

COURSE INFORMATION

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| Course prefix/No.: | BCT 108 |
| Course Title: | Finish Trim |
| Lecture Hours/Week: | 1.0 |
| Lab Hours/Week: | 3.0 |
| Credit Hours/Semester | 2.0 |

[*Distance Learning Attendance/VA Statement*](#)
[*Textbook Information*](#)

COURSE DESCRIPTION

This course covers the intricacies of cutting and installing finish moldings using hand and power tools. It also includes the installation of doors, casings, baseboards, shelving, and stair parts.

COURSE COMPETENCIES

Upon successful completion of this course, the student should be able to:

Module 1- Insulation and Wall Finish

- Define insulating terms and requirements.
- Describe how insulation works.
- Describe the commonly used insulating materials and state where insulation is placed.
- Correctly install various kinds of insulation.
- Describe types of ventilators.
- Explain the need for ventilating a structure.
- Correctly install vapor retarders
- Describe various kinds, sizes, and uses of gypsum panels.
- Describe the kinds and sizes of nails, screws, and adhesives used to attach gypsum panels.
- Apply gypsum board to interior walls and ceilings.
- Conceal gypsum board fasteners and corner beads.
- Reinforce and conceal joints with tape and compound.
- Describe and apply various kinds of sheet wall paneling.
- Describe and apply various patterns of solid lumber wall paneling.
- Estimate quantities of drywall, drywall accessories, and sheet and board wall paneling.

Module 2 - Ceilings, Floors and Molding

- Identify the components of a suspended ceiling system.
- Lay out and install suspended ceilings.
- Identify standard interior moldings and describe their use.
- Apply ceiling and wall molding.
- Apply interior door casings, baseboard, base cap, and base shoe.
- Install window trim, including stools, aprons, jamb extensions, and casings.
- Apply strip and plank flooring.
- Estimate quantities of the parts in a suspended ceiling system.
- Estimate the quantities of molding need for windows, doors, ceilings, and base.
- Estimate quantities of wood flooring required for various installations.

Module 3 - Windows and Doors

- Describe the most popular styles of windows and name their parts.
- Select desired sizes and styles of windows from manufacturers' catalogs.
- Install various types of windows in an approved manner.
- Name the parts of a prehung door frame and set.
- Describe the standard designs and sizes of doors and name their parts.
- Properly hang a door in a pre-existing opening.
- Install locksets in doors.
- Install bypass, bifold, and pocket doors.

Module 4 - Cabinets

- State the sizes of and describe the construction of typical base and wall kitchen cabinet units.
- Install manufactured kitchen cabinets.
- Construct, laminate, and install a countertop.
- Identify cabinet doors and drawers according to the type of construction and method of installation.
- Identify overlay, lipped, and flush cabinet doors and proper drawer construction.
- Install cabinet hinges, pulls, and door catches.

REQUIREMENTS

Attendance Policy

The college attendance policy stated in the college handbook will be honored.

Academic Honesty

Students are expected to adhere to the college policy regarding student conduct as stated in the college handbook.

Assignments

Students are expected to complete all assignments and any supplementary exercises designated by the instructor.

EVALUATION STRATEGIES/GRADING

Students must complete all modules, including assignments, projects, labs, and tests. Students must earn at least a “C” in order for the course to serve as a prerequisite and for the course to apply towards a certificate.

Grading Scale

A = 90-100

B = 80-89

C = 70-79

D = 60-69

F = 0-59

Evaluation Method

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| Tests/Projects (minimum of four total) | 12.50% for each Module |
| Work Attitude | 6.25% for each Module |
| Lab | 6.25% for each Module |

25% X 4 module grades = 100% Final Grade

***Work Attitude is defined as:**

- Participation
- Cooperation
- Appearance
- Effort
- Safety
- Responsibility
- Professionalism
- Attendance
- Self Motivation
- Works Independently

ENTRY LEVEL SKILLS

The student must be able to read and solve basic mathematical equations.

PREREQUISITES

RDG 031 or equivalent, BCT 105, BCT 112

CO-REQUISITES

None

METHODS OF INSTRUCTION

Lectures, reading assignments, projects, discussions, video presentations, multimedia presentations, and web content are the major teaching methods used in this course. See instructor for specifics.

LAB EXERCISES

See addendum or instructor for additional details.

Effective Date: SP06