

North Hennepin Community College

BIT 1100: Field Inspection

A. COURSE DESCRIPTION

Credits: 2

Lecture Hours/Week: *.*

Lab Hours/Week: *.*

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course provides a basic understanding of how to conduct field inspections under the IRC. Students will learn about building components and systems and how building code requirements are applied to these systems during construction. This course is intended for a student working toward a career in the construction industry as an inspector or as a project manager.

For BIT students it is recommended that BIT 1000 be completed before this course.

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

C. OUTLINE OF MAJOR CONTENT AREAS

1. Building types, planning and methods: foundations, floors, materials, walls, roofs
2. Occupancy groups
3. Administration, Records, Referenced Standards

D. LEARNING OUTCOMES (General)

1. Develop a more comprehensive understanding of the source documents that contain the building codes used in MN (Program Goals 1, 2)
2. Develop a broader ability to select appropriate codes for particular applications and understand the variables that determine code applicability (Program Goals 1, 2, 3; NHCC Core Ability Critical Thinking, comps. a, b, c, d)
3. Be able to create appropriate record-keeping systems (Program Goal 4; NHCC Core Ability Communication, comps. a, c)
4. Understand the primary categories of construction types and how these types influence code application and interpretation (Program Goals 1, 3, 5; NHCC Core Ability Critical Thinking, comps. a, b, c, d)

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted