COMMON COURSE OUTLINE: 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. Co-requisites (Course discipline/number): None
5. MnTC Goals (if any): NA

The purpose of this course is to develop fundamental skills necessary to interpret blueprints used in the building trades. Topics included will be blueprint symbols and abbreviations, interpreting structural details, and “hands on” blueprint interpretation.

B. DATE LAST REVISED (Month, year): February, 2000

C. OUTLINE OF MAJOR CONTENT AREAS:
1. Explain Blueprints
2. Identify types of drawings
3. Identify function of elevation drawing
4. Explain function of floor plans
5. Interpret floor plans
6. Identify blueprint symbols and notations
7. Describe scaling/dimensions

D. LEARNING OUTCOMES (GENERAL): The student will be able to:
1. Describe common types of frame construction.
2. Describe types of Masonry construction.
3. Describe detail drawings.
4. Read/Interpret sectional drawings.
5. Read/Interpret Interior detail drawing.
7. Describe plot plans.
8. Describe floor plans.

E. LEARNING OUTCOMES (MNTC): NA

F. METHODS FOR EVALUATION OF STUDENT LEARNING:
1. Outside assignment
2. Quizzes
3. Exams
4. Grades will be awarded as a letter grade A-F

G. SPECIAL INFORMATION (if any):
Books on the book list