

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE

ACADEMIC AFFAIRS

Course Number: FST-102 Class/Lect. Hours: 3 Lab Hours: Credits: 3 Dept.: Fire Protection and Safety Technology
Course Title: Principles of Emergency Services Semester: Fall Year: 2020

Course Description, Prerequisite, Corequisite:

This course provides an overview to fire protection and emergency services; the career opportunities in fire protection and related fields; the culture and history of emergency services; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of the local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics.

OBJECTIVES/COMPETENCIES

Course Objectives	Competencies
<p>Upon completion of this course the student will be able to:</p> <ol style="list-style-type: none"> 1, Illustrate the history of the fire service 2. Compare and contrast the components and development of fire and emergency services 3. Analyze careers in the fire service 	<ol style="list-style-type: none"> a. Illustrate and explain the history b. Evaluate the culture of the fire service c. Analyze the basic components of fire and the major phases of fire d. Examine the main factors of fire spread and behavior a. Describe the major organizations that provide emergency response service and how they interrelate b. Explain the scope, purpose, and organizational structure of fire and emergency services c. Differentiate between fire service training and education d. Explain the value of higher education to the professionalization of the fire service e. Define the role of national, state, and local support in fire and emergency services f. Describe the common types of fire and emergency service facilities, equipment, and apparatus. g. Compare and contrast effective management concepts for various emergency situations. a. Identify fire protection careers in both the public and private sector. b. Explain the primary responsibilities of fire prevention personnel, including code enforcement, public information, and public and private protection systems. c. Develop the components of career preparation and goal setting. d. Demonstrate the importance of wellness and fitness as it relates to emergency service.

Course Objectives	Competencies
<p>Identify laws, codes, ordinances, and regulations as they relate of fire prevention</p> <p>Understand code enforcement as it impacts life and property loss</p>	<p>Define the national fire problem and role of fire prevention</p> <p>Identify and describe fire prevention organizations and associations</p> <p>Define laws, rules, regulations, and codes , and identify those relevant to fire prevention of the authority having jurisdiction</p> <p>Define the functions of a fire prevention bureau</p> <p>Describe inspection practices and procedures</p> <p>Identify and describe the standards for professional qualifications for Fire Marshal, Plans Examiner, Fire Inspector, Fire and Life Safety Educator, and Fire Investigator</p> <p>List opportunities in professional development for fire prevention personnel</p> <p>Describe the history and philosophy of fire prevention</p>