

Course discipline/number/title: CR 1623: Rough Framing

A. CATALOG DESCRIPTION

1. Credits: 5
2. Hours/Week: 10 lab
3. Prerequisites (Course discipline/number): None
4. MnTC Goals (if any): NA

This course involves the initial framing of a new single family home. Students assemble floor systems, build exterior walls and frame the roof. Safe building practices and tools of the trade are introduced. Good work habits are established.

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

C. OUTLINE OF MAJOR CONTENT AREAS:

1. Hand and power tool safety
2. Ladders, scaffolds, fall protection
3. Floor, wall and roof framing
4. Stair frames
5. Exterior doors and window

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

1. Demonstrate safe operation of hand and power tools
2. Interpret information from blueprints and construction documents
3. Apply building codes and safety standards
4. Lay out and install a floor system
5. Build exterior walls
6. Install sheathing
7. Identify and use proper fasteners
8. Cut studs, plates, sills, stringers and rafters
9. Build safe scaffolds
10. Perform general carpentry skills

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:

Personal and Professional Accountability. Students will take responsibility as active learners for achieving their educational and personal goals.

H. SPECIAL INFORMATION (if any): None