



COURSE OUTLINE

CCT100

Prepared: Sam Spadafora Approved: Corey Meunier

Course Code: Title	CCT100: CONSTRUCTION SAFETY/TOOLS
Program Number: Name	4097: CONS CARPENTRY TECH
Department:	CIVIL/CONSTRUCTION
Semester/Term:	18F
Course Description:	<p>This course focuses on safety practices and procedures in the construction industry. Students will learn about occupational and health safety standards, work site hazards, personal protective equipment and maintenance requirements, and work site communication skills. Hands on applications focus on safe operation of hand tools, power tools, powder actuated tools and cutting torch.</p> <p>Students can expect an introduction to and information for new construction workers to know their rights and to work safely. Students can also expect to learn the importance of accessing the Occupational Health & Safety Act & the Regulations, and be able to identify and assess health and safety hazards associated with formwork, working at heights, manual material handling, electrical hazards, equipment hazards, traffic control, trenching hazards, hoisting rigging and crane hazards, and confined space hazards.</p>
Total Credits:	4
Hours/Week:	4
Total Hours:	60
This course is a pre-requisite for:	CCT120, CCT121, CCT122
Vocational Learning Outcomes (VLO's):	<p>4097 - CONS CARPENTRY TECH</p> <p>#2. identify and adhere to established health and safety practices.</p> <p>#9. select, maintain and safely operate hand and power tools and equipment used in the building construction trades.</p> <p>#10. assist in the preparation of project estimates.</p>
<small>Please refer to program web page for a complete listing of program outcomes where applicable.</small>	
Course Evaluation:	Passing Grade: 50%, D
Other Course Evaluation & Assessment Requirements:	<p>Grade</p> <p>Definition Grade Point Equivalent</p> <p>A+ 90 - 100% 4.00</p> <p>A 80 - 89%</p>

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W Student has withdrawn from the course without academic penalty.

Attendance

Students are only allowed to miss three classes without a documented explanation. One mark will be deducted from your overall grade for each undocumented explanation. The maximum deduction in overall grade is not to exceed 15%. Valid documented explanation include:

- Medical reason
- Family emergency
- Child care issue
- Transportation problems
- And any other reasonable explanation

The documented explanation has to be sent to me by e-mail no later than three days from a missed class. A Doctor note, etc., is to be attached as a PDF file to your e-mail.

Evaluation Process and Grading System:

Evaluation Type	Evaluation Weight
Application exercise	50%
Attendance	15%
Tests	35%

Books and Required Resources:

Pocket Ontario Occupational Health & Safety Act & Regulations by Carswell
ISBN: 9780779878444

Construction Health & Safety Manual by Infrastructure Health And Safety
Publisher: Construction Safety Association of Ontario Edition: 2013
ISBN: 9780919465541

Course Outcomes and Learning Objectives:

Course Outcome 1.

Identify and adhere to established health and safety practices.

Learning Objectives 1.

- 1.1. Identify employee rights and responsibilities associated with health and safety practices
- 1.2. Conduct self in a safe manner and in accordance with the requirements of work situation
- 1.3. Identify potential hazards in the workplace setting
- 1.4. Participate in health and safety training
- 1.5. Comply with all requirements of the current Ontario Health and Safety Act
- 1.6. Select and wear Personal Protective Equipment (PPE)
- 1.7. Adhere to and maintain health and safety training certification such as Workplace Hazardous Materials Information System (WHMIS), working at Heights and Confined Space Safety training where appropriate

Course Outcome 2.

Select maintain and safely operate hand and power tools and equipment used in the building construction trades.

Learning Objectives 2.

- 2.1. Select, use and maintain hand tools, portable and stationary power tools
- 2.2. Use rakes, shovels and wheelbarrows
- 2.3. Select and use materials, fasteners and connectors commonly used in the construction industry.

Course Outcome 3.

Assist in the preparation of project estimates.

Learning Objectives 3.

- 3.1. Apply basic quantity surveying principles to assist in project takeoff and ordering
- 3.2. Assist in the calculation of quantities for course projects
- 3.3. Use industry standards relating to allowances for material and time allotments for labour calculations

Date:

Monday, January 8, 2018

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