

PALM BEACH COMMUNITY COLLEGE
Course Outline

Course Number and Title

FFP 1540: Private Fire Protection I

Catalog Description

A study of private fire protection and detection systems, such as sprinkler and standpipe systems, chemical extinguishing systems, detection systems and devices. Each system is discussed as to its need, construction and preventive maintenance and individual use.

Credit and Contact Hours

3/48

Transferability

Conditional

Prerequisite

None

Co-requisite

None

Textbooks and/or Bibliography

Private Fire Protection and Detection/IFSTA (2nd Edition) and Study Guide for Private Fire Protection and Detection (available at the Palm Beach Community College Bookstore)

Required Equipment:

None

Applies to Certification (s):

Fire safety Inspector, Fire Investigator I

Applies to Re-certification (s):

Fire safety Inspector and Special Fire Safety Inspector

Performance Objectives:

1. Define the four classifications of automatic sprinkler systems.
2. Understand the reasons for the need to have different sprinkler systems.
3. Understand the different types of control devices and their function in an automatic sprinkler system.
4. Understand and have the ability to read the various pressure gauges provided on all types of automatic sprinkler systems.
5. Identify the appropriate classification, size and quantity of fire extinguishers for a given property.
6. Identify the various sources of water for sprinkler and standpipe systems and determine their flow capability for a given occupancy.
7. Determine the operational readings of existing automatic sprinkler, fire alarm, kitchen hood systems and first-aid fire extinguishers.
8. Understand the various deficiencies that would determine a system to be non-operational.
9. Have the ability to communicate both verbally and in written form, the requirements to make a system operationally ready.
10. Evaluate an acceptance test for a new protection system for compliance with applicable codes and standards.
11. Identify the appropriate certifications of inspection and testing for fire-extinguishers, hood systems, sprinkler systems and alarm devices.

Special Requirements

None.