

**J. Sargeant Reynolds Community College  
Course Content Summary**

**Course Prefix and Number:** FST 115

**Credits:** 3

**Course Title:** Fire Prevention

**Course Description:** 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 relationships of fire prevention with built-in fire protection systems, fire investigation, and fire and life-safety education. (Usually offered in spring only.) Lecture 3 hours per week.

**General Course Purpose:**

**Course Prerequisites and Co-requisites:**

None

**Student Learning Outcomes:**

Upon completing the course, the student will be able to

- a. Define the national fire problem and main issues relating thereto;
- b. Recognize the need, responsibilities, and importance of fire prevention as part of an overall mix of fire protection;
- c. Recognize the need, responsibilities, and importance of fire prevention organizations;
- d. Review minimum professional qualifications at the state and national level for fire inspector, fire investigator, and public educator;
- e. Define the elements of a plan review program;
- f. Identify the laws, rules, codes, and other regulations relevant to fire protection of the authority having jurisdiction;
- g. Discuss training programs for fire prevention;
- h. Design media programs.;
- i. Discuss the major programs for public education; and
- j. Identify and analyze the causes of firefighter deaths in the line of duty related to structural and wild land firefighting, training, and research, and the reduction of emergency risks and accidents.

**Major Topics to Be Included:**

- a. National fire problem and its main issues
- b. Need, responsibilities, and importance of fire prevention as part of an overall mix of fire protection
- c. Need, responsibilities, and importance of fire prevention organizations
- d. Minimum professional qualifications at the state and national level for fire inspector, fire investigator, and public educator
- e. Elements of a plan review program
- f. Laws, rules, codes, and other regulations relevant to fire protection
- g. Training programs for fire prevention
- h. Media programs
- i. Programs for public education
- j. Causes of firefighter deaths in the line of duty related to structural and wild land firefighting, training, and research, and the reduction of emergency risks and accidents

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