

Las Positas College  
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## Course Outline for FST 52

### FIRE FIGHTER SAFETY/PUBLIC ED

Effective: Spring 1993

#### I. CATALOG DESCRIPTION:

FST 52 — FIRE FIGHTER SAFETY/PUBLIC ED — 3.00 units

Assessing fire dangers and handling common fire situations in the home and in the work place; risk abatement and personal preparation for unforeseen fire emergencies; roles and responsibilities in educating the public on fire safety.

3.00 Units Lecture

#### Grading Methods:

Letter Grade

#### Discipline:

	<u>MIN</u>
<b>Lecture Hours:</b>	54.00
<b>Total Hours:</b>	54.00

#### II. NUMBER OF TIMES COURSE MAY BE TAKEN FOR CREDIT: 1

#### III. PREREQUISITE AND/OR ADVISORY SKILLS:

#### IV. MEASURABLE OBJECTIVES:

**Upon completion of this course, the student should be able to:**

- A. Recognize and correct common fire dangers in the home and/or work place;
- B. Select and properly employ available firefighting appliances; e.g., fire extinguishers, hose lines, etc;
- C. Select, maintain, and test detection devices;
- D. Implement operation of Exit Drills In The Home (EDITH);
- E. Describe safety considerations for fire fighters when dealing with emergency situations;
- F. Explain the fire fighter's role and responsibilities in public education.

#### V. CONTENT:

- A. Common fire and health hazards
  - 1. housekeeping
  - 2. electrical
  - 3. flammable gases and liquids
  - 4. common hazardous substances
- B. Firefighting devices
  - 1. fire extinguishers
  - 2. hose lines
  - 3. devices improvised in response to specific situations
- C. Handling emergency situations
  - 1. preplanning for emergencies
  - 2. fire and health danger assessment
  - 3. evacuating premises
  - 4. emergency information reporting
- D. Fire detection devices for the home and/or workplace
  - 1. selection
  - 2. operation
  - 3. maintenance
- E. Fundamental rescue procedures and techniques
  - 1. recognition of personal limitations
  - 2. basic rescue - emergency procedures
  - 3. basic rescue techniques
  - 4. safety considerations during search and rescue
- F. Fire protection in open areas
  - 1. wildland
  - 2. transportation
  - 3. storage
- G. Fire fighter protective clothing
  - 1. reasons for wearing
  - 2. reasons for failure of clothing
  - 3. self-contained breathing apparatus

- 4. personal alarm safety system
- H. Safety precautions
  - 1. structure fires
  - 2. vehicle fires
  - 3. wildland fires
  - 4. all other emergency situations
- I. Safety and health program
  - 1. standards
  - 2. prevention techniques
  - 3. physical fitness
- J. Public education
  - 1. roles and responsibilities
  - 2. planning process
  - 3. target age groups
  - 4. youthful firesetter
  - 5. seasonal and specific programs
  - 6. introduction to communication
  - 7. public education presentation techniques
  - 8. audio-visual materials
  - 9. principles of fire behavior
  - 10. human behavior in fire

#### VI. METHODS OF INSTRUCTION:

- A. **Lecture** -
- B. **Discussion** -
- C. Visual aid equipment
- D. **Field Trips** -
- E. **Student Presentations** -

#### VII. TYPICAL ASSIGNMENTS:

#### VIII. EVALUATION:

- A. **Methods**
  - 1. Quizzes
  - 2. Projects
  - 3. Group Projects
  - 4. Class Participation
- B. **Frequency**

#### IX. TYPICAL TEXTS:

- 1. IFSTA Fire Department Occupational Safety
- 2. NPFA - Fire in Your Home
- 3. Fire Fighter Safety and Public Education workbook

#### X. OTHER MATERIALS REQUIRED OF STUDENTS: