

**FIP 124**  
**FIRE PREVENTION & PUBLIC EDUCATION**

**COURSE DESCRIPTION:**

Prerequisite: None

Corequisite: None

This course introduces fire prevention concepts as they relate to community and industrial operations. Topics include the development and maintenance of fire prevention programs, educational programs, and inspection programs. Upon completion, students should be able to research, develop, and present a fire safety program to a citizens or industrial group. Course Hours Per Week: Class, 3. Semester Hours Credit 3

**COURSE OBJECTIVES:**

Upon completion of this course, the students will be able to:

- a. List the organizations involved in prevention and education efforts.
- b. Define the organizational structure in fire prevention and education.
- c. Discuss training programs for fire prevention.
- d. Explain the National Professional Qualifications Systems.
- e. Apply the NFPA standards on prevention codes.
- f. Recognize the fundamentals of zoning and construction codes.
- g. Define the elements of a plan review program.
- h. Discuss the major programs for public education.
- i. Design home inspection program.
- j. Design media programs
- k. Conduct research in fire prevention.

**OUTLINE OF INSTRUCTION:**

- I. History
  - a. Historical background
  - b. Early fire prevention
  - c. Tragedies and fire prevention measures
- II. Fire prevention efforts
  - a. Private sector organizations
  - b. Federal agencies
  - c. State agencies
  - d. County agencies
  - e. Municipal agencies
- III. Organization of municipal fire prevention

- a. Fire prevention functions
  - b. Fire prevention and education training
  - c. Fire prevention advisory committees
  - d. Intensive inspection program
  - e. Relation to other agencies
- IV. Training for fire prevention duties
- a. Lack of emphasis on fire prevention
  - b. Recruit training programs
  - c. Training in inspection
  - d. National Professional Qualifications Systems
- V. Fire prevention codes
- a. Model prevention and building codes
  - b. NFPA standards
  - c. Zoning codes
  - d. Construction codes
- VI. Arson suppression
- a. Arson statistics
  - b. Model arson law
  - c. Nature of arson
- VII. Records and reports
- a. Deaths and injuries
  - b. Loss statistics
  - c. Prevention activities
  - d. Annual and public reports
- VIII. The public and prevention
- a. Fire drills
  - b. Use of extinguishers
  - c. Control of panic
  - d. Private fire brigades
  - e. Fire safety manuals
  - f. Safety for the elderly
- IX. Programs for public education
- a. Home inspection programs
  - b. Civic organizations
  - c. Education in the schools
  - d. Youth organizations
  - e. Media and publicity programs

**REQUIRED TEXTBOOKS AND MATERIALS:**

Textbooks to be selected by instructor.

**STATEMENT FOR STUDENTS WITH DISABILITIES:**

Students who require academic accommodations due to any physical, psychological, or learning disability are encouraged to request assistance from a disability services counselor within the first two weeks of class. Likewise, students who potentially require emergency medical attention due to any chronic health condition are encouraged to disclose this information to a disability services counselor within the first two weeks of class. Counselors can be contacted by calling 919-536-7207, ext. 1413 or by visiting the Student Development Office in the Phail Wynn Jr. Student Services Center, room 1209.