



# Fire Alarm Systems Training

## Alarms 102

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

- |   |                                      |                                     |
|---|--------------------------------------|-------------------------------------|
| Prescriptive and Performance Based Design | State and Federal Agencies           | Theory and Principles of Combustion |
| Building Codes and Standards              | Circuit Calculations                 | Smoke Propagation Principles        |
| Flame Sensing Detectors                   | Remote Communication Pathways        | Hazard Protection Analysis          |
| Proposal Generation                       | Shop Drawings                        | Special Hazard Protection Systems   |
| Construction Plans and Drawings           | Tactile Notification                 | Project Management                  |
| Project Correspondence                    | Reliable and Survivable Systems      | UV/IR Detection Methods             |
| Shop and Riser Drawings                   | Design Surveys and Preparation       | Contract Documents                  |
| Ancillary Systems                         | Insurance Agencies and Organizations | Systems for Smoke Control           |
| Electricity and Electronics               | Hostile Design Considerations        | Intelligibility Standards           |
| Agency Listing Requirements               | Design Review                        | Project Close-Out                   |



### About the Course

This course is designed for individuals who are fire alarm technicians or have intermediate experience in the fire alarm industry and will focus on application and design. The subject matter will build upon concepts addressing the behavior and generation of smoke, the combustion process and the requirements of codes and standards that govern fire alarm systems and installations.



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