

Fire Protection Organization

FTEC-1 Syllabus

Section #4793

(online course)

Spring 2015 Semester

Instructor Information

Instructor:
Kevin Coffelt

Email Office:
kcoffelt@elcamino.edu

General Information

Description

This course provides an introduction to fire protection. Emphasis is placed on career opportunities in fire protection and related fields and the philosophy and history of fire protection. Additional topics include fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; and introduction to fire strategy and tactics.

Course Materials

- **Required Materials**
 - Textbooks(required):
 - Introduction to Fire Protection, 5th ed., by Robert Klinoff, Jones & Bartlett Learning (available in the El Camino Bookstore)
 - Order online through publisher and you can get Navigate (a partner website) to go along with your book for only a few dollars more than the textbook price.
 - The Aspiring Firefighter's 2 Year plan- the complete road map to becoming a firefighter, 3rd ed., by Paul S. Lepore, Freespool Publishing (only available online at: www.aspiringfirefighter.com)

Attendance/Class demeanor

- Be on time! Complete all assignments by before the deadlines. This will be expected of you for your ENTIRE career in the fire service.
- Since this is an online class you will be able to work at your own pace on a week-by-week basis. Therefore there will be not grading for attendance, however, ECC policy does allow faculty to drop students after 3 absences. Students who fail to complete work or show attendance on the computer for more than 2 weeks may be dropped. Students with special circumstances **MUST** discuss this with the instructor.

- Be ready to participate once on the computer. Students are all here to learn about the fire department. Help each other, but be courteous to the instructor and other students.
- Turn in your assignments on time! Once an assignment has passed the deadline, there will be no make-ups allowed and the student will receive a zero for that assignment.
- Use this time to *LEARN* what it takes to be a firefighter!

Quiz/ Exam Schedule

- There will be a 10 point quiz each week except the weeks of Spring Recess and the final week of class.
- Project #1 will be the Midterm
- Project #2 will be the Final

Projects

- Project #1 is due by Week 8- project will include filling out a fire department application and developing a resume. Specific details for the project will be handed out in class. Worth 50 points (25 for application, 25 for resume).
- Project #2 is due by week 15- project will include choosing a fire department to research, visitation of the City Hall and/or Chamber of Commerce, then scheduling an interview with a member of the department you chose to research. Details for the project will be handed out in class. Worth 100 points.

Grading

- Quizzes (14 quizzes worth 10 points each)= 140 points
- Online Discussions (14 discussions, 15 points each) = 210 points
- Project #1 (application/resume)= 50 points
- Project #2 (FD research project)= 100 points
- Total possible points (without extra credit)= 400 points
- May earn up to 25 extra credit points (see details below)

Course Schedule

Week	Topic	Reading	Exercises
1	Fire Science Education and the Firefighter Selection Process	Klinoff: Ch.. 1 Lepore: pp. 7-30	Quiz- Ch. 1
2	Fire Protection Career Opportunities, Public and Private	Klinoff: Ch. 2, 5 Lepore : 69-85, 97-104	Quiz- Ch. 2,5
3	Public Fire Protection	Klinoff: Ch. 3	Quiz- Ch. 3
4	Chemistry and Physics of Fire	Klinoff: Ch. 4	Quiz- Ch. 4
5	Fire Department Resources	Klinoff: Ch.	Quiz- Ch. 6
6	Fire Department Administration	Klinoff: Ch. 7, 8	Quiz- Ch. 7, 8

7	Training	Klinoff: Ch. 9 Lepore: 105-134,191-204	Quiz- Ch. 9
8	Fire Prevention	Klinoff: Ch. 10,11	Quiz- Ch. 10,11
9	Spring Break- No Assignments		
10	Fire Protection Systems and Equipment	Klinoff: Ch. 12 Lepore: 206-213	Quiz- Ch. 12
11	Emergency Incident Management	Klinoff: Ch. 13	Quiz- Ch. 13
12	Emergency Operations	Klinoff: Ch. 14 Lepore: 221-241	Quiz- Ch. 14
13	Hiring Process and Testing	Lepore: 119-126	
14	Written Examinations	Lepore: 73-78	
15	Interview Process and final screening	Lepore: 79-96, 127-143	
16	Final Project Due	Last Week of Class	

Extra Credit

Read a major newspaper, magazine, or online story pertaining to a fire department. A total of 25 extra credit points can be earned (up to 5 articles at 5 points each). Students must upload the story to the Discussion Section or provide a link, plus write a 2-3 paragraph explanation of the story and how it pertains to the fire service or this class, then post it with the link. Include the name of the newspaper, magazine, or website (internet address), date, title, and author if available.

Academic Misconduct

The Fire Service is respected for its honesty and it's professional conduct must be above question. Cheating, plagiarism, collusion, abuse of resource materials, computer misuse, fabrication or falsification, multiple submissions, complicity in academic misconduct, and/or bearing false witness will not be tolerated. Violation will be dealt with according to the procedures and sanctions proscribed by El Camino College. Students caught plagiarizing or cheating on exams will receive an "F" in the course.

- The Student Code of Conduct is available online on the ECC website:
<http://www.elcamino.edu/student-services/activities/codeofconduct.asp>