

Lecture	Skill	Fractional Credit
4	0	0.3

Course Description

This course is an advanced level study in ventilating procedures. It will review mechanical ventilation systems and their use in fire ground operations.

Prerequisites: FRS 1034 or Consent

Corequisite: None

Task List

1.	Identify the manual and automatic venting devices found within structures.
2.	Identify the location of the opening, the method to be used and the precautions to be taken when ventilating a basement.
3.	Identify fire ground situations where forced ventilation procedures may be required.
4.	Describe the operations and considerations necessary to control the spread of smoke and fire throughout duct systems including: <ol style="list-style-type: none"> a. Determining location and routing of duct; b. Shutting down systems to prevent spread of heat and smoke; c. Examining duct system after thorough ventilation; d. Checking false ceilings; e. Checking duct systems outlets; and f. Determining if duct system has openings, smoke dampers, or smoke detector.
5.	Identify considerations that must be made when determining the location and size of a ventilation opening, including: <ol style="list-style-type: none"> a. Availability of natural openings; b. Location of fire; c. Direction in which the fire will be drawn; d. Type of building construction; e. Wind direction; f. Progress of fire; g. Condition of building; h. Obstructions; and i. Relative efficiency of large vs. small openings.

Instructor Equipment List

Assorted ventilation equipment

Student Equipment List

Personal protective equipment

Old FRT Number: 385 / FRT 136