

Northwest Arkansas Community College
Business and Computer Information Systems Division

Discipline Code

DRFT

Course Number

2363

Course Title

Commercial Construction Drawing

Catalog Description

This course introduces students to the procedures for designing and documenting commercial structures. Students will learn commercial building terminology, materials, methods of construction, and the codes governing commercial design. Emphasis is placed on architectural drafting procedures, standards, practices, and symbols to create construction drawings.

Prerequisites

DRFT 2234

Credit Hours

3 credit hours

Contact hours

45 contact hours

Load hours

3 load hours

Semesters Offered

Fall

ACTS Equivalent

None

Grade Mode

A-F

Learning Outcomes

Students will:

- Predict office practices and procedures on a typical project
- Apply national and local building codes and how to apply them to projects
- Identify typical materials and systems used on commercial projects and represent them in drawings
- Draw and annotate details typical of commercial construction
- Produce a set of code compliant construction documents that include a site plan, floor plans, building sections, roof plan, and details of a small commercial project

General Education Outcomes Supported

None

Standard Practices

Topics list

- Office Practice and Procedures
- Commercial Design
- Zoning and Building Codes
- Accessibility Codes
- Structural Systems
- Commercial Building Materials and Elements
- Construction Drawing and Detailing

Learning activities

Assessments

- Assignments
- Quizzes
- Final Project

Grading guidelines

- A = 90-100%
- B = 80-89%
- C = 70-79%
- D = 60-69%
- F = 0-59%