

J. Sargeant Reynolds Community College
Course Content Summary

Course Prefix and Number: FST 115

Credits: 3

Course Title: Fire Prevention

Course Description (including lecture hours, lab hours, total contacts)

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. Lecture 3 hours per week.

Course Prerequisites/Corequisites (*Entry-level competencies **required** for enrollment*)

None

Course Objectives (Each item should complete the following sentence.)

Upon completing the course, the student will be able to:

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.
6. Identify the laws, rules, codes, and other regulations relevant to fire protection of the authority having jurisdiction.
7. Discuss training programs for fire prevention.
8. Design media programs.
9. Discuss the major programs for public education.
10. Identify and analyze the causes of firefighter deaths in the line of duty related to structural and wildland firefighting, training and research, and the reduction of emergency risks and accidents.

Major Topics to be Included

1. National fire problem and its main issues
2. Need, responsibilities, and importance of fire prevention as part of an overall mix of fire protection
3. Need, responsibilities, and importance of fire prevention organizations
4. Minimum professional qualifications at the state and national level for Fire Inspector, Fire Investigator, and Public Educator
5. Elements of a plan review program
6. Laws, rules, codes, and other regulations relevant to fire protection
7. Training programs for fire prevention
8. Media programs
9. Programs for public education
10. 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

Effective Date of Course Content Summary (Month, Date Year): September 11, 2008