



**W B F A A**

**Unilateral Apprenticeship and Training Committee**  
333 Washington Blvd. #433, Marina del Rey, CA 90292  
TEL 800/809-0280 www.wbfaa.net info@wbfaa.net

# **WBFAA UATC TEAM PROGRAM**

**Technician Education & Apprentice Management**

**State of California Electrician Certification**

**Fire/Life Safety Technician**

**Continuing Education**

*and*

**Fire/Life Apprentice Technician**

***REGISTER TODAY***

**FOR A COMPLETE FIRE/LIFE SAFETY  
CERTIFIED TECHNICIAN AND APPRENTICESHIP  
MANAGEMENT PROGRAM INCLUDING:**

- State Approved, Statewide Apprentice Program
- Online Training for Apprentices
- Certified Technician Exam Preparation
- Certified Technician Continuing Education Courses
- Certification of Manufacturer Training for Continuing Education
- Member Company Technician Online Management Tools
- Access to Additional Training at a Discount

The WBFAA provides content, courses and administrative management for Certified Technicians for member companies who are required to complete 32 hours of continuing education every three years to renew their certification. The WBFAA is authorized by the State of California to approve continuing education courses.

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# ONLINE COURSES

The following is a list of courses with CEUs from NTS that are available online. The WBFAA reviewed the courses and has approved them for CEH for the purpose of renewal of California State Certification.

Registered Technicians have access to all courses and earn access of one and one half (1 ½) hour for each monthly training fee received (\$25 per month). Continued membership is required for online access.

All courses are one (1) hour except where noted.

## **BASIC FIRE**

Introduction to Basic Fire Alarm Technology  
Basic Fire Alarm Systems & 2 NFPA Standards (2 hours)  
Basic Communication Skills  
Basic Metric Units and Conversions  
Plans, Specifications and Contracts  
Basic Physical Science  
Fire Warning Equipment for Dwelling Units  
Basic Individual Safety  
First Aid Procedures  
Basic Wiring  
Devices and Components  
Periodic Tests  
Basic Electricity  
Basic Working Drawings  
Basic Mathematics  
Installation Practices

## **ADVANCED FIRE**

Fire Protection Plans and Symbols  
Construction Plans  
Specifications and Cost Estimates  
Contracts  
Building Codes  
Insurance Authorities and Their Requirements  
Governmental Agencies  
Protective Premises Fire Alarm Systems  
Auxiliary Fire Alarm Systems  
Remote Station Protective Signaling Systems  
Proprietary Supervising Station Systems  
Basics of System Layout  
Central Station Fire Alarm Systems  
Manual Fire Alarm Systems and Guard's Tour Service  
Heat Sensing Fire Detectors  
Smoke Sensing Fire Detectors  
Flame Sensing Fire Detectors  
Sprinkler Waterflow and Supervisory Devices  
Alarm Notification Appliances  
Basics of Signal Transmission  
Business Communications  
Intermediate Mathematics  
Electrical Installation Standards  
Emergency Voice/Alarm Communications Systems  
Signal Processing

## **ADVANCED FIRE (continued)**

Surveys for Fire Alarm and Detection Systems  
Fire Alarm System Maintenance  
Fire Alarm System Wiring  
Emergency Evacuation Signals  
Combination Systems  
Basic Fire Alarm Systems  
Supervision and Supervisory Service  
Detection Methods  
Detector Spacing  
Power Supplies  
System Acceptance and Periodic Tests  
Severe Storm Testing and Compliance

## **VIDEO SECURITY SYSTEMS**

Video Design Theory  
Multiplexers/Matrix  
Digital Management Systems  
Recorders  
Site Assessment  
Legal  
CCTV System Overview  
Cameras  
Lighting  
Lenses  
Transmission  
Monitors  
Pan/Tilts & Domes  
Switchers and Quads

## **ACCESS CONTROL**

Introduction to Electronic Access Control  
Smart Card Technology

## **PROFESSIONAL DEVELOPMENT**

7 Steps to Workplace Violence Crisis Response Plan  
Business to Business Security Model  
Pre-employment Screening and Background Checking  
Zero Tolerance is Not Enough

## **LOCKS**

C is for Codes: The Importance of Using Door Hardware Appropriately in Life Safety  
Codes and Hardware: Access, Egress and the AHJ  
Door Hardware and Life Safety Issues

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# CLASSROOM COURSES

The following is a list of courses with developed by the WBFAA UATC offered in classroom settings scheduled throughout California as needed. Each full day course provides eight (8) hours of continuing education for the purpose of renewal of California State Certification. Registered Technicians have access to all courses at no fee.

## **WBCEH 0001 – CAL CODE REVIEW, TESTING, INSPECTION, CALIBRATION (8 HOURS)**

1. WBCEH 0001-A (4 HOURS)

Brief review of the 2007 California Building and Fire Codes, with emphasis on Occupancies and the fire alarm and exiting requirements in the Fire Code (4.0)

2. WBCEH 0001-B (2 HOURS)

Testing the components of a fire alarm system (2.0)

3. WBCEH 0001-D (1 HOUR)

Performing a functional smoke detector test and smoke detector calibration tests on both conventional and addressable fire alarm systems (1.0)

4. WBCEH 0001-C (1 HOUR)

Completing the Inspection and Testing form (1.0)

## **WBCEH 0002 (8 HOURS)**

Major changes between the 1999 to the 2002 editions of NFPA 72, including the California State amendments (8.0)

## **WBCEH 0003 – MONITORING, BATTERY, SMOKE DETECTORS, CA ELEC CODE (8 HOURS)**

1. WBCEH 0003-A (1.5 HOURS)

Compare the requirements for a Fire Alarm System for Central Station Service with the requirements for a Remote Supervising Station Fire Alarm System (1.5)

2. WBCEH 0003-B (1 HOUR)

Calculate the standby battery requirements for a fire alarm system and determine the date a battery was manufactured from the date code (1.0)

3. WBCEH 0003-C (2 HOURS)

Spacing and locating spot type smoke and heat detectors (2.0)

4. WBCEH 0003-D (.5 HOURS)

Spacing and locating beam smoke detectors (0.5)

5. WBCEH 0003-E (3 HOURS)

Low voltage sections of the 2007 California Electrical Code (3.0)

## **WBCEH 0004 - UL 864, VOLTAGE DROPS, EVACUATION, RECORDS, METRICS, ADA, CIRCUITS (8 HOURS)**

1. WBCEH 0004-A (1.5 HOURS)

UL 864 Ninth Edition, Control Units and Accessories for Fire Alarm Systems as it affects Notification Appliance Circuits (1.5)

2. WBCEH 0004-B (1.5 HOURS)

Perform voltage drop calculations for a horn/strobe circuit (1.5)

3. WBCEH 0004-C (1.5 HOURS)

Basic voice evacuation information and calculating the voltage drop for a speaker circuit (1.5)

4. WBCEH 0004-D (1 HOUR)

Complete a fire alarm system Record of Completion (1.0)

5. WBCEH 0004-E (1 HOUR)

Understanding the Metric System and how it's affecting our industry (1.0)

6. WBCEH 0004-F (.5 HOURS)

The ADA fire alarm requirements and equivalent facilitation (0.5)

7. WBCEH 0004-G (1 HOUR)

Type of circuits used for fire alarm systems, IDC, SLC, and NAC (1.0)

# APPRENTICE CLASSES

The WBFAA UATC provides six semesters of technical training for apprentice over three years via online training which includes a full day lab for the mid-term and final exams. The curriculum is approved by the State of California Community Colleges through Chabot-Las Positas Community College District.

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## **ENROLLMENT FEES**

**The WBFAA UATC offers a comprehensive education and technician management program for fire/life safety technicians. This includes delivery and certification of continuing education required for renewal of the California Fire/Life Safety Certification card and instruction and management for apprentices.**

**The programs and services are provided at no cost for registered technicians in the WBFAA UATC.**

## **CAFAA MEMBER FEES**

### **MONTHLY TRAINING FEE**

\$25 per technician includes:

- Access to one and one half (1 ½ ) hours of online continuing education per \$25
- No fee for apprentice online classroom instruction
- No fee for WBFAA classroom continuing education
- Credit of \$.15 per hour per technician for public works training trust fund

## **NON-MEMBER FEES**

### **INITIATION FEES (Non-Member of CAA/CAFAA Only)**

\$150 per technician includes:

- Access to nine (9) hours of continuing education
- Technician online portal for certification and education management
- Company portal for certified technician and apprentice management
- Public works reporting and training trust fee management

### **MONTHLY TRAINING FEE**

\$25 per technician includes:

- Access to one and one half (1 ½ ) hours of online continuing education per \$25
- No fee for apprentice online classroom instruction
- No fee for WBFAA classroom continuing education
- Credit of \$.15 per hour per technician for public works training trust fund

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