

North Hennepin Community College

CMSV 1550: Construction Technology Field Experience

A. COURSE DESCRIPTION

Credits: 4

Lecture Hours/Week: 4

Lab Hours/Week: 0

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course is an introduction to the application of techniques necessary to construct buildings and structure. Course learning objectives will be covered in the context of a specific construction craft and will be completed during the construction of an actual industry project.

It is strongly recommended that the following course(s) be taken prior to or concurrent with this course:
CMSV1500 Construction Technology

B. COURSE EFFECTIVE DATES: 05/21/2018 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Employer directed application of fundamental construction craft skills in the context of a project under construction. Topics covered will include safety, material installation, proper use of tools and equipment, plan reading, and interpretation of applicable construction industry codes and standards.

D. LEARNING OUTCOMES (General)

1. Have a basic ability to identify materials used in the construction of buildings and structures (ELO1, 2).
2. Be able to demonstrate basic methods of installing materials in compliance with industry codes and standards (ELO1, 2).
3. Be able to interpret basic construction plans, specifications and contract documents (ELO1, 2).
4. Recognize fundamental safety and health practices in the construction industry (ELO1, 2)
5. Be able to demonstrate, at an introductory level, the proper use of commonly used construction tools and equipment (ELO1, 2).
6. Have a fundamental understanding of applicable construction industry codes and standards (ELO1, 2).
7. Have a working knowledge of organized labor history in the construction industry (ELO1, 2).

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

1. Knowledge of Human Cultures and the Physical and Natural World through study in the sciences, mathematics, social sciences, humanities, histories, languages, the arts, technology and professions.
2. Intellectual and Practical Skills including: Inquiry and analysis; Critical and creative thinking; Written and oral communication; Quantitative literacy; Information literacy; Teamwork and problem solving.