



**CALBO
TRAINING
INSTITUTE**

**2024 - 2025
ANNUAL TRAINING
CATALOG**

BUILDING

A

STRONGER

CALIFORNIA

WHAT'S INSIDE

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**Register Online
www.CALBO.org**

Welcome Message from CTI

Colleagues, Partners, and Friends of CALBO,

As we step into a new year of exciting opportunities, the CALBO Training Institute (CTI) is gearing up to introduce new learning experiences, including the upcoming Annual Education Weeks. I am thrilled to share with you the recent developments that await us in the realm of building safety education. It is with great pleasure that I announce the upcoming [2024 Education Weeks](#) in Burlingame from September 30 - October 3, 2024 and Costa Mesa from October 28 - 31, 2024. Both hybrid events will offer opportunities to attend courses either virtually or in-person allowing departments to split their staff between the two events.

The Education Weeks promise a diverse array of courses designed to boost your understanding and skills in the ever-changing world of building safety. As we approach the end of the 2022 California code cycle, it is time to shift focus to the core fundamentals, benefiting both new staff and seasoned professionals seeking a refresher. Over two dozen new courses will be launched, so please review the entire catalog prior to registration. There will be new offerings for permit technicians, plan reviewers, inspectors and much more!

Turning our focus to professional development, CALBO will host a week of leadership training in Sacramento in conjunction with [Building Safety month](#) in May 2024. Please check the CALBO website for more details, including the new event, [Building Leaders in Our Profession](#) on May 16. If you are looking to earn CEUs, elevate your leadership abilities, and connect with fellow building safety professionals, do not miss this event that is sure to sell out. Also, in Sacramento that week, [Building Officials Leadership Academy](#) (BOLA) will commence from May 13-17, welcoming twenty new participants. We applaud this group of building safety leaders embarking on this pivotal journey of personal and professional growth.

Building upon the success of last year's launch, the Permit Technician Career Advancement Academy will return in the Fall. The Academy will be hosted in Burlingame, as we transition between Northern and Southern California each year to provide equitable access to this invaluable opportunity. To be added to the waitlist, email the CALBO Office at info@calbo.org. You can also find more information on the [Academy page](#), including common questions and answers.

If you are looking for monthly virtual offerings, a [series of webinars](#) will be held in the Spring and Summer covering new topics, including accessibility, building, electrical, energy, and much more. Additionally, these webinars will discuss the midcycle code changes that take effect July 1, 2024, ensuring that you are equipped with the latest insights and knowledge to navigate the evolving regulatory landscape. Please check the [CALBO Calendar](#) for monthly webinar opportunities.

CTI continues to uphold its status as a leader in quality education as an International Code Council Preferred Provider. This designation underscores our commitment to delivering courses of the highest caliber, ensuring that your educational journey is both enriching and rewarding. All CTI offerings, whether in-person or online, can be utilized towards fulfilling the CEU requirements for your certification renewals. Your dedication to continuous learning is paramount, and we are here to support you every step of the way.

A heartfelt appreciation goes out to the dedicated CTI Commissioners, course developers, and instructors who generously volunteer their time and expertise to create essential and meaningful training. Without your invaluable contributions, CTI would not be able to provide the premier quality education that you deserve. I also wish to express my deepest gratitude to each of you - the CALBO members, esteemed professionals, and industry representatives. Your commitment to building safety excellence drives us forward. Together, let us continue to learn, grow, and innovate as we pave the way for a safer and more resilient future.

Looking forward to a great year ahead,

Bob Latz, CBO
Chair, CALBO Training Institute



2024-2025 CALBO Training Institute Commission

Chair – Bob Latz
CSG Consultants, Inc.

Vice Chair – Raj Patel
JAS Pacific

Commissioner – Frank Bush
City of Los Angeles (Retired)

Commissioner – Sara Retmier
City of Beaumont

Commissioner – Ara Sargsyan
City of Glendale

Commissioner – Brad Wungluck
City of Manteca

2024 Education Weeks Timeline



2024 CTI Education Weeks

Course Schedule and Selections



Course Schedule
and Selections

IMPORTANT REMINDERS

- Daily Attendance**
Each registrant is limited to one course each day
- Daily Course Schedule**
8:00am - 3:30pm
- Registration**
Only online registrations accepted at www.calbo.org
- Attendance Options**
Burlingame: In Person, Virtual
Costa Mesa: In Person, Virtual

Monday Burlingame - September 30 Costa Mesa - October 28	Tuesday Burlingame - October 1 Costa Mesa - October 29	Wednesday Burlingame - October 2 Costa Mesa - October 30	Thursday Burlingame - October 3 Costa Mesa - October 31
Residential Wood-Framed Construction Structural Fundamentals (0.6 CEUs)	2022 CBC Chapter 11B Accessibility for Public Housing Developments (0.6 CEUs)	Residential Plan Review Fundamentals: Code Compliance and Best Practices (0.6 CEUs)	California Accessory Dwelling Units: Navigating Regulations for Compliance (0.6 CEUs)
Solar PV Systems for Single-Family, Commercial and Industrial Installations (0.6 CEUs)	Residential Inspection Fundamentals: Code Compliance and Best Practices (0.6 CEUs)	2022 CBC Chapters 5 and 6: Multi-Story, Wood Buildings and Other Special Provisions (0.6 CEUs)	Fundamentals of Residential Electrical Inspection for Single-Family Dwellings (0.6 CEUs)
Permit Technician Career Advancement: The Core Essentials (0.6 CEUs)	Energy Storage Systems for Single-Family, Commercial and Industrial Installations (0.6 CEUs)	2022 CBC Chapter 11A Accessibility for Privately Funded Multi-Family Dwellings (0.6 CEUs)	State Laws Enforced by Building Departments for 2023-2024 (0.6 CEUs)
Fundamentals of Means of Egress in the 2022 California Building Code (0.6 CEUs)	Permit Technician Career Advancement: How to Properly Screen Plans for Successful Permit Services (0.6 CEUs)	Fundamentals of Residential Plumbing and Mechanical Inspection for Single-Family Dwellings (0.6 CEUs)	2022 CBC and CFC Chapter 9: Navigating Fire Protection and Life Safety Systems (0.6 CEUs)
2022 CBC Chapter 7: Fire-Rated Assemblies, Smoke Protection Features and Opening Protections (0.6 CEUs)	Design, Review and Inspection of Building Sites for Safety and Code Compliance (0.6 CEUs)	Practical Code Enforcement Operations (0.6 CEUs)	Safety Assessment Program: Evaluator and Coordinator Training (0.6 CEUs)

Burlingame Registration Deadline: Thursday, September 19, 2024 at 5:00pm
Costa Mesa Registration Deadline: Thursday, October 17, 2024 at 5:00pm

Education Weeks Outline

If you have questions, please contact the CALBO Office at 916-457-1103 or info@calbo.org.

Burlingame Education Week Venue Summary

- In Person and Virtual Attendance
- Hyatt Regency San Francisco Airport
- Day Self-Parking: \$15.00 per vehicle, per day with special validation
- Overnight Parking: \$15.00 per vehicle, per overnight. *This rate must be requested and is not guaranteed if overnights are NOT booked through the CALBO hotel room block.*

Costa Mesa Education Week Venue Summary

- In Person and Virtual Attendance
- Hilton Orange County/Costa Mesa
- Day Self-Parking: \$10.00 per vehicle, per day with special voucher
- Overnight Self-Parking: \$18.00 per vehicle, per overnight. *This rate must be requested and is not guaranteed if overnights are NOT booked through the CALBO hotel room block.*

Online Registration

Please register online at www.calbo.org. Only online registrations are accepted. Registration is available first-come, first-served until at capacity.

Registration Deadlines

Burlingame Registration Deadline: Thursday, September 19 at 5:00pm sharp, no exceptions
 Costa Mesa Registration Deadline: Thursday, October 17 at 5:00pm sharp, no exceptions

In Person Fees

Full Week (4 full-day courses, same person, same venue)
 Full-Day

Member

\$765.00
 \$225.00

Non-Member

\$965.00
 \$290.00

Virtual Fees

Full Week (4 full-day courses, same person, same venue)
 Full-Day

Member

\$520.00
 \$155.00

Non-Member

\$710.00
 \$205.00

Cancellation Policy/Transfers

Written notification of cancellation must be received by info@calbo.org 7 days prior to the first-day of the event for a refund, minus a 25% processing fee. Any cancellations after this date are not granted, and the registrant is responsible for full payment. No-shows are not refunded. Transfer requests must be emailed 7 days prior to the first-day of the event. After this date, attendance changes from virtual to in-person or in-person to virtual are NOT accepted. All transfer requests or changes are not guaranteed. Contact CALBO as soon as possible for all changes.

Course Schedule

Full-Day Courses: 8:00am - 3:30pm (Each course is 6 hours of instruction - 0.6 CEUs)

Special Needs

CALBO must be notified of any special accommodation or dietary needs at least 15 days prior to the start of the event. Special dietary meal requests are not guaranteed.

Education Weeks Outline (continue)

Technical Requirements for Virtual Attendance

Each virtual attendee is emailed their GoToWebinar personalized link 48 hours before each course to access their online classroom using a desktop, laptop or another electronic device that has a visual and audio component. Please download the GoToWebinar application and use Chrome as your internet browser prior to your course(s).

Virtual Classroom Experience

CALBO has invested in production resources to ensure your virtual experience is second to none. Virtual attendees may use their unique GoToWebinar join link to enter their virtual classroom any time after 7:30am on the course day.

Each course is taught live by a skilled and knowledgeable subject matter expert in front of a live audience. However, we added an additional subject matter expert in the classroom to work with our virtual attendees in real-time. Attendees may pose questions through the chat function on GoToWebinar and expect to receive a response in real-time. This is not a canned experience.

Course Materials

Each attendee is emailed, whether attending in-person or virtually, a link 48-hours before each course to download the instructional materials. Printed materials are not provided to in-person or virtual attendees.

Meals

Each in-person attendee receives morning and afternoon refreshments along with lunch each day.

Breaks

Two ten-minute breaks are offered in the morning at 9:00am and 10:15am along with two ten-minute breaks in the afternoon at 1:15pm and 2:30pm. A full hour break is given for lunch from 11:15am - 12:15pm. These timelines are strictly followed in each classroom. **IMPORTANT:** If attending virtually, please do not log out during the breaks.

Attendance Certificate

Each attendee is emailed their attendance certificate, which is also printable, within 48 hours of each course. All courses are approved by the ICC Preferred Provider Program and most courses are approved by The American Institute of Architects Please check the course descriptions for further information. For six-hour courses, 0.6 CEUs are granted. **IMPORTANT: Virtual attendees must log into their online classroom using their personalized GoToWebinar join link (not course phone number) to watch the entire course to receive credit. Calling into the webinar without using the link to watch the course disqualifies an attendee from earning CEUs and an attendance certificate will not be issued.**

 **If you have questions, please contact the CALBO Office at 916-457-1103 or info@calbo.org.**

2024 CTI Education Weeks

Monday Course Descriptions



2022 CBC Chapter 7: Fire-Rated Assemblies, Smoke Protection Features and Opening Protections - New

ICC PP Course No. 40395 (0.6 CEUs) - In Person

ICC PP Course No. 40396 (0.6 CEUs) - Virtual

AIA Course No. 10: 2024 (6 LU | HSWs)

Learning the fundamental concepts of fire protection mandated for all buildings to ensure compliance with chapter 7 of the California Building Code (CBC) is essential for all building safety professionals. The course increases the overall knowledge of fire-related requirements within Chapter 7 by identifying the acceptable methods and techniques by which buildings can be designed to lower fire risks and contain it. Attendees learn requirements for protection features like fire walls, fire barriers, fire partitions, and horizontal assemblies. Membrane Penetrations and through penetrations of rated assemblies are discussed along with examples using the applicable tables from Chapter 7 of the CBC. Plan check engineers, building inspectors and building officials are encouraged to attend.

Permit Technician Career Advancement: The Core Essentials

ICC PP Course No. 31998 (0.6 CEUs) - In Person

ICC PP Course No. 31999 (0.6 CEUs) - Virtual

This course provides the core essentials that all permit technicians should know for their daily work duties. Attendees learn what to understand for permit requirements, how to maintain records, how to collect permit fees, how to support the inspection process, and how to receive and screen plans and related documents to assist the review process and the public. Attendees are provided with a high-level overview of code administration, history and customer service. The instructor highlights common information covered in the ICC Permit Technician certification exam throughout the course. Attendees also receive a checklist to use daily when receiving plans from the public at the permit center.

Residential Wood-Framed Construction Structural Fundamentals - New

ICC PP Course No. 40362 (0.6 CEUs) - In Person

ICC PP Course No. 40363 (0.6 CEUs) - Virtual

AIA Course No. 12: 2024 (6 LU | HSWs)

This highly visual and engaging course covers wood framing practices, engineering concepts, and code requirements for residential structures. We will put together a wood-framed house nail by nail and explain the structural code provisions using common sense terminology along the way. Attendees gain a solid understanding of wood-framed structures and the skills needed to resolve tough structural situations on plans and in the field. Study topics include: properties of wood as a building material, gravity framing (conventional roofs, roof truss, joists, beams, posts, connections, and foundations), and lateral load path (diaphragms, shear walls, drag struts, and shear transfer connections). The history of residential wood-framed construction is also explored.

2024 CTI Education Weeks

Monday Course Descriptions

continue



Solar PV Systems for Single-Family, Commercial and Industrial Installations - *New*

ICC PP Course No. 40519 (0.6 CEUs) - In Person
ICC PP Course No. 40520 (0.6 CEUs) - Virtual
AIA Course No. 20: 2024 (6 LU | HSWs)

This course provides an overview of single-family, commercial, and industrial installation of Solar Photovoltaic (PV) Systems for compliance with 2022 California codes. Plan reviewers and inspectors are provided with checklist items for today's code requirements and calculations. Discussion includes plan review issues, installation requirements, and field installation challenges faced by today's building department and inspection staff. As Solar PV is constantly evolving, this course updates on the latest standards and industry discussions. Whether you are a new to building safety or seeking to enhance your expertise, this course is designed for plan check engineers, combination building inspectors, electrical inspectors, and design professionals.

Fundamentals of Means of Egress in the 2022 California Building Code - *New*

ICC PP Course No. 40478 (0.6 CEUs) - In Person
ICC PP Course No. 40479 (0.6 CEUs) - Virtual
AIA Course No. 9: 2024 (6 LU | HSWs)

This course outline provides a structured approach to learning the fundamentals of exiting requirements of the 2022 California Building Code, Chapter 10 and the three-part means of egress system. It emphasizes practical methods of reviewing and inspecting egress systems, while also addressing code changes from the California State Fire Marshal's adoption of CBC/CFC Chapter 10 and CCR Title 19. Join us to enhance your knowledge of these critical safety measures within building design and compliance. Permit technicians, building and fire plan reviewers and inspectors are encouraged to attend.



Don't Forget the Registration Deadlines!*

Burlingame: Thursday, September 19, 2024 at 5:00pm

Costa Mesa: Thursday, October 17, 2024 at 5:00pm

***Registrations and changes are not accepted on-site.**

2024 CTI Education Weeks

Tuesday Course Descriptions



2022 CBC Chapter 11B Accessibility for Public Housing Developments - *New*

ICC PP Course No. 40334 (0.6 CEUs) - In Person
 ICC PP Course No. 40335 (0.6 CEUs) - Virtual
 AIA Course No. 17: 2024 (6 LU | HSWs)

This year, CBC Chapter 11B is in the house! This course covers the disabled access provisions of the 2022 California Building Code Chapter 11B for public housing projects. The history of national and California accessibility laws and standards is explored along with a detailed study of the scoping and technical provisions for public housing. This training is packed with illustrations and examples. Attendees gain a practical understanding of the code and answers to the tough accessibility questions. Common area facilities and elements are also covered, including parking, common restrooms, common kitchens, swimming pools, and other spaces. Building officials, plan reviewers, inspectors, designers, architects, and contractors are encouraged to attend.

Permit Technician Career Advancement: How to Properly Screen Plans for Successful Permit Services

ICC PP Course No. 32000 (0.6 CEUs) - In Person
 ICC PP Course No. 32001 (0.6 CEUs) - Virtual

This course provides an overview of best practices for permit technicians to ensure an efficient plan review process. Plans are reviewed to provide attendees with an understanding of various and common types, including civil plans, architectural plans, structural plans, electrical plans, fire protection, landscaping plans, mechanical plans, plumbing plans and sewer plans. Attendees also learn how to identify plan revisions, construction documents prerequisites, and explain symbols and abbreviations. A handy checklist is provided to attendees to use during daily plan screening for permit issuance. New and experienced permit technicians are encouraged to attend to strengthen their plan screening experience and technical knowledge.



Have you decided whether to attend virtually or in person?

Read about what to expect from your virtual or in person attendance on pages 15 & 16.



2024 CTI Education Weeks

Tuesday Course Descriptions continue

Residential Inspection Fundamentals: Code Compliance and Best Practices - New

ICC PP Course No. 40358 (0.6 CEUs) - In Person

ICC PP Course No. 40359 (0.6 CEUs) - Virtual

AIA Course No. 7: 2024 (6 LU | HSWs)

This course is designed for the residential inspector to perform inspections of a newly constructed single-family residence. Attendees learn about the technical portions of the 2022 California Residential Code (CRC) regarding inspections from foundation, shear, framing, roof, plumbing, electrical, etc. Inspection requirements of mechanical, electrical, and plumbing from the underground to final are discussed as well. Course discussion includes a detailed explanation of the different types of required inspections and how they are related. Whether you are just beginning your journey as a residential inspector or are seeking to enhance your expertise, this course provides invaluable insights and knowledge to elevate your inspection skills.

Energy Storage Systems for Single-Family, Commercial and Industrial Installations - New

ICC PP Course No. 40521 (0.6 CEUs) - In Person

ICC PP Course No. 40522 (0.6 CEUs) - Virtual

AIA Course No. 21: 2024 (6 LU | HSWs)

This course provides an overview of single-family, commercial, and industrial installation of Energy Storage Systems (ESS) for compliance with 2022 California codes. Plan reviewers and inspectors are provided with checklist items for today's code requirements and calculations. Discussion includes plan review issues, installation requirements, and field installation challenges faced by today's building department and inspection staff. As ESS is constantly evolving, this course updates on the latest standards and industry discussions. Whether you are a new to building safety or seeking to enhance your expertise, this course is designed for plan check engineers, combination building inspectors, electrical inspectors, and design professionals.

Design, Review and Inspection of Building Sites for Safety & Code Compliance - New

ICC PP Course No. 40336 (0.6 CEUs) - In Person

ICC PP Course No. 40337 (0.6 CEUs) - Virtual

AIA Course No. 11: 2024 (6 LU | HSWs)

This course covers three general topics related to reviewing the safety of building sites. The first is a survey of potential hazards that impact the various geologic environments of California. Geologic hazards are discussed, including landslides and slope instability, surface fault rupture, liquefaction, ground settlement, and expansive soils. The second topic includes geotechnical construction techniques for ordinary and not so ordinary site conditions. Common grading methods are discussed along with slope stabilization, shoring, foundation design, and issues with surface and subsurface drainage. Finally, building codes related to grading and foundation design are discussed and the role of the permitting agency relative to the review of soil and geology reports, inspections, and enforcement.

2024 CTI Education Weeks

Wednesday Course Descriptions



2022 CBC Chapters 5 and 6: Multi-Story, Wood Buildings and Other Special Provisions - *New*

ICC PP Course No. 40474 (0.6 CEUs) - In Person

ICC PP Course No. 40475 (0.6 CEUs) - Virtual

AIA Course No. 13: 2024 (6 LU | HSWs)

This course is intended for design professionals and plan reviewers who want to better understand how to successfully design and review multi-story wood buildings in compliance with the 2022 California Building Code (CBC). Focusing on allowable heights and areas, it covers Chapters 5 and 6 of the 2022 CBC using building examples that differ in terms of their occupancy groups, construction types and design elements. Code sections that are commonly misinterpreted or overlooked as well as changes to Chapter 5 and Chapter 6 are discussed. Building officials, plan reviewers, inspectors, designers, architects, and contractors are encouraged to attend.

2022 CBC Chapter 11A Accessibility for Privately Funded Multi-Family Dwellings - *New*

ICC PP Course No. 40332 (0.6 CEUs) - In Person

ICC PP Course No. 40333 (0.6 CEUs) - Virtual

AIA Course No. 18: 2024 (6 LU | HSWs)

Chapter 11A is widely regarded as the most demanding chapter in the California Building Code (CBC). This course presents a newly updated examination of the 2022 CBC Chapter 11A, exploring scoping and technical provisions along the history and intent of accessible housing regulations. Attendees acquire a practical understanding of accessibility standards for multifamily dwellings, by examining diagrams, practical examples, and real-world scenarios. The mid-cycle amendments are also discussed to get attendees up-to-date on accessibility standards that go into effect on July 1, 2024. Building officials, accessibility plan reviewers, accessibility inspectors, designers, architects, and contractors are encouraged to attend.



Don't Forget the Registration Deadlines!*

Burlingame: Thursday, September 19, 2024 at 5:00pm

Costa Mesa: Thursday, October 17, 2024 at 5:00pm

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2024 CTI Education Weeks

Wednesday Course Descriptions continue



Fundamentals of Residential Plumbing and Mechanical Inspection for Single-Family Dwellings

- New

ICC PP Course No. 40365 (0.6 CEUs) - In Person

ICC PP Course No. 40366 (0.6 CEUs) - Virtual

AIA Course No. 19: 2024 (6 LU | HSWs)

This course is intended to help guide and assist the Authority Having Jurisdiction with the techniques of performing residential plumbing and mechanical inspections from underground, rough, through roof and final. This presentation includes valuable illustrations to help support inspection guidelines to ensure compliance with codes and standards from the California Plumbing and Mechanical Code. Whether you are just beginning your journey as an inspector or are seeking to enhance your expertise, this course provides invaluable insights and knowledge to elevate your residential plumbing and mechanical inspection skills.

Residential Plan Review Fundamentals: Code Compliance and Best Practices

- New

ICC PP Course No. 40388 (0.6 CEUs) - In Person

ICC PP Course No. 40389 (0.6 CEUs) - Virtual

AIA Course No. 8: 2024 (6 LU | HSWs)

Embark on a comprehensive journey exploring the fundamental processes and procedures essential for conducting a comprehensive residential building plan review. Discussion covers identifying minimum information required and reviewing the major components on a building plan set for compliance with the 2022 California Residential Code (CRC). Through exercises, attendees learn the proper application of the CRC to residential construction. Common residential projects encountered by building departments include new construction, remodels, and conversions. This course highlights typical code challenges encountered during plan review to help build an understanding of the intention of the code. Individuals new to plan reviewing or seeking to refine their skills are encouraged to attend.

Practical Code Enforcement Operations - New

ICC PP Course No. 40340 (0.6 CEUs) - In Person

ICC PP Course No. 40341 (0.6 CEUs) - Virtual

This updated course covers practical applications for the enforcement of state and local codes. Topics covered include the proper type of forms necessary and how/when to use them, effective enforcement strategies using both administrative and criminal processes, working with outside entities, such as your agency attorney, police/fire officials and California State Licensing Board (CSLB), and how to structure appeal processes related to code enforcement actions. This course is ideal for anyone who administers a building code or nuisance code program, inspectors, enforcement officers or officials, administrative staff working in support of building department operations.



2024 CTI Education Weeks

Thursday Course Descriptions

California Accessory Dwelling Units: Navigating Regulations for Compliance - New

ICC PP Course No. 40476 (0.6 CEUs) - In Person

ICC PP Course No. 40477 (0.6 CEUs) - Virtual

AIA Course No. 15: 2024 (6 LU | HSWs)

The California Department of Housing and Community Development (HCD) is the state authority on Accessory Dwelling Units (ADUs) and provides local agencies with assistance in verifying local ordinances are compliant with the most current State ADU Laws. This interactive course by HCD provides additional knowledge, tools, and insight of HCD's Accessory Dwelling Unit program, clarifying the nexus between local enforcement agencies and HCD. Attendees learn to effectively use HCD's ADU Handbook, featuring updates and laws effective January 1, 2024, centering on important and misunderstood ADU topics including pre-approved ADU plan programs, unpermitted unit amnesty, fire sprinklers, manufactured homes, front setbacks, destructive inspections, owner-occupancy requirements and much more. This course benefits building and planning department staff members, architects or contractors seeking to understand and effectively implement State ADU laws and regulations.

State Laws Enforced by Building Departments for 2023-2024 - New

ICC PP Course No. 40338 (0.6 CEUs) - In Person

ICC PP Course No. 40339 (0.6 CEUs) - Virtual

This course features a completely new and updated presentation focusing on state codes used in the daily work of building departments. It seeks to provide a better understanding of how state laws are crafted and where to look for state statutes that affect how and why we do much of our work. Focus remains on the Health and Safety Code, Government Code, Business and Professions Code and several other state codes that building departments have responsibilities with. Recent amendments to state law, laws that have been a challenge to implement and enforce, and how to better enforce to ensure compliance are course discussion topics as well.

2022 CBC and CFC Chapter 9: Navigating Fire Protection & Life Safety Systems - New

ICC PP Course No. 40490 (0.6 CEUs) - In Person

ICC PP Course No. 40491 (0.6 CEUs) - Virtual

AIA Course No. 16: 2024 (6 LU | HSWs)

In this comprehensive course, attendees explore fire protection and life safety systems of Chapter 9 in the 2022 California Building Code (CBC) and the 2022 California Fire Code (CFC). The differences between the CBC and CFC are reviewed along with how each work in conjunction to uphold rigorous standards for fire safety in buildings. Attendees gain insight into plan check and inspection requirements for crucial sections such as Alternative Automatic Fire Extinguishing Systems, Emergency Alarm Systems, Fire Pumps and Riser Room Size, Automatic Sprinkler Systems, Fire Alarm and Detection Systems, and more. Perspectives from both Building Departments and Fire Departments are examined, fostering a holistic understanding of the minimum requirements for fire protection and life safety systems based on the type, size, and use of a building.

2024 CTI Education Weeks

Thursday Course Descriptions

continue



Safety Assessment Program: Evaluator and Coordinator Training

ICC PP Course No. 32004 (0.6 CEUs) - In Person
 ICC PP Course No. 32005 (0.6 CEUs) - Virtual
 AIA Course No. 20: 2022 (6 LU | HSWs)

The primary focus of this course is to train building inspectors, architects, and civil engineers to perform field evaluations of buildings and other infrastructure for damage along with how to rate the safety significance of that damage. SAP inspectors will be prepared for disaster assessment and the required documentation. This training is also approved by the Federal Department of Homeland Security for homeland security grant funding and provides local governmental representatives with information on how to estimate the local needs for evaluators and other resources that may be needed in response to a local event, how to request the needed resources, how to effectively manage those resources, and how to manage the information gathered by those resources. Up-to-date materials published by the Governor's Office of Emergency Services (Cal OES) are provided.

Fundamentals of Residential Electrical Inspection for Single-Family Dwellings - New

ICC PP Course No. 40360 (0.6 CEUs) - In Person
 ICC PP Course No. 40361 (0.6 CEUs) - Virtual
 AIA Course No. 14: 2024 (6 LU | HSWs)

Detailed electrical plans for single-family dwellings are often not included with the building plan set rendering compliance verification incumbent on the building inspector. This course covers fundamentals of basic electrical inspection for single-family dwellings. Subjects include: Rough Electrical Inspection, Final Electrical Inspection, Branch Circuits, Electrical Services, Grounding & Bonding, Wiring for the Kitchen, Wiring for Equipment and Appliances, Electrical Load Calculations, Feeders for Detached ADU's, and Wiring for Existing Buildings and Additions. Whether you are new to the electrical code or seeking to enhance your expertise, this course is designed for plan check engineers, combination building inspectors, electrical inspectors, and design professionals.



Ready to Register?

Review the 2024 CTI Education Weeks Online Registration Guide on page 14. You can register for courses online any time!

2024 CTI Education Weeks Online Registration Guide

We hope you'll take advantage of the CALBO Training Institute new and updated courses for your technical and professional advancement. All of the Education Week courses are updated with the 2022 codes to ensure our courses fit your training needs, so don't wait to register.

Secure your spot today by registering instantly using the newly updated online registration portal that makes the process smoother and faster.

**Visit the CTI Education Week
Online Registration Portal
Today!**

- Visit www.calbo.org.
- Under the "Professional Development" tab, click "CALBO Education Weeks Registration".

Education Week Online Registration Portal Advantages

- Available 24 hours – register anytime, anywhere
- Three step registration process – average registration takes less than 3 minutes
- New scroll over feature for courses – scroll over each course title for a description and ICC CEU and AIA LU information
- Register multiple registrants in one online submission
- Up-to-date information about closed courses, if any
- Invoice or credit card payment options available
- Receive registration confirmations instantly – both submitters and registrants will receive confirmation emails
- Ability to pay invoices online using the payment link on each confirmation



If you have registration questions, please contact the CALBO Office at info@calbo.org or 916.457.1103.



2024 CTI Education Week:

Virtual Attendance

What to Expect from your Virtual Attendance?

If you have questions, please contact the CALBO Office at 916-457-1103 or info@calbo.org.

One Week Before Each Course

Download the [GoToWebinar application](#) on an electronic device. Without this application, courses cannot be watched by a virtual attendee. Each attendee must log into their GoToWebinar classroom with their personalized join link and watch the course(s) for credit.

Two Days Before Each Course - GTW Join Link and Materials Link

Each attendee is emailed a personalized GoToWebinar join link and a course material download link 48 hours before each course. Audio and visual can be accessed with the join link. Each join link is unique to each attendee and may NOT be shared with others. Please download and save the course materials as the links expire after each course concludes.

Day of Each Course

Each attendee should use their personalized GoToWebinar join link to enter their online classroom on the course day after 7:30am. Courses start at 8:00am. Audio and visual can be accessed with this link. Please consult the conference program for daily schedule and break times. ***IMPORTANT: Virtual attendees must log into their online classroom using their personalized GoToWebinar join link to WATCH the entire course to receive credit. Logging out of a virtual classroom or calling into a webinar without using the link to watch the course disqualifies an attendee from earning CEUs, thus an attendance certificate will not be issued.***

Virtual Experience

CALBO has invested in production resources to live stream courses from Burlingame and Costa Mesa. Courses are taught live with an additional subject matter expert in the classroom to work with virtual attendees in real-time. Attendees may pose questions through the chat feature on GoToWebinar and expect to receive a response.

Breaks

There are plenty of planned morning and afternoon breaks along with lunch to ensure the ability to stretch and regain focus. Please consult page 5 for the daily break times.

Attendance Certificate

Each attendee is emailed their attendance certificate, which is also printable, within 48 hours of each course. All courses are approved by the ICC Preferred Provider Program and most courses are approved by The American Institute of Architects. For six-hour courses, 0.6 CEUs is granted. Attendees must log into their virtual classroom with their personalized GoToWebinar join link and watch the course for the entire duration to receive credit.

Evaluations

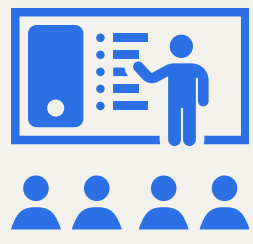
Each attendee is emailed an online course and instructor evaluation after each course concludes to provide feedback about their learning experience.

2024 CTI Education Week:

In Person Attendance

What to Expect from your In Person Attendance?

If you have questions, please contact the CALBO Office at 916-457-1103 or info@calbo.org.



Venue Summary - Burlingame

Hyatt Regency San Francisco Airport
1333 Old Bayshore Hwy | Burlingame, CA | 94010

Day Self-Parking: \$15.00 per vehicle, per day with special validation at CALBO Help Desk.
 Overnight Self-Parking: \$15.00 per vehicle, per overnight. *This discounted rate must be requested and is not guaranteed unless overnights are booked using the CALBO hotel room block.*

Venue Summary - Costa Mesa

Hilton Orange County/Costa Mesa - 3050 Bristol St | Costa Mesa, CA | 92626

Day Self-Parking: \$10.00 per vehicle, per day with special voucher at CALBO Help Desk.
 Overnight Self-Parking: \$18.00 per vehicle, per overnight. *This discounted rate must be requested and is not guaranteed unless overnights are booked using the CALBO hotel room block.*

Two Days Before Each Course

Each attendee is emailed a link to download their course materials 48 hours before each course starts. Please save the materials as the links expire after each course concludes. Tablets, laptops and personal electronic devices are highly encouraged inside the classrooms.

Day of Each Course

In person classrooms open each day at 7:00am. All courses run from 8:00am – 3:30pm.

Course Materials

Please remember that this is a paperless event. Course material links are emailed to attendees 48 hours before each course. Attendees are encouraged to either print their materials or bring a tablet, laptop and personal electronic device to follow the material during the lecture. Each classroom is Wi-Fi enabled. **IMPORTANT: No printed materials are provided by CALBO.**

Breaks and Lunch

There are plenty of planned morning and afternoon breaks along with lunch to ensure the ability to stretch and regain focus. Please consult page 5 for the daily break times.

Attendance Certificate

Each attendee is emailed their attendance certificate electronically, which is also printable, within 48 hours of each course. All courses are approved by the ICC Preferred Provider Program and most courses are approved by The American Institute of Architects. Each in person attendee must sign the course roster inside their classroom each day to receive CEUs. This is the only way to verify in person attendance.

Evaluations

Each attendee is emailed an online course and instructor evaluation after each course concludes to provide feedback about their learning experience.

Thank you

2024-2025 CTI Instructors, Subject Matter Experts and Course Developers!

A Special
Thank You
from CTI!

Paul Armstrong, TRB + Associates, Inc.
Steve Arnold, City of Vallejo
Ciara Barnett, County of Los Angeles
Mike Brinkman, CSG Consultants, Inc.
Amie Brousseau, California Energy Commission
Kevin Brown, City of Los Angeles
Frank Bush, City of Los Angeles (Retired)
Carla Campos, City of Roseville
John Caprarelli, City of Santa Clarita
Jesse De Anda, City of Pasadena
Mazen Dudar, Willdan
Tyler Galli, California Housing and
Community Development
Pete Jackson, City of Bakersfield
Mostafa Kashe, County of Los Angeles
Arfaraz Khambatta,
City and County of San Francisco
Bob Latz, CSG Consultants, Inc.
Ian Livingston, CSG Consultants, Inc.



Kyle Krause, California Housing and
Community Development
David MacLean, Tartan Education
Michael McLaughlin, California Housing
and Community Development
Sue Moe, Access Compliance Consulting
Brian Odom, CSG Consultants, Inc.
Armando Pulido, City of Los Angeles
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Celine Sarkisloo, City of Glendale
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Thank You!

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