

North Hennepin Community College

BIT 2500: Fire Suppression Systems

A. COURSE DESCRIPTION

Credits: 2

Lecture Hours/Week: *.*

Lab Hours/Week: *.*

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course will provide a review of the National Fire Prevention Guidelines along with a review of fire suppression blueprint. Field inspection and design of fire suppression systems also is covered.

B. COURSE EFFECTIVE DATES: 07/16/1997 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Overview of fire suppression systems and their purpose
2. Understand and apply the National Fire Prevention Guidelines
3. Types of fire suppression systems installed in residential and commercial construction.
4. Field inspection and basic design of fire suppression systems.
5. Fire suppression systems and how they interact with the provisions of the IBC

D. LEARNING OUTCOMES (General)

1. Identify how fire protection design standards interrelate with building and fire codes. (Program Goals 1, 2, 3)
2. Know how to define the terminology used in fire protection installations. (Program Goals 1, 2, 3)
3. Perform a plan review of automatic sprinkler systems. (Program Goals 1, 2, 3, 5)
4. Conduct inspections of systems for compliance with appropriate standards. (Program Goals 1, 2, 3; NHCC Core Ability Critical Thinking, comps. a, b, c)
5. Acquire a basic understanding of fire chemistry and physics and fire impact on property and life safety. (Program Goals 2, 3)

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted