

**NorthWest Arkansas Community College
Workforce & Economic Development Division
Construction Technology Department Course Outline**

Course Number and Title

CST 2423 Construction Codes and Regulations (F, S)

Catalog Description

Building Code and other regulations applicable to light construction. Students will complete a company safety plan during discussions of construction safety and OSHA regulations.

Prerequisite

None

Credit Hours/Contact Hours/Load Hours

3/3/3

Target Audience / Transferability

This course is designed for students completing the requirements for the two-year NWACC Associate of Applied Science degree in Construction Technology. This course can also be useful for construction professionals needing current knowledge. This class will transfer to some universities.

Student Learning Outcomes

Upon completing this course, the student should be able to:

- An understanding of the intent of building codes to protect the safety and welfare of the occupants of buildings and the public.
- The ability to interpret and apply the International Residential Code (IRC) and use that ability to understand and use the commercial building codes.
- An understanding and use of construction terminology.

Topics

- Purposes of individuals and parties involved in the construction process
- Principles of Structural Behavior
- Principles of Mechanical, Electrical, and Plumbing Systems
- Legal Implications of Contract, Common, and Regulatory Law to Manage a Construction Project
- Methods, Materials, and Equipment Used to Construct Projects

Forms of Assessment

Exams covering International Residential Code and International Building Code, in-class exercises, and end of chapter reviews.

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