



# Federal Signal Training Academy



 **FEDERAL SIGNAL**  
Safety and Security Systems  
*Protecting people and our planet*

# Federal Signal Qualified **Associate**

## **COURSE: FSQA**

This course offers an overview of our alerting and notification products and software. Attendees will gain in depth knowledge of system configuration and operation. This curriculum serves as a hands-on training lab that encompasses a comprehensive summary of Federal Signal equipment functionality.

### **COURSE TOPICS INCLUDE:**

- Company Overview
- Siren Identification and Configuration
- Communication Methods
- Activation/Control Points
- SFCDWARE Commander Training
- Discussing Real World Systems
- SSloader Software
- Basic Diagnostics and Troubleshooting

### **PREREQUISITES:**

- Ability to install software, add and remove programs
- Proficient in Windows Operating system including ability to add/remove software; set up IP address



## Who should attend?

End users with administrative responsibilities for mass notification systems or manufacturer representatives/installers who are new to Federal Signal's Alerting and Notification Product Line.

## Course Duration:

**Two-day course**

# Federal Signal Qualified **Professional**

## **COURSE: FSQP**

Course FSQP offers advanced troubleshooting and maintenance training for mass notification systems, additionally it provides an increased understanding of systems design for special applications.

This curriculum serves as a hands-on training lab that encompasses a comprehensive summary of Federal Signal equipment functionality.

### **COURSE TOPICS INCLUDE:**

- System Design
- Advanced SFCDWARE Commander Training
- System Maintenance
- Special Applications
- Acoustic Characteristics (Understanding SPL)
- Prevention Methods
- Troubleshooting: Sirens, Control Points, and Communications
- Advanced Communications
- IP Networks
- Intensive Hands-on Labs
- System Optimization
- Test Equipment
- RF Basics
- Adjusting Rx/Tx Levels
- Flash Firmware



### **PREREQUISITES**

- FSQA is a pre-requisite
- Basic understanding of IP networks including understanding of ICMP and DNS
- Ability to troubleshoot:
  - RS 232 communications, telecom circuits, and mobile radio programming
  - Two-way radio systems, crimp RF cables, and use spectrum analyzer
  - AC and DC circuits; proficient in using multi-meter

Who should attend?

Anyone responsible for maintaining or troubleshooting a system.

Course Duration:

**Three-day course**



Federal Signal offers customized courses for customers looking for an in-depth perspective on our products, services and solutions. Courses are held at our University Park, Illinois location.

For further information, email us at [Training-ANS@federalsignal.com](mailto:Training-ANS@federalsignal.com) or, visit our services/training pages at [www.alertnotification.com](http://www.alertnotification.com)



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