

Course Description

This course provides fundamental information regarding the history and philosophy of fire prevention, organization and operation of a fire prevention bureau, use of fire codes, identification and correction of fire hazards, and the relationship of fire prevention with built-in fire protection systems, fire investigation and fire and life-safety education.

Program outcomes

- 1) Define the national fire problem and main issues relating thereto.
- 2) Recognize the need, responsibilities, and importance of fire prevention as part of an overall mix of fire protection.
- 3) Recognize the need, responsibilities, and importance of fire prevention organizations.
- 4) Review minimum professional qualifications at the state and national level for Fire Inspector, Fire Investigator, and Public Educator.
- 5) Define the elements of a plan review program.

Grading Scale:

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|------------------|-----------------|
| A 100-97% | C 77-75% |
| A- 96-94% | C-74-72% |
| B+ 93-90% | D 71-70% |
| B 89-86% | D-71-70% |
| 85-82% | D-69% |
| C+ 81-78% | F<68% |

Students with Disabilities Policy

In accordance with University policy, students with a documented disability for which accommodations may be required should contact the Office of Accessibility:
SAS Building, Room 125

Course Outline:

- Topic 1 Historical Perspective
Leading causes of fire and home fire prevention.
- Topic 2 Code Administration
- Topic 3 Use and Occupancy
- Topic 4 Building Limitations and Types of Construction
- Topic 5 Fire-Resistive Construction Elements
- Topic 6 Installation of Fire Protection Systems
- Topic 7 Means of Egress
- Topic 8 Interior Finishes
- Topic 9 General Safety Provisions
- Topic 10 Maintenance of Fire Protection Systems
- Topic 11 Means of Egress Maintenance and Fire Safety
- Topic 12 Hazardous Materials
- Topic 13 Flammable Liquids and Aerosols
- Topic 14 Detonation and Deflagration hazards
- Topic 15 Hazardous Assembly Occupancies
- Topic 16 Other Storage and Processing
- Topic 17 Compressed Gases and

