

Course discipline/number/title: CR 1637: Exterior Finishing

A. CATALOG DESCRIPTION

1. Credits: 4
2. Hours/Week: 8 lab
3. Prerequisites (Course discipline/number): None
4. MnTC Goals (if any): NA

This course creates opportunity for students to apply exterior finishes to a new home. Students will install windows, doors, siding, soffit, fascia trim and build columns, decks and porches. Metal bending tools and a variety of soffit and siding saws will be used.

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

C. OUTLINE OF MAJOR CONTENT AREAS:

1. Safe use of tools and equipment
2. Windows and doors
3. Ladder and scaffold safety (fall protection)
4. Metal soffits and fascia
5. Install siding, flashing and trim
6. Build finish columns
7. Build a deck
8. Build character and a sense of pride and professionalism

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

1. Demonstrate safe use of tools and equipment
2. Install windows and doors
3. Choose and use fall protection equipment
4. Utilize metal break, fabricate and install metal flashings and trim
5. Lay-out, cut and install wood, steel and vinyl siding products
6. Build exterior columns, decks and porches
7. Perform general carpentry skills while applying codes and safety standards

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.

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

H. SPECIAL INFORMATION (if any): None