One Partnership
Extensive Professional Education.

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Base Price: $450

Please contact your fire training provider for your department pricing.

Mileage over 60 miles will be charged at $2/mile

A MEMBER OF THE MINNESOTA STATE COLLEGES AND UNIVERSITIES SYSTEM

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THROUGH THE SMOKE
How smoke can kill you... now or later

We've Got Minnesota Covered
OBJECTIVES

Understanding the dangers of Hydrogen Cyanide and Carbon Monoxide, and the possibilities of exposure.

Learn about the conditions, temperature, ventilation, and oxygen levels as well as asphyxiates and deadly gases like carbon monoxide and hydrogen cyanide.

Objective of the Class

- Understand the unseen risks that are present in smoke.
- Learn about the more prevalent byproducts of combustion involved in a structure fire, specifically hydrogen cyanide and carbon monoxide.
- Understand the effects of fire gases on the human body.
- Become informed of possible monitoring and treatment techniques that have been developed or tested.
- Learn about what to do in the event of a possible exposure to a toxic byproduct.
- Encourage departments to follow/implement Standard Operating Procedures & Guidelines (SOPs/SOGs) to help prevent exposures.
- Learn about atmospheric monitors and best practices.

Asphyxiates

We’ll show the various ways asphyxiates interfere with normal breathing.

Hydrogen Cyanide (HC)

Learn which materials that burn hotter and faster than conventional materials, as well as the body’s reaction to exposure in the short and long term.

Carbon Monoxide (CO)

Find out how CO exerts its toxic effects and how it becomes fatal. Learn which concentrations begin to manifest symptoms and death.

This class meets:
NFPA 1001 1500 and 1584