



FIRT 1338 Fire Protection Systems

Instructor

Gordon Haynes

ghaynes@southplainscollege.edu

Cell Phone 806-441-7568 (Text or Call between hours of 9:00AM-10:00pm)

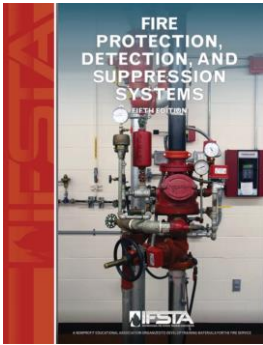
Course Description

This course provides information relating to the features of design and operation of fire alarm systems, water-based fire suppression systems, special hazard fire suppression systems, water supply for fire protection and portable fire extinguishers.

Course Outcomes

At the end of this course, students will be able to:

- Explain the benefits of fire protection systems in various types of structures.
- Describe the basic elements of a public water supply system including sources, distribution networks, piping and hydrants.
- Explain why water is a commonly used extinguishing agent.
- Identify the different types and components of sprinkler, standpipe, and foam systems.
- Review residential and commercial sprinkler legislation.
- Identify the different types of non-water-based fire suppression systems.
- Explain the basic components of a fire alarm system.
- Identify the different types of detectors and explain how they detect fire.
- Describe the hazards of smoke and list the four factors that can influence smoke movement in a building.
- Discuss the appropriate application of fire protection systems.
- Explain the operation and appropriate application for the different types of portable fire protection systems.



Title: *Fire Detection and Suppression Systems*
Edition: 5
Publisher: IFSTA
ISBN: 9780879395995

Lesson Home

Every lesson has a 'Lesson Home' folder that introduces the Lesson and lists what is required to successfully complete the lesson.

Course Components

The *Fire Protection Systems* course is made up of the numerous graded and ungraded activities listed here.

Graded Assessments

- Discussion Forums
- Practice Exercises
- Quizzes
- Assignments

Ungraded Activities

- Reading Assignments

Grades

The following table shows the graded assessment types contained within this course and the assigned weighting used to determine the final course grade:

Graded Assessment Types	Weights (%)
Discussions	33%
Assignments	33%
Quizzes	34%
Total:	100%

Letter grades for the course will be based on the following grading scale:

Letter Grade	Percentage	Grade Point
A	90 - 100%	4.0
B	80 - 89%	3.0
C	70 - 79%	2.0
D	60 - 69%	1.0
F	<60%	0.0

Course Participation

Unlike a traditional classroom-based course, you do not need to show up to class at a specific time every day to earn your class participation grade in an asynchronous online course. Instead, you need to complete the assignments, quizzes, and discussions by the due dates specified by your instructor. Although some of your activities will be ungraded, your instructor will keep track of whether you have completed them and will assign you a course participation grade based on your completion of these assignments.

Online Etiquette

The objective in an online discussion is to be collaborative, **not** combative. Please, proofread your responses carefully before you post them to make sure that they will not be offensive to others. Use discussions to develop your skills in collaboration and teamwork. Treat the discussion areas as a creative environment where you and your classmates can ask questions, express opinions, revise opinions, and take positions just as you would in a more traditional classroom setting.