



**BURGLAR** ESTABLISHED 1981  
**& FIRE ALARM**  
ASSOCIATION OF **MICHIGAN**

**2019**  
**CODE**  
**UPDATE**  
**COURSES**

**18** CONTACT  
HOURS

**FIRE ALARM**  
**SPECIALTY**  
**TECHNICIANS &**

**CODE INSPECTION**  
**OFFICIALS**

# 2019 CODE UPDATE COURSES

## FIRE ALARM SPECIALTY TECHNICIANS & CODE INSPECTION OFFICIALS

This course is designed to provide code updates as required by the Michigan Skilled Trades Act of 2016 for fire alarm specialty technicians. The course has also been recognized by the Michigan Bureau of Construction Codes for continuing education credits under Public Act 54 of 1986 for Building Inspectors, Electrical Inspectors, Building Officials, and Plan Reviewers; and by the Michigan Bureau of Fire Services for continuing education credits under Public Act 207 of 194 for Certified Fire Inspectors. The course satisfies the requirements of the National Institute for Certification in Engineering Technologies (NICET) requirement for 18 contact hours of Continuing Professional Development credits.

### INSTRUCTORS

**Dan Decker**, CFPS, SET is certified by NICET at Level IV in Fire Alarms and Special Hazards and is an NFPA Certified Fire Protection Specialist with over 40 years of experience as a fire alarm contractor

**Rick Boisvert**, CPFS, IAAI-FIT is an NFPA Certified Fire Protection Specialist, and is certified by the International Association of Arson Investigators as a Fire Investigation Technician. Rick is an active Fire Marshal with over 14 years of firefighting experience.

**Bill Anderson** is certified by NICET at Level II in Fire Alarm, Special Hazards and Sprinkler Systems, and has 40 years of experience as a fire alarm contractor.

### SCHEDULE

All courses will be held 8:00am – 5:00pm each day. Registration fee includes lunch on both days.

- March 8–9, Grand Rapids
- April 12–13, Livonia
- May 4–5, Livonia
- September 13–14, Livonia
- November 1–2, Grand Rapids

### LOCATIONS

#### Grand Rapids

Thousand Oaks Golf Club  
4100 Thousand Oaks Drive  
Grand Rapids, MI 49525

#### Livonia

Burton Manor  
27777 Schoolcraft Rd.  
Livonia, MI 48150

## COURSE OUTLINE

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### Fire Alarm Layout and Design

- Required and non-required systems
  - Building Use and Occupancy classifications
  - Building Code requirements by occupancy type
  - Special requirements for specific occupancies
  - Sprinkler system monitoring
  - Fire alarm system requirements by occupancy
- Referenced documents: Michigan Building Code, 2015 edition*

### Fire Alarm Initiating Device Layout and Installation

- Manual pull stations
  - Sprinkler waterflow and supervisory switches
  - Automatic fire detectors
  - Duct smoke detectors and mechanical system interfaces
  - Elevator recall and control
- Referenced documents: Michigan Building Code, 2015 edition; Michigan Elevator Rules, 2010 edition; ASME A17.1 Elevator Code, 2013 edition; NFPA 72 National Fire Alarm Code, 2013 edition*

### Notification Device Layout and Installation

- Audible notification
  - Visible notification
  - Simultaneous operation of audible and visible devices
  - Voice alarm system intelligibility
  - Acoustically Distinguishable Spaces
- Referenced documents: Michigan Building Code, 2015 edition; NFPA 72 National Fire Alarm Code, 2013 edition*

### Fire Alarm Plans and Submittals

- Drawing requirements
  - Equipment data submittals
  - Battery size calculations
  - Voltage drop calculations
  - Interacting with the Authority Having Jurisdiction
- Referenced documents: Michigan Building Code, 2015 edition; NFPA 72 National Fire Alarm Code, 2013 edition*

### Fire Alarm Installation

- Michigan Electrical Code, 2017 edition
  - Michigan Part 8 Code Rules, 2018 edition
  - Electrical Code fire alarm installation requirements
  - Circuits and pathway requirements
- Referenced documents: Michigan Part 8 Rules, 2018 edition; NFPA 70 National Electrical Code, 2017 edition; NFPA 72 National Fire Alarm Code, 2013 edition*

### Fire Alarm Acceptance Testing

*Referenced document: NFPA 72 National Fire Alarm Code, 2013 edition*

### Residential Requirements

*Referenced documents: Michigan Residential Code, 2015 edition; NFPA 72 National Fire Alarm Code, 2013 edition*

### Inspection, Testing and Maintenance Requirements

*Referenced document: NFPA 72 National Fire Alarm Code, 2013 edition*

*Approved by the Bureau of Construction Codes (BCC) Electrical Division Course: Approval Number 20-643423. Submitted for approval to the Bureau of Construction Codes (BCC) for 18 hours technical credit for Building Inspectors, Electrical Inspectors, Building Officials and Plan Reviewers: Approval Number CP-19-00026. Submitted for approval to the Bureau of Fire Services (BFS) for 18 credits for Certified Fire Inspectors: Approval Number 1026-19.*

To ensure registration, all registration forms and payments must be received 15 days before each code update course. Registrations cannot be accepted over the phone.

**Cancellation Policy:** Cancellation must be received 15 days before the registered course begins. Cancellations received after that date will not be refunded. Registrants requesting to change course dates less than 15 days prior to the registered course begin date will be charged a \$50 transfer fee.

# 2019 CODE UPDATE COURSES REGISTRATION FORM

## REGISTRANT INFORMATION

Name *(exactly as it appears on license/registration)*

Address *(as shown on license/registration)*

City

State

Zip Code

Fire Alarm License #    or     BCC/BFS Registration #

E-mail *(confirmations will be sent via e-mail only)*

Dietary Restrictions

## COMPANY INFORMATION

Company Name

Address

City

State

Zip Code

Phone

## COURSE SELECTION

- March 8–9                       April 12–13                       May 4–5  
 September 13–14               November 1–2

## PAYMENT INFORMATION

- Member/Registered Code Official \$150     Non-Member \$200  
 Check payable to BFAAM enclosed  
 VISA               MasterCard               American Express

Card Number

Exp

Cardholder Name

CVV

Billing Address

State

Zip Code

Return completed registration form and payment to BFAAM:  
629 W. Hillsdale St., Lansing, MI 48933  
or fax with credit card payment to 517.485.9408