

North Hennepin Community College

CMSV 1600: Construction Technology II

A. COURSE DESCRIPTION

Credits: 5

Lecture Hours/Week: 5

Lab Hours/Week: 0

OJT Hours/Week: *.*

Prerequisites:

This course requires the following prerequisite

CMSV 1500 - Construction Technology I

Corequisites: None

MnTC Goals: None

This course is an intermediate review and application of techniques necessary to construct buildings and structure. Course learning objectives will be covered in the context of a specific construction craft.

It is strongly recommended that the following course(s) be taken prior to or concurrent with this course:
CMSV1550 Construction Technology Field Experience I

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

C. OUTLINE OF MAJOR CONTENT AREAS

1. An intermediate review of construction craft technology. Topics covered will include labor history, safety, construction materials and installation, proper use of tools and equipment, plan reading, and interpretation of applicable construction industry codes and standards.

D. LEARNING OUTCOMES (General)

1. Have an intermediate ability to identify materials used in the construction of buildings and structures (ELO1,2).
2. Be able to demonstrate methods of installing materials in compliance with industry codes and standards (ELO1,2).
3. Be able to interpret construction plans, specifications and contract documents (ELO1,2).
4. Recognize safety and health practices in the construction industry (ELO1,2).
5. Be able to demonstrate, at an intermediate level, the proper use of commonly used construction tools and equipment (ELO1,2).
6. Have an 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.