

North Hennepin Community College

BIT 1305: Advanced Plan Review: Non-Structural

A. COURSE DESCRIPTION

Credits: 2

Lecture Hours/Week: *.*

Lab Hours/Week: *.*

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course emphasizes techniques for plan review on commercial, industrial and multi-family structures in accordance with the Minnesota State Building Code. Discussion topics shall include, but not be limited to, occupancy classification, allowable area, types of construction, fire resistive construction, fire protection requirements, exiting and accessibility.

For BIT students it is recommended that BIT 1000 and BIT 1300 be completed before taking this course.

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

C. OUTLINE OF MAJOR CONTENT AREAS

1. Plan review process, Code research and applicability, Design details and specifications, Problem solving as it relates to the plan review process, Communication skills, consumer expectations and conflict resolution.

D. LEARNING OUTCOMES (General)

1. Describe in depth the plan review process, its applicability, and benefits. (Program Goal 3)
2. Apply an in depth step by step process in evaluating the non-structural provision of the International Building code and related codes and standards. (Program Goals 1, 3, 5; NHCC Core Ability Critical Thinking, comps. a, b, c, d)
3. Become familiar with the parameters of the International Building Code (and related codes) and effectively relate this information to the plan review process. (Program Goals 3, 5; NHCC Core Ability Critical Thinking, comps. a, b, c, d)
4. Recognize the variable and unique situations that effect code application and learn to interpret the code to apply the applicable provisions for those situations. (Program Goal 2; NHCC Core Ability Critical Thinking, comps. a, b, c, d; NHCC Core Ability Ethical and Civic Responsibility, comps. b, c, d)
5. Discuss effective communication skills related to working with design professionals, building owners, contractors, and other stakeholders within the industry. (Program Goal 4; NHCC Core Ability Communication, comps. a, b, c, d, e, g; 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