

Course Outline  
FPTC 146  
Fire Detection and Suppression Systems  
3 credit hours

The Community Colleges of Baltimore County  
Catonsville

Description

Fire Detection and Suppression Systems

Discusses the devices and systems used to detect and fight fires in buildings; covers the operation and inspection of these systems including automatic sprinkler systems and other dry systems.

Overall Course Objectives (learning objectives)

Upon completion of the course, the student will be able to:

1. Identify basic fire detection and suppression system types.
2. Describe basic systems applications and installations.
3. Explain rules and methods for inspecting industrial and business systems.

Major Topics

1. System design and capabilities.
2. Basic suppression agents.
3. Installation techniques.
4. Proprietary and public systems.

Course Requirements

Students shall demonstrate learning through:

1. Participation in class discussions.
2. Successful completion of quizzes.