

SOUTHEAST COMMUNITY COLLEGE
ADVANCED TECHNOLOGY AND SKILLED TRADES DIVISION
Building Construction Technology Program
Revision Date: 9/22/2025

I. CATALOG DESCRIPTION

Course Number: CNST2470
Course Title: Interiors
Prerequisite(s): CNST1460
Catalog Description: This course introduces the fundamentals and applications of interior finishes, emphasizing the process of home building thru the study of blue prints, construction texts, and references. Topics covered will include drywall, interior trim, interior doors and door hardware.

Credit Hours: 4.5
Class Hours: 30
Lab Hours: 113
Total Contact Hours: 143

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.
- C. Will be able to trim out the interior of a residential structure
- D. Will be able to identify and properly install pre-hung interior doors, and install hardware per the manufacturers' guidelines.
- E. Will be able to hang & finish drywall in a mock up.
- F. Will be able to install basic LVP flooring.

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.
 - 3. Install & finish drywall
 - 4. Install interior doors
 - 5. Install interior trim
 - 6. Install LVP flooring
- 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. Have an understanding of types & installation of L.V.P. flooring
- E. 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:

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|-----|--|-----|--|
| 1. | Safety glasses. Must meet Z87 specs | 19. | Panel/utility knife- Retractable with extra blades |
| 2. | Work boots, leather, optional steel toe Z41 | 20. | Chalk box, 100' –Irwin #125 |
| 3. | Hard hat, OSHA approved for construction | 21. | Scriber/Compass |
| 4. | Construction Master calculator, Model 4065 v3.1 or 3.0 | 22. | T-bevel, sliding-Stanley #H1225, plastic or wood handle |
| 5. | Carpenter level, 24" to 30" | 23. | Screwdrivers-Phillips #1 & #2 square #2, Straight 1/4" |
| 6. | Steel tape measure 12' to 25' | 24. | Nail apron or web belt with pouches |
| 7. | Hearing protection | 25. | Drill bit set- (1/16", 5/32", 3/32", 1/8", 3/16", 1/4") min. |
| 8. | Jump drive storage device, 1GB min. | 26. | 3/8" Drill, variable speed, forward/reverse, battery with hammer setting |
| 9. | Hammer, 16 oz. Plumb OAN 11 1/2 | 27. | Screwdriver bit set for 3/8" drill. Include #1 & #2 Phillips, #25 Torx, #2 square bit & straight |
| 10. | Combination Square, Stanley #122, not plastic | 28. | Square gauges-1 pair |
| 11. | Framing square, Stanley R100B Must have octagon scale, rafter table, essex bd measure, brace table | 29. | Needle nose pliers |
| 12. | Coping Saw-Stanley #39-106, 6 3/4" | 30. | Drywall knives 4" & 6" (not plastic) |
| 13. | Block Plane, Low angle, Stanley #60 or Bailey 12-960 | 31. | Pliers, vise-grip or side cutters |
| 14. | Chisels (4)- Stanley #64-1/4", 1/2", 3/4", 1" | 32. | Pocket plane Stanley Surform/Drywall rasp |
| 15. | Scratch Awl-Stanley 100 Plus | 33. | 25' Extension cord with optional multiple ends, GFCI 12-3 or 14-3 wire |
| 16. | Oilston, Large Carborundum, reversible | 34. | Flat pry bar-Wonderbar or Superbar |
| 17. | Nail sets (3)- 1/32", 2/32", 3/32" | 35. | Cats claw, cats paw, sheep claw |
| 18. | Putty Knife-Stanley #1540 | 36. | Sanding block, Wood, rubber or plastic |
| | | 37. | VIX bits-#5 and #9 |
| | | 38. | Combination countersink bit-1 1/4" x #8 |

- 39. Speedbor Wood bits-Set of 6 ($\frac{3}{8}$ "-1")
- 40. Router bit $\frac{1}{4}$ " shank, $\frac{1}{2}$ " straight cut
- 41. Router bit $\frac{1}{4}$ " shank 45 degree chamfer with bearing guide
- 42. Router bit $\frac{1}{4}$ " shank Flush cut laminate bit with bearing guide
- 43. Router bit $\frac{1}{4}$ " shank $\frac{1}{4}$ " round over with bearing guide
- 44. Framing Hammer 20 – 22oz.
- 45. 9-piece hex key set. Standard.
- 46. Speed square Swanson, 7" # SO101
- 47. Drywall bit tip.
- 48. Ayation snip set. LH, RH, Straight.
- 49. Locking C clamp plyers w/ swivel pads.
- 50. Nut drive bit set. 4-piece.
- 51. Dust Mask
- 52. 16' Stanley tape measure 33-116L
- 53. Steel Tape, 100'
- 54. 4' level.

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. Assignments
 - a. Due dates are provided with assignment
 - b. Complete projects on time
 - c. Points are deducted if a project is late
 - 2. Determine Accurate Cabinet Sizes by Reading Blueprints
 - 3. Cutting Material for Minimal Waste
 - 4. Workmanship and Self Discipline
 - 5. Safety Practices
 - 6. Grading rubrics in class shell.

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 cell phones will not be used during class/lab time unless approved by the instructor. If this becomes a problem, the instructor may consider referring the delinquent student to the dean of students
- B.** All program policies of the Building Construction Technology program will be strictly enforced.
- C.** Intentional damage to college property will not be tolerated and may result in punitive action, such as being removed from the program. Damages will be assessed & charged to the student at the instructors’ discretion.