



Fire Alarm Systems: Foundational Basics

1.5 Hours 0.15 CEUs ICC Course #24885

This virtual training course provides participants the basic principles in Fire Alarms and is segment 1 of a 3-part series. This segment must be taken before moving on to segment 2.

Content includes educating participants with an understanding of standards, codes, testing, and enforcement of Fire Alarm Systems, the history of Fire Alarms, types of Alarm Systems, Fire Alarm System components (including the FACU, Power Sources, Inputs, and Outputs), the functionality of a Fire Alarm Panel, the functionality and types of Input Devices, and lastly, the functionality and types of Output Devices.

In this webinar, the following Learning Objectives will be reviewed:

- The reference book required for fire alarm wiring.
- The reference book you would use to know if a fire alarm system is required in the building.
- What AHJ stands for and how they impact codes and enforcement.
- What FACU stands for in NFPA terms.
- The 2 sources of power required on a Fire Alarm Panel.
- The types of components that make up a Fire Alarm System.
 - Power Sources
 - Initiating Devices (Inputs)
 - Outputs
- The functionality of Addressable and Conventional Fire Alarm Panels as well as what they have in common.
- The functionality and types of input devices; including manual pull stations, smoke detectors, waterflow and supervisory switches, heat, duct and beam detectors.
- The functionality and types of output devices.

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