

Course Expectations Letter

Subject: FTEC 106 - Fire Protect Systems & Equipment

E-Mail Contact Information:

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Catalog Course Description:

Fire Detection and Suppression Systems has been completely updated and provides up-to-date information on fire protection systems. This class familiarizes fire service and other interested personnel with the types, arrangements, and operating principles of these systems. Topics addressed include fire detection and alarm systems, smoke management systems, water supply, fire pumps, automatic sprinkler systems, standpipe and hose systems, special extinguishing systems, and portable fire extinguishers. This class has been developed to meet all FESHE outcomes for the Fire Protection Systems core course.

Student Learning Outcomes:

At the end of this course participants will:

1. Demonstrate knowledge of the design and operation principles of various types of fire protection systems.
2. Develop an awareness of how portable fire extinguishers operate and how they are serviced.
3. Demonstrate your understanding through a written report, how a specific fire protection system operates and functions when needed including system alarm sequences to discharge.
4. Review history on the evolution of many fire protection systems and see how they have been developed throughout the years.
5. Demonstrate competencies via final examination.

By logging into Canvas you affirm that you are the student who enrolled in the course(s) and are the person who will complete the assigned work. Furthermore, you agree to follow the regulations regarding academic integrity, personal identification and the use of student information as described in [BP 5500 \(Standards of Conduct\)](#) and [AP 5520 \(Student Conduct Procedures\)](#) which are the Rio Hondo College student conduct codes that govern student rights and responsibilities. You acknowledge that failure to abide by the regulations set forth in BP 5500 and AP 5520 may result in disciplinary action, including expulsion from the college.

This is **NOT** a self-paced course. There are firm deadlines in this class. There are assignments due on a regular basis. Please plan your time carefully!

Textbook: Please consult the Bookstore for information at (562) 463-7345 or go to

[Rio Hondo College Online Bookstore](#)

This course will include regular instructor student contact. Methods of regular instructor student contact include:

Contact Chief Wallace:

Office hours at Rio Hondo Fire Adacemy

11400 Greenstone

Santa Fe Springs, CA.

EMAIL: GWallace@riohondo.edu

On line classes available 24 hours a day

Web based classes will meet at a regular times at Rio Hondo Fire Academy

Required Reading:

Fire Detection and Suppression Systems, IFSTA, Fifth Edition

Extra Credit reading:

Essentials of Fire Fighting Sixth Edition, IFSTA (International Fire Service Training Association), Sixth Edition, 978-0-13-314080-4

Course Organization:

This course is divided into nine sections or units. Each unit corresponds to ten days in the college semester (LESS THAN ONE WEEK ON SUMMER SESSION). The units are as follows:

- 1 — Overview of Fire Detection and Suppression Systems
- 2 — Fire Detection and Alarm Systems
- 3 — Smoke Management Systems
- 4 — Water Supply Systems
- 5 — Fire Pumps
- 6 — Automatic Sprinkler Systems
- 7 — Standpipe and Hose Systems
- 8 — Special Extinguishing Systems
- 9 — Portable Fire Extinguishers

The instructor may drop you for non-participation.

There will be a one to three business day delay after an add code is used before a student may be able to log on to Canvas.

For students new to online classes, it is highly recommended that you take the Online Orientation through our Online Education website. This will help explain what online classes are like and familiarize you with how the class is laid out. The orientation can be found at: <http://www.riohondo.edu/canvas-orientation//>

Email Responses: Instructors will make every attempt to respond to students in a timely fashion. Responses can take up to 48 hours before a response is received, excluding weekends and holidays.

Disability: A Student with a verified disability may be entitled to appropriate academic accommodations. Please contact your instructor and/or the [Disabled Students & Programs](#) office at 562-908-3420 for more information.

Modifications and Disclaimer: The instructor reserves the right to modify the content of the course or any course procedure. It is the responsibility of the student to keep apprised of all changes. If the student wishes to drop the class he/she is responsible for initiating the drop. Do not take it for granted that you will be dropped. If you stop working and do not drop the course, you may get an undesirable grade.