Fire Alarm Systems Training

Alarms 101

Fire Alarm Systems Training is a program to produce competent and qualified individuals. It is our belief that properly trained and knowledgeable fire alarm system designers and technicians will reduce losses due to fire or false alarms and improve the quality of life in their community.

Partial List of Topics Presented in the Course

- Automatic Detection Methods
- Prevention of Nuisance and False Alarms
- System Notification Appliances
- Relocation and Evacuation Signals
- Smoke Detector Operation
- Smoke Detector Spacing
- Ohm’s Law
- Electrical Theory
- Schematic Reading and Interpretation
- Test Equipment
- Electrical Workmanship Standards
- Codes and Standards
- Fire Alarm Symbols and Terminology
- Fire Alarm Systems
- Device and System Compatibility
- Circuits and Pathways
- Power Sources
- System Sources
- System Calculations
- Initiating Devices
- System Integrity and Supervision
- Heat Detector Operation
- Heat Detector Spacing
- Logic and Control Functions
- Listing Agencies
- System Periodic Test
- Maintenance Procedures
- Inspections
- Fire Suppression Systems
- Reports and Contracts
- Project Specifications

About the Program

This course is designed for individuals who are new to the fire alarm industry and will focus on fundamentals. Individuals currently in the fire alarm industry will benefit from the concepts and theories, which will be built upon in the Alarms 102 course.

Alarms 101 Practical

The Alarms 101 Practical is an optional, hands on lab hosted at The Safety Training Center located at the North Campus. The lab is also offered in a two-day, eight-hour format that can be scheduled at any time when a 10-student minimum is met.

Available Online Through Distance Learning

Jan - Apr | May - Aug | Sep - Dec

We Support and Encourage NICET Certification

CAPE FEAR COMMUNITY COLLEGE

Please contact us for more information

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