

COURSE INFORMATION:

Course Prefix/No.:	BCT 112
Course Title:	Construction Print Reading
Lecture Hours/Week:	2.0
Lab Hours/Week:	0.0
Credit Hours/Semester:	2.0

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

COURSE DESCRIPTION:

This course is a study of residential and light commercial prints.

COURSE COMPETENCIES:

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

Module 1 - Drawing Views

- Understand and interpret Isometric Drawings
- Understand and interpret Oblique Drawings
- Understand and interpret Orthographic Drawings

Module 2 - Scales

- Understand and interpret the scale of a given drawing.
- Use a standard tape measure in relation to a given drawing.
- Read and use an architect's scale.

Module 3 - Lines

- Understand and correctly interpret the dashed line.
- Utilize and explain extension lines and Dimensions lines.
- Correctly interpret and use centerlines.
- Utilize leaders.
- Use and interpret cutting-plane lines.

Module 4 - Use of Symbols

- Correctly use and interpret structural symbols.
- Correctly use and interpret material symbols.
- Correctly use and interpret mechanical and electrical symbols.
- Correctly use and interpret reference marks.
- Correctly use and interpret abbreviations.

Module 5 - Plan Views

- Correctly interpret site plans.
- Correctly interpret foundation plans.
- Correctly interpret floor plans.

Module 6 - Elevations

- Orient building elevations to building plans.
- Explain the kinds of information shown on elevation plans.
- Correctly give information on building elevations.

Module 7 - Plan Sections and Details

- Find and explain information shown on section views.
- Find and explain information shown on large-scale details.
- Orient sections and details to the other plans and elevations.

STANDARDS:

Assignments and attendance must be completed as designated in “Evaluation Strategies/Grading.” Criteria for minimal acceptable performance will be provided by the instructor.

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 - 89.9
C = 70 - 79.9
D = 60 - 69.9
F = 00 - 59.9

Evaluation Method:

Tests/Projects (minimum of four total)	10.71% for each Module
Work Attitude	<u>3.58%</u> for each Module

14.29% X 7 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/CO-REQUISITES:**Prerequisite:**

RDG 031 or equivalent

Co-requisite:

None

METHODS OF INSTRUCTION:

Lectures, reading assignments, projects, discussions, video presentations, multi-media 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)

None