

North Hennepin Community College

CMSV 1700: Construction Technology III

A. COURSE DESCRIPTION

Credits: 5

Lecture Hours/Week: 0

Lab Hours/Week: 0

OJT Hours/Week: *.*

Prerequisites:

This course requires both of these prerequisites

CMSV 1500 - Construction Technology I

CMSV 1600 - Construction Technology II

Corequisites: None

MnTC Goals: None

This course is an advanced 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:
CMSV1650 Construction Technology Field Experience II

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

C. OUTLINE OF MAJOR CONTENT AREAS

1. An advanced 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 the ability to identify materials used in the construction of buildings and structures (ELO1,2).
2. Be able to demonstrate advanced methods of installing materials in compliance with industry codes and standards (ELO1,2).
3. Be able to interpret advanced 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 advanced level, the proper use of commonly used construction tools and equipment (ELO1,2).
6. Have an advanced 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.