CSTN 143.01: Intermediate Carpentry Laboratory

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CARPENTRY (Sixth edition) by Floyd Vogt; various handouts

RELATIONSHIP TO PROGRAM(S): This course is the second semester of the one-year Certificate of Applied Science or the two-year Associate of Applied Science degree in the Carpentry Program.

COURSE DESCRIPTION: Study of and installation of various sidings; installation of roofing systems and roof venting requirements; installation of vapor barriers, drywall, thermal and acoustical insulation; installation of interior doors and lockset hardware; installation of base and wall cabinets; layout and installation of stairs; deck and porch framing; techniques of interior and exterior trim and installation. Safe work habits and compliance with OSHA rules and regulations emphasized.

COURSE OUTLINE:
1) Exterior finish
2) Roofing
3) Drywall installation
4) Thermal and acoustical insulation
5) Interior door installation
6) Cabinet installation
7) Interior trim
8) Stairs

REQUIRED SUPPLEMENTAL MATERIAL:
-Hardcover 3-ring binder, safety glasses and hearing protection, construction calculator
STUDENT PERFORMANCE OUTCOMES: (Occupational Performance Objectives)

Upon completion of this course, the student will demonstrate:

1) Evidence of a thorough understanding of exterior finishing products and techniques for installation as well as an understanding of exterior details such as soffit, fascia and cornices.

2) Evidence of a thorough understanding of vapor barriers, thermal and acoustical insulation and drywall products and installation.

3) Evidence of a thorough understanding of roofing and proper venting techniques.

4) Evidence of a thorough understanding of interior door installation.

5) Evidence of a thorough understanding of basic stair layout.

6) Evidence of a thorough understanding of interior trim products and techniques, including base trim and door and window trim, as well as basic understanding of ceiling moldings and installation techniques.

GRADING PROCEDURES:

Grading scale:

90%-100%: A to A-
80%-89%:  B+ to B-

10%

70%-79%:  C+ to C-
60%-69%:  D+ to D-

80%

Grade Breakdown:

Lecture: Tests—80%
Attendance—10%
Lab: Performance—
Safety—20%

Note: A total of 12 points are awarded for each lab. Failure to bring belt tools, eye and hearing protection to labs will result in a deduction of 6 points.

ACADEMIC INTEGRITY: All students must practice academic honesty. Academic misconduct is subject to an academic penalty by the course instructor and/or a disciplinary sanction by the University. All students need to be familiar with the Student Conduct Code. The code is available for review online at: http://www.umt.edu/SA/VPSA/index.cfm/page/1321.

DISABILITY ACCOMMODATION: Eligible students with disabilities will receive appropriate accommodations in this course when requested in a timely way. Please contact me after class or in my office. Please be prepared to provide a letter from your DSS Coordinator. For more information, visit the Disability Services website at http://www.umt.edu/dss/ or call (406)243-2243 (Voice/Text).