COURSE INFORMATION

Course prefix/No.: **BCT 213**
Course Title: **Construction Specifications**
Lecture Hours/Week: **2**
Lab Hours/Week: **0**
Credit Hours/Semester: **2**

Distance Learning Attendance/VA Statement
Textbook Information

COURSE DESCRIPTION

This course is a study of construction specifications, sub-contracts and the specification format for residential and light commercial construction.

COURSE COMPETENCIES

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

Module 1

- Define and explain the function of specifications.
- Name the users (contractors, inspectors, owners, etc.) of specifications and explain how they will use them.
- Explain the relationship between drawings and specifications.
- Identify the pertinent kinds of information drawings provide.
- Explain the reason specifications should not duplicate or overlap information contained given on drawings.
- Review and analyze specifications from residential construction projects.
- Identify deficiencies in poorly written specifications.

Module 2

- Explain acceptable systems for writing specifications.
- Describe the “method” system and the “results” systems for writing specifications.
- Define and give an example of a performance specification.
- Define and give an example of a descriptive specification.
- Define and give an example of a reference specification.
- Define and give an example of a proprietary specification.
- Name three recognized authorities (i.e., AIA) that are often cited as references for specifications.
- Explain “or equal” specifications reasons for and against them.
- Explain the terms “open” and “closed” specifications.

Module 3

- Prepare specifications for a residential construction project.
- Define the terms “organization of specifications” and “technical sections.”
- Describe the Sectionformat approach to organize a technical section.
- Prepare a Sectionformat for a technical section of a construction project.
- List and describe essential parts of a contract.
- Prepare a subcontract for a component of a construction project.

REQUIREMENTS

Attendance Policy

The college attendance policy, stated in the college handbook, will be honored. The instructor will provide specific requirements for the course.

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:

Tests/Projects (minimum of three)	16.66% for each module
Work Attitude	8.32% for each module
Lab	8.32% for each module

100% Final Grade = 33.3% X 3 modules

Work Attitude is defined as:

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

ENTRY LEVEL SKILLS

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

PREREQUISITES/CO-REQUISITES

Prerequisites: RDG 031 or equivalent and BCT 111

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 and/or instructor for additional details.

Disability Statement: Any student who feels s/he may need an accommodation based on the impact of a disability should contact the Special Resources Office (SRO) at 803-327-8007 in the 300 area of Student Services. The SRO coordinates reasonable accommodations for students with documented disabilities.

Effective Date: SU06