SOUTHEAST COMMUNITY COLLEGE
CONSTRUCTION MANUFACTURING AND TECHNOLOGY DIVISION
Building Construction Technology Program
Revision Date: August 2024

I. CATALOG DESCRIPTION

Course Number:	CNST1440
Course Title:	Cabinetry
Prerequisite(s):	CNST1224
Catalog Description:	Fundamentals and application of carpentry, emphasizing the process of home building through the study of blueprints and construction texts and references.
Credit Hours:	3.5
Class Hours:	23
Lab Hours:	92
Total Contact Hours:	115

II. COURSE OBJECTIVES: *Course will:*

A. Have a working knowledge of cabinet making.
B. Build assigned cabinet units according to the instructions given by the instructor.

III. STUDENT LEARNING OUTCOMES AND GENERAL EDUCATION LEARNING OUTCOMES:

A. Student Learning Outcomes: *Student will be able to:*
- **1.** Layout, size and assemble a face frame for a kitchen cabinet and build cabinet boxes and join both.
- **2.** Layout, size and assemble cabinet doors and cabinet drawers.

B. General Education Learning Outcomes (GELOs)
- **1.** GELO #3: Critical Thinking & Problem Solving
  Outcome 1: Collect, identify interpret and analyze data.

IV. CONTENT/TOPICAL OUTLINE *(course outline may provide more detailed information)*

A. Introduction to cabinet making
- **1.** Planning, materials, layout cutting and procedures

B. Assignments and material lists
C. Layout and parts cutting
D. Construction of cabinets-include total cabinet build in this course for house
- **1.** Wood frame panels, door and drawers, counter tops, hardware, sanding and cleaning

V. INSTRUCTIONAL MATERIALS

A. Required Text(s): Goodheart – Wilcox, *Modern Cabinet Making,* (Refer to CID and/or instructor for current edition)

B. Supplies/Tools Required by the Building Construction Program:
- **1.** 16 oz plumb hammer
- **2.** Stanley combination square
- **3.** Coping saw
- **4.** Stanley block plane
- **5.** Stanley wood chisels
- **6.** Large oil stone
- **7.** Nail sets
- **8.** Stanley putty knife
- **9.** Stanley utility knife
- **10.** Compass scribe
- **11.** Pliers
- **12.** Sliding T-bevel
- **13.** Stanley steel tape
- **14.** #1 and #2 Phillips screwdrivers
- **15.** Straight blade screwdriver

16. Nail apron
17. Drill bit index
18. 3/8" cordless drill
19. Sanding block
20. #5 and #9 vix bits
21. 24" carpenter's level
22. 26" handsaw

VI. METHODS OF PRESENTATION/INSTRUCTION

A. Methods of presentation typically include a combination of the following:

1. Lecture
2. Classroom and Lab demonstration
3. Classroom discussion and Lab assistance/discussion
4. Video presentation
5. PowerPoint presentations
6. Speaker(s)
7. Field Trip(s)
8. Instructional handouts

VII. METHODS OF EVALUATION

A. Methods of evaluation, although determined by the individual instructor, traditionally includes a combination of the following:

1. Projects and Assignments
   - **a.** Cut lists
   - **b.** Cabinet builds
   - **c.** Team assessment rubric
   - **d.** Tests
   - **e.** Homework
   - **f.** Determine Accurate Cabinet Sizes by Reading Blueprints
2. Cutting Material for Minimal Waste
3. Workmanship and Self Discipline
4. Safety Practices
5. See Specific Rubrics

VIII. SPECIFIC COURSE REQUIREMENTS

A. Student must meet all of the following to receive a passing grade:

1. Achieve a passing grade of "C" (70%) or higher, based on SCC grading scale.
2. Submit own work. Students turning in homework, reports, field notes, or calculations by someone other than themselves will receive 0% and be referred to the Division Dean and Dean of Students for further disciplinary action. Consequences can include failing the course.
3. Demonstrate attitude, skills, and character commensurate with industry standards.
4. All program policies of the Building Construction Technology program will be strictly enforced.
5. Intentional damage to college property will not be tolerated and may result in punitive action, such as being removed from the program.
6. Cell phones may be used during class/lab time for class use only. If this becomes a problem, the instructor may consider referring the student to the Dean of Students.