Using Sensor Technology and Automating HVAC Systems to Reduce the Spread of Infectious Disease in Buildings

The AIA CEU Course, *Using Sensor Technology and Automating HVAC Systems to Reduce the Spread of Infectious Disease in Buildings*, is being provided to educate end users, consultants, engineers and architects alike. In this course you will learn the environmental factors that are relevant to the spread of infectious disease in buildings. In this currently shifting environment it is more vital than ever to understand the current standards developed by CDC, EPA, ASHRAE, as well as other organizations. Once this foundation has been established the next, learning objective is the identification of various sensor technologies, topologies, and relevant sensor types as well as system design using sensors and building automation systems.

Learning Objectives

This course will identify relevant information about:

- The environmental factors that are relevant to the spread of infectious disease in buildings.
- Current standards developed by CDC, EPA, ASHRAE, as well as other organizations.
- Sensor technology, topology, and relevant sensor types.
- System design using sensors and building automation systems.

Topics Covered

- Sources of Emission
- Modes of Transmission
- Concentration and Protective Ventilation
- Layered Strategy and Hierarchy of Controls
- Environmental Monitoring Process
- Air Cleaning Technology and Their Disinfection Capabilities

AIA Continuing Education Provider

Course #	Version	Length	Credits Earned
IPV-101	Overview	30 Minutes	.5 Credits
IPV-102	Introduction	60 Minutes	1 Credit
IPV-103	Full Course	90 Minutes	1.5 Credits

All credits in this course are HSW (Health, Safety, & Wellness) Credits.
*****No pre-requisite course required.*****

Sign up all attendees at ipvideocorp.thinkific.com
Once signed up, we will enroll you in the selected course.