

Master Syllabus

CAT 1830 - Construction Techniques III (NCCER Level 2)

Division: Science, Mathematics and Engineering

Department: Civil Engineering Technology

Credit Hour Total: 3.0

Lecture Hrs: 1.0 **Lab Hrs:** 4.0

Prerequisite(s): CAT 1820

Other Prerequisite(s): AND Approval of Department

Date Revised: January 2014

Course Description:

Exterior and interior finishing of frame structures including roofing materials, siding, drywall, stairs, doors and trim. May be taken for two semesters. One classroom, four lab hours per week.

General Education Outcomes:

- Critical Thinking/Problem Solving Competency

Course Outcomes:

Thermal and moisture protection

Describe methods of providing thermal and moisture protection.

Assessment Method: Locally developed exams

Performance Criteria:

70% or better on exams

Selection of building materials

Demonstrate appropriate selection of building materials.

Assessment Method: Locally developed exams

Performance Criteria:

70% or better on exams

Proper installation techniques

Use proper installation techniques for exterior and interior finish materials.

Assessment Method: Behavioral observations

Performance Criteria:

70% or more of available points.

Assessment Method: Locally developed exams

Performance Criteria:

70% or better on exams

Outline:

Exterior siding

Roofing applications

Thermal and moisture protection

Stairs

Drywall

Doors

Suspended ceilings

Cabinet installation