COMMON COURSE OUTLINE: Course discipline/number/title: CR 1627: Roofing Systems

A. CATALOG DESCRIPTION
1. Credits: 2
2. Hours/Week: 2 lab
3. Prerequisites (Course discipline/number): None
4. Co-requisites (Course discipline/number): None
5. MnTC Goals (if any): NA

In this course students will be building rafters, setting trusses, and putting on roof materials.

B. DATE LAST REVISED (Month, year): August, 1997

C. OUTLINE OF MAJOR CONTENT AREAS:
1. Use rafter tables to determine rafters
2. Use step off method to determine rafters
3. Use essex board tables
4. Use brace measure tables
5. Layout the ridge board
6. Layout common rafters
7. Cut common rafters
8. Install common rafters
9. Cut collar beams

D. LEARNING OUTCOMES (GENERAL): The student will be able to:
1. Layout roof opening.
2. Install roof openings.
3. Layout roof overhangs.
4. Install roof overhangs.
5. Identify W trusses.
6. Install W trusses.
7. Build closed cornice at eave.
8. Build closed rake cornice.
9. Apply building felt.

E. LEARNING OUTCOMES (MNTE): NA

F. METHODS FOR EVALUATION OF STUDENT LEARNING:
1. Outside assignments
2. Quizzes
3. Exams
4. The grades will be awarded as a letter grade, A-F, based on points earned

G. SPECIAL INFORMATION (if any): None