



Content
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NFPA 72 Training - 2025 Fire Alarm And Signaling Code

[View Course Details](#)

COURSE DATES AND TIMES

NFPA 72 Training Overview

NFPA 72 Training (2025 Edition) is a comprehensive, instructor-led course designed to help electrical and fire-protection professionals understand, apply, and comply with the latest requirements of the National Fire Alarm and Signaling Code. The 2025 edition introduces substantive technical and operational changes that directly affect system design, installation, inspection, testing, maintenance, documentation, and cybersecurity.

Unlike general NFPA 72 national fire alarm courses, this training places strong emphasis on what has changed in the 2025 edition and how those changes impact real-world fire alarm and emergency communication systems in commercial, industrial, institutional, and residential occupancies.

Why NFPA 72 (2025 Edition) Matters

Organizations and facility managers are reassessing existing fire alarm and signaling systems due to significant 2025 code revisions. These changes go beyond minor clarifications and directly affect system architecture, remote access, cybersecurity responsibilities, detector placement limits, documentation, and inspection accountability.

This course is designed to help participants confidently answer the questions now being raised by authorities having jurisdiction, insurers, safety departments, and compliance auditors.

What's New in the 2025 Edition

The 2025 edition of NFPA 72 introduces several important changes addressed in depth during this course, including:

- New mandatory cybersecurity requirements for fire alarm and signaling systems, now formalized in a dedicated chapter
- Updated rules governing remote access, supervision, and network-connected fire alarm systems
- Revised detector spacing and placement criteria, including new limitations for ceiling heights exceeding 40 feet
- Expanded documentation, reporting, and recordkeeping requirements that clarify owner, installer, and service responsibilities
- Recognition and integration of newer detection technologies, including thermal imaging and acoustic leak detection, where permitted
- Revisions affecting emergency communications systems, mass notification, and system survivability
- Clarifications addressing inspection, testing, maintenance frequencies, and acceptable methods

These updates are fully contextualized against previous editions so participants understand both what changed and why it matters.

Learning Format and Approach

This is a live, instructor-led course delivered online with active participation encouraged throughout. The course blends code interpretation with practical application, focusing on how NFPA 72 requirements affect real installations and existing systems.

Instruction includes:

- Clear explanation of the 2025 code language and intent
- Comparison of 2025 requirements to prior editions
- Practical examples drawn from commercial and institutional facilities
- Discussion of common compliance challenges and inspection findings
- Guidance on documentation, testing records, and system accountability

Time is built in for questions, discussion, and real-world scenarios relevant to participant roles.

Learning Outcomes

By the end of this NFPA 72 training (2025 Edition) course, participants will be able to:

- Interpret and apply key NFPA 72 requirements using the 2025 edition
- Identify how 2025 changes affect existing and new fire alarm systems
- Understand cybersecurity obligations for modern, networked systems
- Apply updated detector placement, spacing, and survivability rules

- Ensure inspection, testing, and maintenance activities meet current code requirements
- Prepare compliant documentation and records expected by AHJs and auditors
- Recognize system design and operational risks created by non-compliance

WHO SHOULD ATTEND

This NFPA 72 course is intended for professionals responsible for the design, installation, inspection, testing, maintenance, or oversight of fire alarm and signaling systems, including:

- Electrical contractors and fire alarm installers
- Fire alarm technicians and system designers
- Facility managers and building operators
- Engineers and electrical technologists
- Inspectors and AHJ representatives
- Safety managers and compliance personnel
- Maintenance supervisors responsible for life-safety systems

Participants should have a basic understanding of electrical systems or building wiring practices. Prior NFPA 72 experience is helpful but not required.

STUDENTS RECEIVE

- NFPA 72 Training Certificate
- 1.2 Continuing Education Unit (CEU) Credits (12 Professional Development Hours)
- \$100 Coupon Toward any Future Electricity Forum Event (Restrictions Apply)
- FREE Intelligent Power Today Digital Magazine Subscription (Value \$25.00)
- Course Materials in PDF Format

COURSE OUTLINE

NFPA 72 Training Course Outline

DAY ONE

Module 1 – NFPA 72 Scope, Structure, and Code Application

- Purpose, scope, and enforceability of NFPA 72
- Relationship to building codes, fire codes, and electrical codes
- Code organization, definitions, and mandatory vs advisory language

Module 2 – Overview of Fire Alarm and Signaling Systems

- Protected-premises systems
- Supervising-station systems
- Public fire alarm reporting systems
- Household and residential alarm systems

Module 3 – Initiating Devices and Detection Technologies

- Smoke, heat, and multi-criteria detectors
- Manual fire alarm boxes and supervisory devices
- New and emerging detection methods recognized in the 2025 edition
- Application and limitations based on occupancy and environment

Module 4 – Notification Appliances and Signaling

- Audible and visible notification requirements
- Appliance placement, spacing, synchronization, and intelligibility
- Emergency voice/alarm communication considerations

Module 5 – Control Units, Power Supplies, and Circuits

- Fire alarm control units and system interfaces
- Circuit and pathway classifications
- Survivability and system integrity requirements

Module 6 – Emergency Communications and Mass Notification Systems

- ECS system architecture and intent
- Integration with fire alarm systems
- Performance and operational requirements

DAY TWO

Module 7 – Cybersecurity and Remote Access (New 2025 Focus)

- Cybersecurity risks affecting fire alarm systems
- New Chapter 11 requirements
- Remote access controls, authorization, and documentation
- Owner, service provider, and system responsibility

Module 8 – Installation Requirements

- Wiring methods and installation practices
- Grounding, protection, and pathway routing
- Coordination with other building systems

Module 9 – Inspection, Testing, and Maintenance

- Required inspection and testing intervals
- Acceptable methods and documentation
- Handling impairments, failures, and corrective actions

Module 10 – Documentation, Records, and Compliance

- Required design, installation, and testing records
- Owner responsibilities vs contractor responsibilities
- Preparing for audits, inspections, and AHJ review

Module 11 – Applying 2025 Changes to Existing Systems

- Evaluating legacy systems under the new code
- Identifying upgrade and mitigation needs
- Practical compliance strategies

Module 12 – Review, Application, and Q&A

- Interpreting code language in real-world scenarios
- Common compliance pitfalls
- Final discussion and participant questions

Questions and Answers

COURSE TIMETABLE

Start: 10:00 a.m. Eastern Time

Finish: 4:30 p.m. Eastern Time

Contact us Today for a FREE quotation to deliver this course at your company's location.

[Request Quote](#)