

Prepared by the Department of Social Sciences, Behavioral Sciences, and Human Services

Date of Departmental Approval: February 12, 2013

Date approved by Curriculum and Programs: February 13, 2013

Effective: Fall 2013

1. **Course Number:** FSC151
Course Title: Fire Prevention
2. **Description:** (replaces FSC101) This course provides fundamental knowledge relating to the field of the fire prevention. Topics include history and philosophy of fire prevention, organizations and operation of a fire prevention bureau, use and application of codes and standards, plan review, fire inspections, fire and life safety education, and fire investigation.
3. **Student Learning Outcomes:** (instructional objectives, intellectual skills)
Upon successful completion of this course, students are able to do the following:
 - Define the national fire problem and role of fire prevention
 - Describe fire prevention organizations and associations
 - Define laws, rules, regulations, ordinances and codes relevant to fire prevention authority having jurisdiction
 - Define functions of a fire prevention bureau
 - Describe inspection practices and procedures
 - Identify and describe the standards for professional qualifications for Fire Marshal, Plans Examiner, Fire Inspector, Fire and Life Safety Educator, and Fire Investigator
 - List opportunities in professional development for fire prevention personnel
 - Describe the history and philosophy of fire prevention
 - Discuss code enforcement as it impacts life and property loss
4. **Credits:** 3 credits
5. **Satisfies General Education Requirement:** No
6. **Co-requisite:** FSC150/FSC100
7. **Semester Offered:** Varies
8. **Suggested General Guidelines for Evaluation:** Exams, quizzes, and class projects
9. **General Topical Outline:**
 - I. National Fire Problem and Role of Fire Prevention
 - A. Definition
 - B. Historical Overview
 - C. Data Analysis /GIS
 - D. Current Trends in Fire Prevention
 - II. Fire Prevention Organizations and Associations
 - A. Public - Federal, State and Local
 - B. Private - International, National, and Regional
 - III. Laws, Rules, Regulations and Codes
 - A. Definitions
 - B. Applicability
 - C. Interrelationships
 - D. Limitations
 - IV. Fire Prevention Bureau functions
 - A. Data Collection and Analysis
 - B. Plans Review
 - C. Fire Inspections
 - D. Fire and Life Safety Education

E. Fire Investigations

V. Tools and Equipment

- A. Data Collection and Analysis
- B. Plans Review
- C. Fire Inspections
- D. Fire and Life Safety Education
- E. Fire Investigations

VI. Roles and Responsibilities of Fire Prevention Personnel

- A. Data Collection and Analysis
- B. Code Development and Interpretation
- C. Training and Education
- D. Enforcement
- E. Management

VII. Professional Certifications

- A. Categories and Levels
- B. Local
- C. State
- D. National

VIII. Professional Development

- A. National Fire Prevention Development Model
- B. Training and Education
- C. Certification Systems