

COURSE OUTLINE
Fire Service Codes and Standards

SECTION I

SUBJECT AREA AND COURSE NUMBER: Fire Technology – FTA 213

COURSE TITLE: Fire Service Codes and Standards

COURSE CATALOG DESCRIPTION: This course reviews the history of laws and codes related to the fire service and the standards which impact the delivery of fire protection services. The National Fire Protection Association (NFPA) Code Development process will be explained in detail and will be compared to other Standards production agencies.

LECTURE HOURS PER WEEK: 3 **CREDIT HOURS:** 3

LAB HOURS PER WEEK: 0

PREREQUISITES: FTA 112, COM 173, or permission of instructor

SECTION II

- A. **SCOPE:** In this course students will learn the history of codes and standards related to the fire service. Students will be guided in an independent study of a student-selected code topic and will then produce oral and written term reports based on a detailed study of their selected topic.
- B. **REQUIRED WORK:** Students will be expected to complete all assigned readings and homework and submit all written work on time.
- C. **ATTENDANCE AND PARTICIPATION:** Regular attendance and class participation are expected.
- D. **METHODS OF INSTRUCTION:** The methods of instruction are determined by each instructor and may include, but are not limited to, lecture/discussion, small group tasks, collaborative learning, experimental/exploration, distance learning, student presentations, or use of technologies such as audio-visual materials, computers, and internet.

E. OBJECTIVES, OUTCOMES, AND ASSESSMENT: The following objectives and outcomes represent the department's core requirements for student achievement.

LEARNING OBJECTIVES	LEARNING OUTCOMES	ASSESSMENT METHODS
To demonstrate an understanding of:	Student will:	As measured by:
1. The student's role in the learning process	a) Attend regularly, on time, and stay for entire class period; b) Complete assignments and contribute positively to the class	Attendance records Class records
2. The standard development process used by the NFPA	Explain the process of NFPA standard development	Written exam
3. The impact of the Code of Federal Regulations (CFR)	Explain relevant sections of the CFR	Class discussion, exam
4. The role of OSHA in enforcing the CFR	Explain the role of ConnOSHA	Written exam
5. Focused research on a specific code/standard topic	Demonstrate contemporary research methods to thoroughly research and explain a specific code topic	Detailed written report with documentation Individual presentation
6. The use of effective oral and written presentation skills	Prepare and present an effective oral and written presentation	Oral report Written report

F. TEXTS AND MATERIALS: As selected by instructor

G. INFORMATION TECHNOLOGY: As determined by instructor