

# Course Expectations Letter

**Subject:** FT 103 Fire Behavior and Combustion

**E-Mail Contact Information:**

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**Catalog Course Description:**

This course provides Fire Technology or other interested students with an exploration of theories and fundamentals of how and why fires start spread, and how they are controlled. An in-depth study of fire chemistry and physics, fire characteristics of materials, extinguishing agents, and fire control techniques will be explored.

**Student Learning Outcomes:**

Given the theories and fundamentals of how and why fires start, how they spread and are controlled, students will evaluate the different types of fire behavior and describe how to best confine and extinguish fires that will include a description of best methods employed for fire control techniques.

Describe fire suppression agents and their properties.

The student will be able to:

1. Analyze the causes of fire.

Proficient: Student is able to score at least 80% on embedded test questions or assignments relating to the causes of fire.

2. Determine extinguishing agents and methods.

Proficient: Student is able to score at least 80% on embedded test questions or assignments relating to determining extinguishing agents and methods.

3. Differentiate the stages of the fire and fire development.

Proficient: Student is able to score at least 80% on embedded test questions or assignments relating to differentiating the stages of the fire and fire development.

4. Compare methods of heat transfer.

Proficient: Student is able to score at least 80% on embedded test questions or assignments relating to comparing methods of heat transfer.

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](mailto: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

***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 orientations 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.*