

# North Hennepin Community College

## BIT 1210: Advanced 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 is designed to give the experienced construction inspector an understanding of the more detailed requirements of the International Building Code. Topics covered will include standards referenced in the International Building Code, which are considered an extension of the code. Emphasis will be on commercial, industrial, and multi-story buildings.

For BIT students it is recommended that BIT 1100 be completed before taking this course.

**B. COURSE EFFECTIVE DATES:** 08/25/2003 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Referenced Standards, Special Inspections, Detailed Requirements Based on Occupancy, Fire-Resistance-Related Construction, Concrete and Masonry, Engineered Wood Components, Accessibility, Uniformity

### D. LEARNING OUTCOMES (General)

1. Identify specific detailed requirements of advanced types of construction and occupancy groups. (Program Goals 1, 3, 5)
2. Apply referenced standards identified in the International Building Code to various required inspections. (Program Goals 1, 3; NHCC Core Ability Critical Thinking, comps. a, b, c)
3. Develop a systematic approach to specialty inspections. (Program Goals 1, 2, 3)
4. Develop research and record keeping skills needed to correctly interpret and enforce building code requirements. (Program Goals 1, 2; NHCC Ability Critical Thinking, comps. a, b, c)
5. Communicate requirements of the building code to other trade and design professionals. (Program Goals 1, 4; NHCC Core Ability Communication, comps. a, b, c, d; NHCC Core Ability Ethical and Civic Responsibility, comps. 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