

Course discipline/number/title: CR 1610: Residential Blueprint Reading

A. CATALOG DESCRIPTION

1. Credits: 2
2. Hours/Week: 2
3. Prerequisites (Course discipline/number): None
4. MnTC Goals (if any): NA

The focus of this course is to develop the ability to read and interpret architectural drawings and specifications. Topics include symbols and abbreviations, floor plans, elevations, and section views. Students will discover where to find needed information and learn to visualize the draftsman's intent.

B. DATE LAST REVISED (Month, year): November, 2017

C. OUTLINE OF MAJOR CONTENT AREAS:

1. Construction documents
2. Symbols and abbreviations
3. Plot plans
4. Floor plans
5. Elevations
6. Sections
7. Details

D. LEARNING OUTCOMES (GENERAL): The student will be able to:

1. Interpret working drawings.
2. Estimate materials quantities.
3. Recognize symbols and abbreviations.
4. Locate and compare plan, section and elevation views.
5. Visualize the entire plan.
6. Find the graphic information necessary to complete a construction project.
7. Create shop drawings.

E. LEARNING OUTCOMES (MNTC): NA

F. METHODS FOR EVALUATION OF STUDENT LEARNING:

Methods may include but are not limited to:

1. Research assignments
2. Quizzes
3. Exams
4. Class Participation

G. RCTC CORE OUTCOME(S) ADDRESSED:

Critical Thinking. Students will think systematically and explore information thoroughly before accepting or formulating a position or conclusion.

H. SPECIAL INFORMATION (if any): None