

# BUILDING A STRONGER CALIFORNIA



## CALBO TRAINING INSTITUTE 2022-2023 ANNUAL TRAINING CATALOG

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A Special Thank You to CALBO Partners!

WWW.CALBO.ORG



**GET READY  
FOR THE  
2022 CODES**

2022-2023  
CALBO Training Institute  
Commission

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CSG Consultants, Inc.

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Colleagues, Partners, and Friends of CALBO,

We have another great year of training available as we prepare for the new code cycle. The triennial cycle is upon us, with 2022 codes released this summer. The CALBO Training Institute (CTI) is working on various informative, topical and interesting technical offerings for your training needs. We are here to provide a year of valued educational experiences, whether through virtual or in-person attendance at the upcoming Education Weeks or online live webinars. All courses are created to provide practical applications and interpretations, bringing California building departments the finest building-safety training available.

CTI strives to provide all of your staff members with the most robust training programs available, especially this Fall during the Education Weeks, which are outlined in the pages ahead. In collaboration with the CALBO Board, CTI is hosting two hybrid Education Weeks with in-person and virtual attendance options in San Ramon from September 19-22 and Ontario from October 10-13. Over a dozen new courses will be offered by our expert instructors. Special attention has been given to re-vamping permit technician training and developing new 2022 code update courses, including Building Code, Residential Code, Plumbing Code, Mechanical Code, Energy Code, Electrical Code, Accessibility Chapters 11A and 11B, and much more. Such new course development efforts benefit seasoned building-safety department personnel and newly recruited industry members. Please take the time to review the courses listed in this catalog to become familiar with the subjects available to meet your training needs.

Please keep a lookout for additional trainings listed as webinars this Spring and Summer, which will be offered virtually. CTI hopes that virtual offerings provide flexibility for departments and industry to allow staff several options to receive the greatest success throughout the entire year. Thank you for your support through attendance and feedback as we continue to expand and enhance valuable online training opportunities. CTI continues to be the leader in quality education as an International Code Council Preferred Provider. All CTI offerings, whether in-person or online, have been approved and can be used toward the CEU requirements for renewing your certifications.

I would like to thank you, the CALBO members, associated professionals and industry representatives, for your support of all CTI endeavors, especially the hybrid Education Weeks. Thank you to the CTI Commissioners, course developers and instructors, who volunteer their time and expertise to create essential and meaningful programs. Without each of you, CTI would not be able to provide the premier quality education you deserve. If you have any questions regarding the CTI training curriculum, please do not hesitate to reach out to CALBO staff, myself or the CTI Commission.

We look forward to coming together for training and professional development this year!

Sincerely,  
  
Bob Latz, CBO  
Chair, CALBO Training Institute

2022 Education Weeks  
Timeline



# 2022 CTI Education Weeks

## Course Schedule and Selections



### Course Schedule and Selections

#### IMPORTANT REMINDERS



#### Daily Attendance

Each student is limited to one course each day.



#### Daily Course Schedule

8:00am - 3:30pm



#### Registration

Only online registrations accepted at [www.calbo.org](http://www.calbo.org).



#### Attendance Options

San Ramon: In Person, Virtual  
Ontario: In Person, Virtual

Monday San Ramon - September 19 Ontario - October 10	Tuesday San Ramon - September 20 Ontario - October 11	Wednesday San Ramon - September 21 Ontario - October 12	Thursday San Ramon - September 22 Ontario - October 13
2022 California Building Code: Significant Changes (0.6 CEUs)	2022 California Residential Code: Significant Changes (0.6 CEUs)	2022 California Building Code: Significant Changes (0.6 CEUs)	2022 California Residential Code: Significant Changes (0.6 CEUs)
2022 CBC Chapter 11A: Privately-Funded Multi-Family Dwelling Accessibility (0.6 CEUs)	2022 CBC Chapter 11B Accessibility in Public Buildings, Public Accommodations and Commercial Buildings (0.6 CEUs)	Means of Egress in the 2022 California Building Code (0.6 CEUs)	Solar Photovoltaic and Energy Storage Systems: Inspection Fundamentals (0.6 CEUs)
Understanding Wildfire Risk Reduction for California Communities (0.6 CEUs)	Swimming Pools and Spas (0.6 CEUs)	Code Enforcement Building Blocks for California Building Departments (0.6 CEUs)	2022 California Energy Code: Residential and Nonresidential Fundamentals (0.6 CEUs)
2022 California Electrical Code: Significant Changes (0.6 CEUs)	2022 California Mechanical Code: Residential and Commercial Inspection Fundamentals (0.6 CEUs)	2022 California Plumbing Code: Residential and Commercial Inspection Fundamentals (0.6 CEUs)	Safety Assessment Program: Evaluator and Coordinator Training (0.6 CEUs)
Permit Technician Career Advancement: The Core Essentials (0.6 CEUs)	Permit Technician Career Advancement: How to Properly Screen Plans for Successful Permit Services (0.6 CEUs)	California Accessory Dwelling Units of Today and Tomorrow: What We've Seen and What's to Come (0.6 CEUs)	Streamlining Residential Plan Review (0.6 CEUs)



**San Ramon Registration Deadline: Thursday, September 8, 2022 at 5:00pm**  
**Ontario Registration Deadline: Thursday, September 29, 2022 at 5:00pm**

# Education Week Outline

If you have questions, please contact the CALBO office at 916-457-1103 or [info@calbo.org](mailto:info@calbo.org).



## San Ramon Venue Summary

### September 19-22, 2022 - San Ramon Education Week

- In Person and Virtual Attendance
- San Ramon Marriott - 2600 Bishop Drive San Ramon, CA 94583
- Day Parking: Complimentary, Overnight Parking: \$6.00 per vehicle, per day



## Ontario Venue Summary

### October 10-13, 2022 - Ontario Education Week

- In Person and Virtual Attendance
- DoubleTree by Hilton Hotel Ontario Airport - 222 North Vineyard Avenue Ontario, CA 91764
- Day Parking: Complimentary, Overnight Parking: \$10.00 per vehicle, per day



## Online Registration

Please register online at [www.calbo.org](http://www.calbo.org). Only online registrations will be accepted. Registration is available first-come, first-served until at capacity.



## Registration Deadlines

San Ramon Registration Deadline: **Thursday, September 8 at 5:00pm sharp, no exceptions**  
Ontario Registration Deadline: **Thursday, September 29 at 5:00pm sharp, no exceptions**



## In Person Fees

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

### Member

\$645  
\$195

### Non-Member

\$830  
\$250



## Virtual Fees

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

### Member

\$445  
\$130

### Non-Member

\$600  
\$175



## Cancellation Policy/Transfers

Written notification of cancellation or registration transfer to another staff member must be received 7 days prior to the first-day of the event for a refund, minus a 25% processing fee. Any cancellations or transfers after this date are not granted, and the registrant is responsible for full payment. No-shows will not be refunded.



## 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 without prior notification. All in-person registrants who submit a special dietary request will receive a special lunch ticket on-site at the event.

# Education Week Outline (continue)

## ➤ Technical Requirements for Virtual Attendance

Virtually attendees receive their emailed 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. Registrants may use their unique link to enter their virtual classroom any time after 7:30am for full-day courses.

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 registrant, whether attending in-person or virtually, will receive a link 48-hours before each course to download the instructional materials. Printed materials are not be provided to in-person or virtual attendees.

## ➤ Meals

Each in-person full-day registration receives morning and afternoon refreshments along with lunch.

## ➤ Classroom 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.

## ➤ Certificate of Attendance

Each attendee receives their attendance certificate(s) electronically, which can also be printed, within 48 hours of each course. Each course is approved by the ICC Preferred Provider Program, and most courses are approved by American Institute for Architects. Please check the course descriptions for further information. For six-hour courses, 0.6 CEUs are granted.

**IMPORTANT:** Virtual attendees must log in to their online classroom using their personalized link (not course phone number) to watch the entire course to receive credit. If you log out or only call into the webinar, your attendance is not recorded; you will not receive an attendance certificate or CEUs.



# 2022 CTI Education Weeks

## Monday Course Descriptions



### **2022 California Building Code: Significant Changes - *New Course***

ICC PP Course No. 31883 (0.6 CEUs) - In Person

ICC PP Course No. 31884 (0.6 CEUs) - Virtual

AIA Course No. 14: 2022 (6 LU | HSWs)

This course examines the significant non-structural revisions to the latest California Building Code (CBC). The course is conducted in a workshop format with the instructor and attendees participating in active discussions of the revisions. The course highlights those areas that have been revised from the 2019 CBC with other code topics welcomed for discussion; chapter 11A and 11B topics are not covered in-depth. Building officials, architects, designers, engineers, plans examiners, field inspectors, and counter technicians are encouraged to attend. The course is appropriate for experienced and not-so-experienced users of the CBC. All attendees receive a digital version of the joint CALBO/ICC publication.

### **2022 CBC Chapter 11A: Privately-Funded Multi-Family Dwelling Accessibility - *New Course***

ICC PP Course No. 31688 (0.6 CEUs) - In Person

ICC PP Course No. 31689 (0.6 CEUs) - Virtual

AIA Course No. 12: 2022 (6 LU | HSWs)

Chapter 11A is considered by many to be the most challenging chapter in the California Building Code (CBC). This course provides a newly updated comprehensive study of the 2022 CBC Chapter 11A scoping and technical provisions along with the history and intent of accessible housing regulations. Attendees gain a practical understanding of accessibility for covered multifamily dwellings through diagrams, examples and real-world scenarios. Building officials, accessibility plan reviewers, accessibility inspectors, designers, architects, and contractors are encouraged to attend.

### **2022 California Electrical Code: Significant Changes - *New Course***

CC PP Course No. 32002 (0.6 CEUs) - In Person

ICC PP Course No. 32003 (0.6 CEUs) - Virtual

AIA Course No. 19: 2022 (6 LU | HSWs)

Be ready for the changes and new requirements in the 2022 California Electrical Code, which goes into effect on January 1, 2023. This course reviews the most significant updates, including ground-fault circuit interrupters, lighting load calculations, reconditioned equipment, swimming pool requirements and revised definitions for fault current. Updates to specialty topics, including electric vehicle charging systems, solar photovoltaic systems and energy storage systems, are also presented. This course is designed for plan check engineers, combination building inspectors, electrical inspectors and design professionals.

# 2022 CTI Education Weeks

## Monday Course Descriptions

### continue



### **Permit Technician Career Advancement: The Core Essentials - *New Course***

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.

### **Understanding Wildfire Risk Reduction for California Communities - *New Course***

ICC PP Course No. 31686 (0.6 CEUs) - In Person

ICC PP Course No. 31687 (0.6 CEUs) - Virtual

AIA Course No. 13: 2022 (6 LU | HSWs)

Today's wildfire environment has changed, allowing for longer fire seasons with more intense and destructive wildfires. Climate change, land use, fire suppression, population growth, and other factors have contributed to putting millions of homes and hundreds of communities at extreme risk of wildfire. During this course, CAL FIRE personnel will present the latest in wildfire science and research, statutes, and codes, and best management practices for living and building in wildfire-prone areas. The 2022 California Building Code: Chapter 7A requirements for exterior protection of structures and the 2022 California Fire Code: Chapter 49 defensible space requirements intended to mitigate wildfire hazards are also discussed. Building and enforcement professionals interested in gaining knowledge on identifying your community's wildfire hazards, risks, and mitigation strategies are encouraged to attend.



**Don't Forget the Registration Deadlines!\***

**San Ramon: Thursday, September 8, 2022 at 5:00pm**

**Ontario: Thursday, September 29, 2022 at 5:00pm**

**\*Registrations and changes will not be accepted on-site.**

# 2022 CTI Education Weeks

## Tuesday Course Descriptions



### 2022 California Residential Code: Significant Changes - *New Course*

ICC PP Course No. 31881 (0.6 CEUs) - In Person  
ICC PP Course No. 31882 (0.6 CEUs) - Virtual  
AIA Course No. 15: 2022 (6 LU | HSWs)

This course examines the significant revisions to the latest California Residential Code (CRC). The course is conducted in a workshop format with the instructor and attendees participating in active discussions of the revisions. The course highlights those areas that have been revised from the 2019 CRC with other code topics always welcomed. Building officials, architects, designers, engineers, plans examiners, field inspectors and counter technicians are encouraged to attend. All attendees receive a digital version of the joint CALBO/ICC publication.

### 2022 California Mechanical Code: Residential and Commercial Inspection Fundamentals - *New Course*

ICC PP Course No. 31677 (0.6 CEUs) - In Person  
ICC PP Course No. 31678 (0.6 CEUs) - Virtual  
AIA Course No. 10: 2022 (6 LU | HSWs)

This course provides a comprehensive overview and a step-by-step process of performing all mechanical inspections on residential and commercial projects from first to final inspection while identifying what should be found for each stage. Basics of the 2022 California Mechanical Code are covered along with code requirements ranging from the underground to the final inspection. This course helps the inspector identify and prioritize mechanical corrections. The material covers the most common corrections found in the field, relevant code sections and a breakdown of navigating the codebook by its chapters. This simplified yet systematic approach to mechanical inspection also touches on concurring code considerations, such as Zoning and Energy Code requirements.



**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.**





# 2022 CTI Education Weeks

## Tuesday Course Descriptions continue

### **2022 CBC Chapter 11B Accessibility in Public Buildings, Public Accommodations and Commercial Buildings: History, Use and Updates - *New Course***

ICC PP Course No. 31991 (0.6 CEUs) - In Person

ICC PP Course No. 31992 (0.6 CEUs) - Virtual

AIA Course No. 18: 2022 (6 LU | HSWs)

This course provides attendees with a working understanding of the disabled-access provisions of the 2022 California Building Code: Chapter 11B, presenting on selected administrative, scoping and updated technical requirements. Supporting documents, tools of the trade, and inspection techniques are explored throughout the course. Attendees gain a practical understanding of topics through detailed illustrations, photos, and examples. Building officials, accessibility plan reviewers, accessibility inspectors, designers, architects, and contractors are encouraged to attend.

### **Swimming Pools and Spas - *Newly Updated***

ICC PP Course No. 32006 (0.6 CEUs) - In Person

ICC PP Course No. 32007 (0.6 CEUs) - Virtual

AIA Course No. 21: 2022 (6 LU | HSWs)

This course covers the electrical requirements in the 2022 California Electrical Code, Article 680, for permanently installed swimming pools, storable swimming pools, spas, hot tubs and fountains. Topics covered include wiring methods, grounding and bonding, lighting and receptacle locations, motors and GFCI requirements. Also, students learn an overview of the plumbing, mechanical and pool barrier requirements. Discussion also includes suction fittings and pumps, heaters, luminaires, pool access (fencing, gates, pool covers, and pool alarms) and location of various equipment. This information is essential for both installers and inspectors to ensure life safety in and around these wet locations where the combination of water, electricity and personnel demand a hazard-free experience.

### **Permit Technician Career Advancement: How to Properly Screen Plans for Successful Permit Services - *New Course***

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.

# 2022 CTI Education Weeks

## Wednesday Course Descriptions



### **2022 California Building Code: Significant Changes - *New Course***

ICC PP Course No. 31883 (0.6 CEUs) - In Person

ICC PP Course No. 31884 (0.6 CEUs) - Virtual

AIA Course No. 14: 2022 (6 LU | HSWs)

This course examines the significant non-structural revisions to the latest California Building Code (CBC). The course is conducted in a workshop format with the instructor and attendees participating in active discussions of the revisions. The course highlights those areas that have been revised from the 2019 CBC with other code topics welcomed for discussion; chapter 11A and 11B topics are not covered in-depth. Building officials, architects, designers, engineers, plans examiners, field inspectors, and counter technicians are encouraged to attend. The course is appropriate for experienced and not-so-experienced users of the CBC. All attendees receive a digital version of the joint CALBO/ICC publication.

### **California Accessory Dwelling Units of Today and Tomorrow: What We've Seen and What's to Come - *Newly Updated***

ICC PP Course No. 27652 (0.6 CEUs) - In Person

ICC PP Course No. 27653 (0.6 CEUs) - Virtual

AIA Course No. 13: 2021 (6 LU | HSWs)

This course reviews the recent history of and emerging trends in attached and detached accessory structures, such as accessory dwelling units (second unit dwellings) (ADUs), junior accessory dwelling units (JADUs), garage conversions, granny flats, and much more. Conventional construction requirements and prescriptive structural and non-structural requirements for ADUs are discussed, including references to the 2022 California Residential Code. Building officials, building inspectors, permit technicians, and plans examiners are encouraged to attend to become familiar with the current requirements of California law related to ADUs to understand local jurisdiction authority to regulate these structures and how ADUs are distinguishable from other types of new alternative housing styles. This course provides an overview of ADU framework of today and tomorrow that continues to evolve, including resources and checklist examples created by building departments throughout California.



**Don't Forget the Registration Deadlines!\***

**San Ramon: Thursday, September 8, 2022 at 5:00pm**

**Ontario: Thursday, September 29, 2022 at 5:00pm**

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# 2022 CTI Education Weeks

## Wednesday Course Descriptions

### continue



### **2022 California Plumbing Code: Residential and Commercial Inspection Fundamentals - *New Course***

ICC PP Course No. 31679 (0.6 CEUs) - In Person

ICC PP Course No. 31680 (0.6 CEUs) - Virtual

AIA Course No. 9: 2022 (6 LU | HSWs)

This course provides the process and techniques of performing both residential and commercial plumbing inspections from underground, rough and through final. Basics of the 2022 California Plumbing Code requirements are covered along with how to navigate the code book, inspection procedures and meeting minimum compliance while conducting an inspection. The material is intended to be practical and covers the most common corrections found in the field, their relevant code sections and a break down navigating the code book by its chapters. This course is to help guide and assist the Authority Having Jurisdiction while inspecting different types of plumbing systems.

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

ICC PP Course No. 31968 (0.6 CEUs) - In Person

ICC PP Course No. 31969 (0.6 CEUs) - Virtual

AIA Course No. 16: 2022 (6 LU | HSWs)

This course explains the basic exiting requirements of the 2022 California Building Code: Chapter 10 as well as the general requirements and explanation of the three-part means of egress system. Attendees learn practical methods of reviewing and inspecting egress systems. Permit technicians, building and fire plan reviewers, inspectors, and anyone interested in learning more about egress are encouraged to attend. This course clarifies the code changes from the California Fire Marshal's adoption of CBC/CFC Chapter 10 and CCR Title 19.

### **Code Enforcement Building Blocks for California Building Departments - *New Course***

ICC PP Course No. 31690 (0.6 CEUs) - In Person

ICC PP Course No. 31691 (0.6 CEUs) - Virtual

This updated course covers practical applications for the enforcement of California 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. Updates include information on state laws affecting building permitting and the ever-evolving area of marijuana regulation. This course is ideal for anyone who administers a building code or nuisance code program, enforcement officers or officials, administrative staff working to support building department operations and building inspectors.

# 2022 CTI Education Weeks

## Thursday Course Descriptions



### **2022 California Residential Code: Significant Changes - New Course**

ICC PP Course No. 31881 (0.6 CEUs) - In Person  
 ICC PP Course No. 31882 (0.6 CEUs) - Virtual  
 AIA Course No. 15: 2022 (6 LU | HSWs)

This course examines the significant revisions to the latest California Residential Code (CRC). The course is conducted in a workshop format with the instructor and attendees participating in active discussions of the revisions. The course highlights those areas that have been revised from the 2019 CRC with other code topics always welcomed. Building officials, architects, designers, engineers, plans examiners, field inspectors and counter technicians are encouraged to attend. All attendees receive a digital version of the joint CALBO/ICC publication.

### **Solar Photovoltaic and Energy Storage Systems: Inspection Fundamentals - New Course**

ICC PP Course No. 31683 (0.6 CEUs) - In Person  
 ICC PP Course No. 31682 (0.6 CEUs) - Virtual  
 AIA Course No. 11: 2022 (6 LU | HSWs)

This course is an overview of inspection fundamentals for residential and commercial solar photovoltaic (PV) systems. Plan reviewers and inspectors are provided with technics for reviewing solar PV and energy storage systems (ESS) plans for compliance with California codes, including ADUs. Special attention is given to inspection issues and inspection technics of these systems. Attendees learn how to confirm that the submitted plans were properly followed and recognize common field mistakes. A brief overview of the upcoming 2022 code changes for PV systems and ESS is also discussed. As solar PV and ESS are constantly evolving, this course updates on the latest codes and inspection procedures.

### **2022 California Energy Code: Nonresidential, Single-Family and Multifamily Significant Changes - New Course**

ICC PP Course No. 32035 (0.6 CEUs) - In Person  
 ICC PP Course No. 32036 (0.6 CEUs) - Virtual  
 AIA Course No. 22: 2022 (6 LUs)

This course provides an overview of the significant changes to the 2022 Energy Code requirements for nonresidential, single-family and multifamily buildings scheduled to go into effect on January 1, 2023. Topics discussed include heat pumps, electric ready for mixed-fuel buildings, ventilation and indoor air quality, duct sealing, solar PV and battery storage, controlled environmental horticulture spaces, indoor and outdoor lighting systems, grid integration equipment and the new multifamily sections. Information is also provided about 2022 Energy Code resources and tools.

# 2022 CTI Education Weeks

## Thursday Course Descriptions

### continue



### **Safety Assessment Program: Evaluator and Coordinator Training - *Newly Updated***

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.

### **Streamlining Residential Plan Review - *New Course***

ICC PP Course No. 31982 (0.6 CEUs) - In Person

ICC PP Course No. 31983 (0.6 CEUs) - Virtual

AIA Course No. 17: 2022 (6 LUs)

This course highlights the primary concepts required for performing a comprehensive residential plan review, including the coordination of the various trades. Attendees begin by identifying the minimum information required on the building plan set and progress to reviewing the major components of the site plan, floor plan, roof plan, elevations, sections, title-24 forms, foundation detailing, and framing plan to verify code compliance. Whether it is a new home, an accessory dwelling unit, a room addition, a patio enclosure, or a garage conversion, this course highlights typical code challenges that may be encountered during plan review to help build an understanding of the intention of the code. To enhance customer service, attendees are also shown how to anticipate existing conditions that may have code impacts on the proposed construction of additions, remodels, and garage conversions.



### **Ready to Register?**

**Review the 2022 CTI Education Weeks Online Registration Guide on page 14. You can register for courses online any time!**



# 2022 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.

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

- Visit [www.calbo.org](http://www.calbo.org).
- Under the "Professional Development" tab, click "CALBO Education Weeks Registration".

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

## 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](mailto:info@calbo.org) or 916.457.1103.

# 2022 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](mailto:info@calbo.org).



#### ➤ One Week Before Each Course

Please download the **GoToWebinar application** on your electronic device. Without the application, you will not be able to watch your courses. Every attendee must log into their GoToWebinar classroom with their personalized link and watch the course(s) for credit.

#### ➤ Two Days Before Each Course

You will receive a personalized GoToWebinar link 48 hours before each course you registered to attend. Audio and visual can be accessed with the link. These links are unique to you and may NOT be shared with others. You will also receive unique links to download your course materials as well. Please save the materials to your files as the material links will expire after each course concludes.

#### ➤ The Day of Each Course

You may use your unique link to enter your GoToWebinar online classroom each day at any time after 7:30am. Audio and visual can be accessed with the link. Please consult the conference program for the daily schedule and break times. **IMPORTANT: Virtual attendees must log in to their online classroom using their personalized link to WATCH the entire course to receive credit. If you log out or only call into the webinar with audio-only, your attendance is NOT recorded and you will not receive CEUs.**

#### ➤ Virtual Experience

CALBO has invested in production resources to live stream courses from San Ramon and Ontario. 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 will be plenty of morning and afternoon breaks to ensure your ability to stretch and regain focus. Please consult page 5 for the daily break times.

#### ➤ Attendance Certificate

Each attendee will receive their attendance certificate electronically, which is also printable, within 48 hours of each course. Each course is approved by the ICC Preferred Provider Program and most courses are approved by American Institute for Architects. For six-hour courses, 0.6 CEUs will be granted. Attendees must be logged into their virtual classroom and watch the course for the entire duration to receive credit.

#### ➤ Evaluations

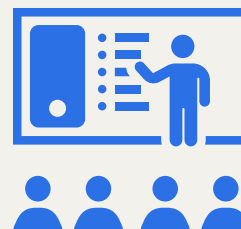
Every attendee will receive a link for each course to complete an online course and instructor evaluation to ensure that the course(s) met your expectations.

# 2022 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](mailto:info@calbo.org).



#### ➤ Venue Summary - San Ramon

San Ramon Marriott

2600 Bishop Drive San Ramon, CA 94583

Day Parking: Complimentary, Overnight Parking: \$6.00 per vehicle, per day

#### ➤ Venue Summary - Ontario

DoubleTree by Hilton Hotel Ontario Airport

222 North Vineyard Avenue Ontario, CA 91764

Day Parking: Complimentary, Overnight Parking: \$10.00 per vehicle, per day

#### ➤ Two Days Before Each Course

CALBO will email the course materials to download 48 hours before each course. Please save the materials to your files as the material links will expire after each course concludes. Tablets, laptops and personal electronic devices are highly encouraged. Wi-fi will be available in each classroom at each venue.

#### ➤ Day of Each Course

You may enter your classroom any time after 7:00am. All courses run from 8:00am – 3:30pm.

#### ➤ Course Materials

All course materials will be emailed to students 48 hours before each course. **IMPORTANT: No printed materials will be provided by CALBO.** Attendees are encouraged to either print their materials themselves or bring a tablet, laptop and personal electronic device to follow the material during the lecture. Wi-fi will be available in each classroom.

#### ➤ Breaks and Lunch

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

#### ➤ Attendance Certificate

Each attendee will receive their attendance certificate electronically, which is also printable, within 48 hours of each course. Each course is approved by the ICC Preferred Provider Program and most courses are approved by American Institute for Architects. Please check our website for specific course information. For six-hour courses, 0.6 CEUs will be granted.

#### ➤ Evaluations

Every attendee will receive an online link for each course to complete an online course and instructor evaluation to ensure that the course(s) met your expectations.

# Thank you

## 2022-2023 CTI Instructors, Subject Matter Experts and Course Developers!

A Special  
Thank You  
from CTI!

Greg Anderson, CALFIRE/Office of the State Fire Marshal

Paul Armstrong, TRB + Associates, Inc.

Ciara Barnett, County of Los Angeles

Bob Bland, City of Los Angeles

Amie Brousseau, California Energy Commission

Frank Bush, City of Los Angeles (Retired)

John Caprarelli, City of Santa Clarita

Jesse De Anda, City of Thousand Oaks

Shane Diller, City of Elk Grove

Rick English, English Pool Consulting

Gil Estrada, City of Cathedral City

Brian Frenger, CSG Consultants, Inc.

Ed Garcia, City of Los Angeles

Pete Goodrich, Willdan

Steve Hawks, CALFIRE/Office of the State Fire Marshal

Ara Hagnazarian, City of Los Angeles

Mostafa Kashe, County of Los Angeles

Bob Latz, CSG Consultants, Inc.

David MacLean, City of Los Angeles (Retired)



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[www.calbo.org](http://www.calbo.org).**

Sue Moe, Access Compliance Consulting

Greg Nickless, California Department of

Housing and Community Development

Chris Olvera, California Energy Commission

Armando Pulido, City of Los Angeles

Raj Patel, JAS Pacific

Javier Perez, California Energy Commission

Sara Retmier, City of Beaumont

Michael Ricci, County of Los Angeles

Dominique Samario, City of Menifee

Mehdi Shadyab, City of San Diego

Brent Smith, City of Oakley

Andrew Stuffer, City of Santa Barbara (Retired)

Ron Takiguchi, City of Pasadena

Rosa Tapia, City of Elk Grove

George Thomas, County of Santa Cruz

Brad Wungluck, City of Manteca

# Thank you

## 2022-2023 CALBO Partners for Your Continual Unwavering Support!

Thank You  
CALBO  
Partners!

As we progress toward a new normal, CALBO continues to prevail and it's due greatly to the unwavering support of CALBO's Partners. Each of these sponsors makes an annual commitment – to show up, to pitch in and to partner with CALBO in promoting the very best of our profession. Our sponsors' commitment to our profession through CALBO was unprecedented.

Please join CALBO in giving thanks to each of these sponsors for their demonstrated commitment to our profession. Please support those, who support CALBO, even in times of change and uncertainty. Looking forward to a wonderful membership year ahead!



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