

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:**

December 14, 2021

**Addendum:**

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

In response to public health requirements pertaining to the COVID19 pandemic, course delivery and assessment traditionally delivered in-class, may occur remotely either in whole or in part in the 2021-2022 academic year.



SAULT COLLEGE | 443 NORTHERN AVENUE | SAULT STE. MARIE, ON P6B 4J3, CANADA | 705-759-2554