

CALBO Training Institute

2019-2020 ANNUAL TRAINING CATALOG



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Building a Stronger California

REGISTER ONLINE
www.calbo.org

Message from CTI

Colleagues and Friends of CALBO,



2019-2020 CTI Commission

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Regional Manager
CSG Consultants, Inc.

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City Building Official
City of Beverly Hills

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Building Official
City of Hemet

COMMISSIONER | Brent Smith
Chief Building Official
City of Livermore

We have another great year of training available this year as we prepare for another new code cycle. The CALBO Training Institute (CTI) has developed and prepared a variety of technically informative and interesting courses for your training needs. We are here to provide a year of valued educational experiences whether at the Education Weeks or through Independent Offerings throughout California. All courses have been created to provide practical applications and interpretations bringing California building departments the finest building-safety training available.

This year CTI has been focused on bringing you the latest updates through code changes that will benefit both seasoned building-safety department personnel and newly recruited industry members. Please take the time to review the courses listed in this catalogue to find what best suits your training needs. Each course listed has a course title and description to help you during the registration process. If you have any questions regarding the Education Week curriculum, please do not hesitate to reach out to CALBO staff, myself or the CTI Commission.

With this being a code change year, CTI knows the importance of getting all of your staff members into the classroom. For the first time, CTI is hosting four Education Weeks in Newport Beach, San Ramon, Ontario and Burlingame in the upcoming fall and winter. Please keep a look out for other trainings listed as Independent Offerings this spring, summer and winter that are hosted by jurisdictions throughout California. CTI hopes that an expansion of Education Weeks and Independent Offerings provides flexibility for departments and industry companies to send their staff between venues allowing more time in the classroom throughout the entire year. Thank you for your support through attendance and feedback as we continue to expand valuable training opportunities.

CTI continues to be a leader in quality education as an International Code Council Preferred Provider. Each CTI course has been approved and can be used toward the CEU requirements for renewing your certifications.

This year's Building Officials Leadership Academy (BOLA) graduating class of 2019-2020 started their program in April at the University of Southern California State Capital Center in Sacramento. CTI applauds the students for taking the next step in advancing their careers. Congratulations once again to the BOLA Class of 2018-2019 who graduated at the CALBO Annual Business Meeting in San Diego. Your hard work paid off, and we look forward to seeing what you achieve in the future.

I would personally like to thank you—CALBO members, consultants, and industry representatives for your support of all CTI endeavors, especially 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.

We look forward to seeing all of you as we come together for training and professional development this year!

Sincerely,

Bob Latz
CTI Chair
Regional Manager
CSG Consultants, Inc.



 **Registration is available online at www.calbo.org or use this form.**

1 General information.

Please complete below and select the course(s) you would like to attend on the back of this page. Send both sides of the registration form, along with payment method, to the address listed below.

 FULL NAME TITLE

 JURISDICTION/COMPANY

 PHONE EMAIL **IMPORTANT! Confirmations will be sent by email.**

2 Register and select program.

CALBO Member: Yes No I will attend: Newport Beach San Ramon Ontario Burlingame
 Current BOLA Student: Yes

| Program Selections | CALBO Member | Non-Member | Amount Due |
|---|--------------|--------------|------------|
| Full Week (4 full-day courses, same person) | \$645 | \$830 | _____ |
| Full Day | \$195 | \$250 | _____ |
| One Half-Day | \$140 | \$165 | _____ |
| Two Half-Days (same day, same person) | \$195 | \$250 | _____ |
| | | TOTAL | _____ |

All courses are full-day unless otherwise noted. Full-day courses are scheduled for 8:00 am – 3:30 pm. Half-day courses are scheduled for 8:00 am – 11:15 am and 12:15 pm – 3:30 pm. Certificates will be given to registrants who stay for complete courses only, no exceptions. Each course has been approved by the ICC Preferred Provider Program.

Registration begins each morning at 7:00 am. Morning refreshments will be available at 7:00 am. Morning refreshments include coffee and light breakfast foods. Please plan to arrive in time to be seated in class at 8:00 am.

Lunch is provided to all full-day registrants. Lunch will be 11:15 am – 12:15 pm. Morning and afternoon refreshments will be provided to both half-day and full-day registrants.

VEGETARIAN MEALS:
 Please check here if you prefer vegetarian meals.

3 Select method of payment.

CREDIT CARD: VISA, AMEX or Mastercard ONLY

 CREDIT CARD NUMBER EXPIRES CVC#

 BILLING ADDRESS

 CITY STATE ZIP

 NAME ON CARD

 SIGNATURE

INVOICE / PURCHASE ORDER:


 INVOICE / PO NUMBER

 NAME OF PAYMENT CONTACT


 PHONE / EMAIL OF PAYMENT CONTACT

 **REGISTRATION DEADLINES:**
Newport Beach:
 Tuesday, August 13, 2019
San Ramon:
 Tuesday, August 27, 2019
Ontario:
 Tuesday, October 1, 2019
Burlingame:
 Tuesday, December 3, 2019

SEND FORM WITH PAYMENT TO:

 California Building Officials
 1022 G Street
 Sacramento, CA 95814

 **Email:** info@calbo.org

 **Cancellations received 7 days prior to the first day of the event will be refunded, minus a 25% processing fee. Refund requests must be received in writing. Cancellations received after will not be refunded, and registrants are responsible for full payment. No-shows will not be refunded and are responsible for full payment. Registration may be transferred to another session or another individual with prior authorization of CALBO staff. CALBO reserves the right to cancel a class for low enrollment. Registration may be transferred if class is cancelled.**

4 Select courses (Page 4).

| | | | | | |
|---------------------|----|-----|---|----|------|
| OFFICE USE ONLY: CC | CK | INV | # | \$ | DATE |
|---------------------|----|-----|---|----|------|

Course Selections

2019 CTI Education Weeks

Please check an Education Week venue below. Then select one full-day course or two half-day courses per day based on your attendance.

2019 Education Week Schedule

COURSE TIMES

Full Day: 8:00 am – 3:30 pm
 AM Half Day: 8:00 am – 11:15 am
 PM Half Day: 12:15 pm – 3:30 pm

! All courses are Full Day unless indicated as an AM Half Day or PM Half Day

| | MONDAY | TUESDAY | WEDNESDAY | THURSDAY |
|---|--|--|--|--------------------|
| <input type="checkbox"/> Newport Beach | August 26, 2019 | August 27, 2019 | August 28, 2019 | August 29, 2019 |
| <input type="checkbox"/> San Ramon | September 9, 2019 | September 10, 2019 | September 11, 2019 | September 12, 2019 |
| <input type="checkbox"/> Ontario | October 14, 2019 | October 15, 2019 | October 16, 2019 | October 17, 2019 |
| <input type="checkbox"/> Burlingame | December 16, 2019 | December 17, 2019 | December 18, 2019 | December 19, 2019 |
| <input type="checkbox"/> 2019 California Building Code: Significant Changes | <input type="checkbox"/> 2019 California Residential Code: Significant Changes | <input type="checkbox"/> 2019 California Building Code: Significant Changes | <input type="checkbox"/> 2019 California Residential Code: Significant Changes | |
| <input type="checkbox"/> Plan Review of Residential Additions new! | <input type="checkbox"/> Safety Assessment Program: Evaluator and Coordinator Training | <input type="checkbox"/> Plan Check for Solar Photovoltaic and Energy Storage Systems new! | <input type="checkbox"/> Inspection for Solar Photovoltaic and Energy Storage Systems new! | |
| <input type="checkbox"/> 2019 California Plumbing and Mechanical Code: Significant Changes | <input type="checkbox"/> State Laws Enforced by Building Departments | <input type="checkbox"/> Accessory Structures, Decks, Carports and Patio Covers new! | <input type="checkbox"/> 2019 California Nonresidential and Residential Energy Standards: Overview new! | |
| <input type="checkbox"/> 2019 Means of Egress: Overview new! | <input type="checkbox"/> 2019 CBC Chapter 11B Accessibility in Public Buildings, Public Accommodations, and Commercial Buildings: History, Use and Updates new! | <input type="checkbox"/> Housing A to Z: Overview of Various Types of Accessible Housing new! | <input type="checkbox"/> Applying Accessibility Requirements to Alterations new! | |
| <input type="checkbox"/> An In Depth Review of Residential Fire Sprinkler Systems and Overview of Commercial Hood Suppression Systems new! | <input type="checkbox"/> 2019 California Electrical Code: Overview new! | <input type="checkbox"/> 2019 California Energy Code: Nonresidential Submittal Requirements (AM Half Day) new! | <input type="checkbox"/> Understanding Access Law in California: Accessibility, Statutory Case Law and Code Enforcement for Existing Public Accommodations new! | |
| <input type="checkbox"/> Practical Code Enforcement for Building Officials | <input type="checkbox"/> The Essentials for Permit Technicians new! | <input type="checkbox"/> 2019 California Energy Code: Residential Submittal Requirements (PM Half Day) new! | <input type="checkbox"/> Simplified Structural Plan Review new! | |
| | | <input type="checkbox"/> From Model Codes to California Code Amendments and Adoption: The Code Development Process Explained new! | | |

CALBO Training Institute (CTI) is pleased to present our 2019 valuable offerings of our Education Weeks throughout California:

| | |
|-----------------------------|----------------------|
| August 26-29, 2019 | Newport Beach |
| September 9-12, 2019 | San Ramon |
| October 14-17, 2019 | Ontario |
| December 16-19, 2019 | Burlingame |

Registration

Registration is available in half-day, full-day, and full-week enrollment. The registration form must accompany full payment, purchase order, or credit card information. Payment for registration should be received by registration deadline. You can register in the following ways:



Online: www.calbo.org



Email: info@calbo.org



Mail:

California Building Officials

1022 G Street | Sacramento, CA 95814



Registration Deadlines:

Newport Beach: Tuesday, August 13, 2019

San Ramon: Tuesday, August 27, 2019

Ontario: Tuesday, October 1, 2019

Burlingame: Tuesday, December 3, 2019

Late Registration

Registration forms received after the registration deadline will require onsite registration. Late registrations must be submitted onsite at the CALBO Registration Booth and are accepted on a "space available" basis only.

Meals

Each full-day registration includes morning and afternoon refreshments with lunch.

Fees

| REGISTRATION TYPE | CALBO MEMBERS | NON-MEMBERS |
|---|---------------|-------------|
| Full Week (4 full-day courses, same person) | \$645 | \$830 |
| Full-Day | \$195 | \$250 |
| One Half-Day | \$140 | \$165 |
| Two Half-Days (same day, same person) | \$195 | \$250 |

Class Materials

Attendees are provided with professional written materials to supplement audio/visual and verbal instruction.

Special Needs Policy

The CALBO Office 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 registrants who submit a special dietary request will receive a special lunch ticket onsite at the event.

General Information

Cancellation Policy

Cancellations received 7 days prior to the first day of the event will be refunded, minus a 25% processing fee. Refund requests must be received in writing. Cancellations received less than 7 days prior to the first day of the event will not be refunded, and registrants will be responsible for full payment. No-shows will not be refunded.

Certificate of Attendance

A certificate of attendance will be available at the conclusion of each course to registrants who attend the entire course. No exceptions will be made. Each certificate of attendance lists the course title, course date, course location, course Continuing Education Units (CEUs), ICC Preferred Provider Program course number, and AIA Learning Units (LUs), if applicable. All courses are approved by the ICC Preferred Provider Program. Please contact CALBO for a complete list of courses approved by the American Institute of Architects (AIA).

Transfer Policy

Registrations may be transferred to another individual or Education Week venue if request is made at least 7 days prior to the first day of the event. All transfer requests or registration changes are not guaranteed and at the discretion of CALBO staff. Please contact the CALBO Office as soon as possible regarding all registration changes.

2019 Hotel Information

NEWPORT BEACH Newport Beach Marriott

900 Newport Center Drive | Newport Beach, CA 92660
Reservation Number: 1-866-440-3375 or 949-640-4000
CALBO Room Rate: \$189.00+tax
Reservation Cut-Off Date: Monday, August 5, 2019*
Parking Information: Complimentary day self-parking. Overnight self-parking is \$15.00 per vehicle, per day.

SAM RAMON San Ramon Marriott

2600 Bishop Drive | San Ramon, CA 94588
Reservation Number: 1-888-236-2427 or 925-867-9200
CALBO Room Rate: \$174.00+tax
Reservation Cut-Off Date: Friday, August 16, 2019*
Parking Information: Complimentary day self-parking. Overnight self-parking is \$6.00 per vehicle, per day.

ONTARIO DoubleTree by Hilton Hotel Ontario Airport

222 North Vineyard Avenue | Ontario, CA 91764
Reservation Number: 1-800-222-8733 or 909-937-0900
CALBO Room Rate: \$90.00+tax
Reservation Cut-Off Date: Monday, September 22, 2019*
Parking Information: Complimentary day and overnight self-parking.

BURLINGAME Hyatt Regency San Francisco Airport

1333 Old Bayshore Highway | Burlingame, CA 94010
Reservation Number: 1-888-421-1442 or 650-347-1234
CALBO Room Rate: \$149.00+tax
Reservation Cut-Off Date: Friday, November 22, 2019*
Parking Information: Complimentary day self-parking. Overnight parking is \$30.00 per vehicle, per day.



* Or when room block is at capacity

Course Descriptions

2019 California Building Code: Significant Changes

ICC PP COURSE NO. 20349 | .6 CEUs

This course is conducted in a workshop format with the instructor and attendees participating in active discussions of the significant non-structural revisions that assist with the transition to the latest California Building Code (CBC). The course highlights those areas that have been revised from the 2016 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 joint CALBO/ICC publication.

2019 California Electrical Code: Overview

ICC PP COURSE NO. 20358 | .6 CEUs

This course provides an overview of the 2019 California Electrical Code (CEC). Course attendees will learn about the important code changes in the 2019 CEC, adoption process, and how to effectively navigate the code, as well as Direct-Current Systems, Energy Management Systems, requirements for grounding and bonding, requirements for arc-fault circuit interrupters, definitions, and much more. As technology advances, so do the safety concerns and requirements of electrical design and construction compliance. This course provides familiarity to the latest code requirements and the move toward "off-grid" technology. Attendance in this course includes a handout of course material, but attendees may consider bringing the 2017 California Electrical Code or the 2017 National Electrical Code. The course is appropriate for experienced and not-so-experienced users of the CBC. All attendees receive a joint CALBO/ICC publication.

new!

2019 California Energy Code: Residential Submittal Requirements

ICC PP COURSE NO. 20361 | .3 CEUs
PM Half Day

This course provides an overview of what to expect at permit stage for residential newly constructed buildings, additions, and alterations complying under the 2019 Energy Standards. The course covers the new 2019 requirements, focusing on the applicable compliance forms, how compliance should be articulated on plans, and registration requirements. Compliance via the prescriptive and performance approach is covered, including grid harmonization options, battery storage options, and demand responsive controls. This course provides background on why changes were made to compliance forms and energy measures. The course objective is to simplify verification and enforcement of the 2019 Energy Standards requirements for residential projects during the permit application stage.

new!

2019 CBC Chapter 11B Accessibility in Public Buildings, Public Accommodations, and Commercial Buildings: History, Use and Updates

ICC PP COURSE NO. 20357 | .6 CEUs

This course provides attendees with a working understanding of the disabled-access provisions contained in the 2019 California Building Code, presenting on selected administrative, scoping and updated technical requirements. Supporting documents (ASTM, ANSI, Guidelines, Best Practices, etc.), tools of the trade, and inspection techniques are explored throughout the course. Local jurisdictional staff (building department, public works, parks and recreations, etc.), architects, designers, contractors, and business owners/managers are encouraged to attend. The course meets the following continuing educational requirements: (1) HSC requirements for building department personnel (2) BPC requirements for CA Licensed Architects (3) AIA CES HSW Learning Units for AIA members (4) Title 21 requirements for Certified Access Specialist (CASp).

new!

2019 California Energy Code: Nonresidential Submittal Requirements

ICC PP COURSE NO. 20360 | .3 CEUs
AM Half Day

This course provides an overview of what to expect at permit stage for nonresidential newly constructed buildings, additions, and alterations complying under the 2019 Energy Standards. The course covers the new 2019 requirements, focusing on how compliance is demonstrated using new dynamic compliance forms, how compliance should be articulated on plans, and commissioning requirements. Lighting alterations are addressed in detail, highlighting resources that help clarify the 2019 requirements. This course also provides background on why changes were made to compliance forms and energy measures. The course objective is to simplify verification and enforcement of the 2019 Energy Standards requirements for nonresidential projects during the permit application stage.

new!

2019 California Nonresidential and Residential Energy Standards: Overview

ICC PP COURSE NO. 19747 | .6 CEUs

This course provides an overview of the updates to the 2019 Energy Standards for newly constructed buildings, as well as additions and alterations to existing buildings. For residential buildings, topics include new photovoltaic system requirements for newly constructed residential buildings, increased requirements for high performance attics and walls, increased indoor air quality requirements, new water heater options, and much more. For nonresidential buildings, topics include increased ventilation and indoor air quality requirements, changes to indoor and outdoor lighting, envelope, space conditioning, factory exhaust systems, and much more. This course provides clear explanations of the new measures and insight about why changes were made. The course objectives are to increase understanding of the updates to the 2019 Energy Standards and to simplify verification and enforcement of the requirements for nonresidential projects during the plan review and field inspection process.

Course Descriptions

2019 California Plumbing and Mechanical Code: Significant Changes

ICC PP COURSE NO. 20351 | .6 CEUs

This course is a comprehensive overview of the significant changes in the 2019 California Plumbing and Mechanical Codes. Topics include the basics of Plumbing and Mechanical



inspections to ensure compliance with the new code requirements. This course offers participants an opportunity to learn the basics of the Plumbing and Mechanical code by showing

how the code is organized, discussing the key concepts, and identifying important provisions and code changes in each chapter.

2019 Means of Egress: Overview

ICC PP COURSE NO. 20352 | .6 CEUs

This course explains basic exiting requirements of the 2019 California Building Code: Chapter 10 as well as the general requirements and explanation of the three part means of egress system. Attendees will 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 provides clarifications included in the 2019 Code Changes from the California State Fire Marshal's adoption of CBC/CFC Chapter 10 and CC & R Title 19.

new!

Accessory Structures, Decks, Carports and Patio Covers

ICC PP COURSE NO. 20363 | .6 CEUs

This course focuses on the conventional construction requirements for detached accessory structures, such as garages and sheds, residential decks, carports, and patio structures to ensure compliance with the California Residential Code. The intent of this course is to help building officials, permit technicians, and plans examiners quickly perform a review of these projects at the counter and building inspectors know what to look for in the field to ensure compliance with the code.

2019 California Residential Code: Significant Changes

ICC PP COURSE NO. 20355 | .6 CEUs

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 2016 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 joint CALBO/ICC publication.

new!

Applying Accessibility Requirements to Alterations

ICC PP COURSE NO. 19748 | .6 CEUs

This course provides an overview of how to apply Chapter 11B to alterations of public accommodations and commercial facilities. The following topics are covered: how the occupancy group affects accessibility, the importance of Chapter 2 definitions, when to use and what are the differences between technical infeasibility and hardship exemptions, when and how to use the state historic building code, ensuring consistency between the project's plans examiner and inspector, scoping and technical requirements of path of travel upgrades. Attendees are encouraged to ask questions and examples are discussed throughout the course.

new!

From Model Codes to California Code Amendments and Adoption: The Code Development Process Explained

ICC PP COURSE NO. 19750 | .6 CEUs

Building Officials are tasked with the amendment and adoption of the latest California codes for their jurisdiction. What does this mean, why is it important, and how can it be done smoothly and effectively? This course covers everything you need to know about the code development process and how revisions are incorporated in the International Code Council (ICC) and ultimately the State of California codes. Details are explained about the ICC Code Development Process leading to the publishing of the ICC family of codes and how the California uses the ICC codes as a model and amends them to create the suite of California codes. Specifics about the process are explained including: an in-depth examination of how the model codes are developed with directions on submitting proposed code changes and public comments and how the State of California through the California Building Standards Commission amends model codes for its own use. At the end of the course, attendees should be able to effectively participate in code development, understand how to affect revisions to the suite of building codes that are enforced in California, and be ready for the new set of codes that go into effect on January 1, 2020. A workbook is also provided to all attendees to use as a resource.

Course Descriptions

new!

Plan Check for Solar Photovoltaic and Energy Storage Systems

ICC PP COURSE NO. 19749 | .6 CEUs

This course covers the elements required to perform plan check of solar photovoltaic (PV) systems, including structural mounting, fire service access, and electrical aspects needed for a complete plan submittal. Attendees will be able to recognize the key elements necessary for a complete plan submittal for a solar PV system. A set of guidelines are used as a template for these elements. Attendees will learn specific details on what a code-compliant plan includes for residential and small commercial solar PV installations. Energy storage systems (ESS) are also covered as these systems are commonly included with or added to PV systems. As solar PV systems are constantly changing and improving, this course updates enforcement on the latest codes and design trends that impact this dynamic field. ESS are also covered as these systems will be incorporated into many PV systems over the next several years.

Practical Code Enforcement for Building Officials

ICC PP COURSE NO. 20354 | .6 CEUs

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. Updates include information on state laws effecting 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 in support of building department operations, and building inspectors who want to know when and how to “get tough” on violators.

new!

Housing A to Z: Overview of Various Types of Accessible Housing

ICC PP COURSE NO. 20359 | .6 CEUs

This course provides attendees with an understanding of scoping and unit layout for Chapter 11A adaptable units, 11B unit layout and scoping for public housing, housing at a place of education and social service centers. Attendees will learn and discuss descriptions and real-world examples of the various types of housing that jurisdictions may encounter in plan review and inspection. Attendees will also learn the basic tenants of housing under Chapter 11A and the Fair Housing Act along with Chapter 11B and the Americans with disabilities as well as historical aspects. After the course, attendees will know what questions are critical to ask at initial plan review and what regulations would apply to a particular project.

new!

Plan Review of Residential Additions

ICC PP COURSE NO. 20350 | .6 CEUs

This course covers the basic requirements that should be found in a set of plans for a residential room addition. Whether it is a standard room addition, a converted patio enclosure or patio cover, or a garage conversion, this course highlights typical issues and special requirements encountered based on the different types of additions. Attendees will learn how each of the different trades come together in the various room addition types. Attendees will also be asked to consider the existing conditions and how the room addition affects the existing dwelling or structure. Upon completion of the course, attendees will understand the main concepts of what to look for when performing a room addition plan review.



new!

An In Depth Review of Residential Fire Sprinkler Systems and Overview of Commercial Hood Suppression Systems

ICC PP COURSE NO. 20408 | .6 CEUs

This course discusses single-family residential fire sprinkler systems, based on the 2016 Edition of NFPA 13D and the major changes to the 2019 edition along with the amendments made by the State Fire Marshal’s Office. It focuses on some of the big-ticket items during plan checking and inspections. A brief discussion regarding commercial hood suppression systems is also provided. This course benefits building and fire officials, plans examiners, inspectors, design professionals, contractors and the construction industry.

new!

Inspection for Solar Photovoltaic and Energy Storage Systems

ICC PP COURSE NO. 20362 | .6 CEUs

This course covers the elements required to perform field inspections of solar photovoltaic (PV) systems, including observing the structural mounting, fire service access, and electrical aspects needed for a code-compliant installation. Attendees will learn how to confirm that the submitted plans were properly followed and recognize the common field mistakes that installers make with solar PV systems. A checklist is provided to help guide the inspector through the review process. Attendees will learn specific details on what code-compliant field installations include for residential and small commercial solar PV installations. Energy storage systems (ESS) are also covered as these systems are commonly included with or added to PV systems. As solar PV systems are constantly changing and improving, this course updates enforcement on the latest codes and design trends that impact field installation of this equipment.

Course Descriptions

Safety Assessment Program: Evaluator and Coordinator Training

ICC PP COURSE NO. 1495 | .6 CEUs

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. This course is also intended to prepare SAP inspectors for disaster assessment and the required documentation. This training is 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. Course materials are prepared by the Governor's Office of Emergency Services (Cal OES).

State Laws Enforced by Building Departments

ICC PP COURSE NO. 20356 | .6 CEUs

This course features a completely new and updated resource publication, *State Laws Enforced by Building Departments*, distributed by CALBO 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.

new!

Understanding Access Law in California: Accessibility, Statutory Case Law and Code Enforcement for Existing Public Accommodations

ICC PP COURSE NO. 20318 | .6 CEUs

This course is designed for public works engineers, building officials, senior plan reviewers, and senior inspectors. It presents the structure of law and application with respect to access standards for projects built with private and public funds. Attendees will learn the following: the hierarchy and relationship of constitutional, statutory and regulatory laws associated with accessibility; how access civil rights law, statutory law and case law relate to construction standards, permit processing and code enforcement in California. It is designed as an informational aid, not a legal requirement, to assist public officials in the administration of state and local public policy.

new!

Simplified Structural Plan Review

ICC PP COURSE NO. 20364 | .6 CEUs

This course provides a step-by-step approach for performing a structural plan review to ensure that projects conform to the structural requirements of the California Building Code and California Residential Code. The review process provided is strictly for residential to moderately-sized commercial projects, as larger projects may require a more extensive structural review. The course does not teach how to perform structural calculations; rather, it explains how to verify the project's design assumptions and overall compliance with the adopted code and their referenced standards. Examples are discussed in addition to sample plan review comments.

new!

The Essentials for Permit Technicians

ICC PP COURSE NO. 20353 | .6 CEUs

This course is intended for permit technicians of all levels, senior inspectors aspiring to be building officials, entry-level building inspectors who want to understand building department operations, and design professionals looking to



better understand the challenges of the building department staff.

This course provides essential information in the areas of code administration and history, legal aspects, customer service, basic plan review, inspection process, zoning requirements, permit fee calculations, basic occupancy and construction types, basic means of egress, and dealing with difficult customers.

Join CALBO!

our mission

Founded in 1962, CALBO is a nonprofit professional association of city and county building departments and industry representatives. Our mission is to promote public health and safety in building construction through responsible legislation,

membership benefits

- ▶ **CALBO News**, a bi-monthly newsletter.
- ▶ **CALBO.org**, an up-to-date informative website.
- ▶ **Discounts** on the Annual Business Meeting, Education Weeks, training seminars, and publications.
- ▶ **Representation** before the Legislature and state regulatory agencies.
- ▶ The **opportunity** to serve on policy-making committees.
- ▶ **Recognition** as a leading California code professional.
- ▶ **Low advertising rates** in CALBO News and on our website.
- ▶ Full-time **professional management** and so much more!

membership eligibility & fees



Class I ▶ \$215-\$375

Available to California city and/or county building departments, but not limited to other departments charged with the administration or enforcement of laws and ordinances relating to building construction. There are three tiers for Class I Members—each tier is assigned a different membership fee based on population size.*

Tier I: Class I Members with >150K population \$375

Tier II: Class I Members with 50-150K population..... \$295

Tier III: Class I Members with <50K population..... \$215

Associate ▶ \$495

Available to associations, organizations, agencies, firms, or individuals with interests in architecture, engineering, building inspection, code enforcement or construction.

State Agency ▶ \$215

Available to any division of the state charged with the administration and/or enforcement of laws relative to building construction and code development. Also available to universities and colleges with architecture, engineering, building inspection, or code enforcement curriculum or programs.

Technical ▶ \$50

Available to individuals employed by a jurisdiction or company that holds a Class I or Associate Membership.

Senior & Student ▶ \$20

Available to students or individuals of age 55 or greater who have served at least 5 years as a Class I or Technical Member.

*Population size is based on the 2018 City Population Rankings by the California Department of Finance Demographic Research Unit. Please contact CALBO for your jurisdiction's Class I Tier.

Register and select membership.

Please complete the form below for 2019-2020 Membership Program.

JURISDICTION/FIRM _____

NAME OF REPRESENTATIVE _____

TITLE _____

STREET / PO BOX _____

CITY _____ STATE _____ ZIP _____

DIRECT PHONE NUMBER _____ EMAIL _____

- Class I:** \$215 - \$375
- TIER I: Class I Members with >150K Population \$375
 - TIER II: Class I Members with 50K - 150K Population \$295
 - TIER III: Class I Members with <50K Population \$215
- Associate:** \$495
- State Agency:** \$215
- Technical:** \$50
- Senior & Student:** \$20

Designated Training Contact:

NAME _____

EMAIL ADDRESS _____ PHONE _____

Designated Government Affairs Contact:

NAME _____

EMAIL ADDRESS _____ PHONE _____

Select method of payment.

- CREDIT CARD:** Visa or MasterCard Only

CREDIT CARD NUMBER _____ CVC# _____

EXPIRES _____

BILLING ADDRESS _____

CITY _____ STATE _____ ZIP _____

NAME ON CARD _____

SIGNATURE _____

- INVOICE / PURCHASE ORDER:** List P.O. number or without P.O. number, indicate "Invoice Requested"

INVOICE / PO NUMBER _____

- CHECK:** Make payable to CALBO and mail to address below.

CHECK NUMBER _____

Send form and payment to:

 **Mail:**
California Building Officials
1022 G Street | Sacramento, CA 95814

 **Email:** info@calbo.org

 **Online:** www.calbo.org

Five percent of dues paid are not deductible for federal income tax purposes because they are used for lobbying expenses.

Take Advantage of the CALBO Media Packet

Second Edition



CALBO is proud to announce our successful second edition CALBO Media Packet!

Take advantage of this one resource for all your CALBO marketing needs to reach CALBO membership throughout the year.

Register for an Exhibitor or Sponsorship Opportunity

Interested in reaching CALBO Members at our largest annual events? Register as an exhibitor or sponsor for the Education Weeks and Annual Business Meeting!

Advertise in the CALBO News

Interested in reaching CALBO Members through our bi-monthly email blasts? Advertise in the CALBO News, the CALBO bi-monthly newsletter, used by California building departments and industry representatives to keep up-to-date with everything building.

Become a CALBO Partner

Interested in being recognized as a CALBO sponsor throughout the year? Become a CALBO Partner by registering for a Silver or Bronze level. CALBO Partners have access to special opportunities, early registration deadlines, and use of the CALBO logo as a partner.



Thank you to the CALBO Partner Program Gold Sponsors!

Become a sponsor today by registering for the Partner Program as a Silver or Bronze level



Questions about these opportunities?

CONTACT:

Katie Almand

kalmand@calbo.org or 916-457-1103



CALBO'S 58th ABM!

Join us in celebrating the 58th CALBO ABM!

CALBO is excited to host its 58th Annual Business Meeting from Sunday, April 5—Thursday, April 9, 2020 at the Hyatt Regency Indian Wells Resort and Spa. An array of programs, events and trainings will be offered for the professional development of our members. Looking forward to meeting and playing under the desert sun while gathering together for the strength and development of our association.

when

Sunday, April 5 –
Thursday, April 9, 2020

where

Hyatt Regency Indian Wells Resort
and Spa
44-600 Indian Wells Lane
Indian Wells, CA 92210
760.341.1000

watch

Registration available
in Winter 2020



See You There!

CALBO Launches the Seventh Year of the Building Officials Leadership Academy!



**It is with great pleasure
we announce the
BOLA Class of 2019-2020.
We applaud each of you
for taking the next step
in your career!**

If you would like to receive 2020-2021 BOLA program information and registration when it becomes available, please contact the CALBO office at info@calbo.org or **916.457.1103**.

The Building Officials Leadership Academy (BOLA) is designed to maximize the leadership capabilities of seasoned public safety professionals, in addition to those who seek a future within California's building departments.

The executive-level coursework of the BOLA program is intensive, and program participants are expected to spend a great deal of the time studying and collaborating with each other on the course materials. To assist and encourage completion, each participant is assigned a mentor who will provide advice and guidance—serving as an overall resource. In addition, BOLA participants will become an active part of the network of program peers who can utilize each other's talents and strengths.

Each year the BOLA program is offered with limited space on a first-come, first-served basis. The BOLA core curriculum consists of five consistent days of training, mentorship, and networking.

In addition, all BOLA students are required to complete three elective courses offered at the CALBO Education Weeks each year. There is no time completion requirement for the electives, but all BOLA students must attend the week-long core curriculum program. There are NO make-up opportunities for missed core curriculum courses.

When students successfully complete all BOLA requirements, he or she will be recognized and honored at the CALBO Annual Business Meeting.

| | |
|-----------------------------|-------------------------------------|
| Chris Castancho | City of Richmond |
| Matthew Farrell | City of Foster City |
| Michael Frasure | City of Rancho Cucamonga |
| Shannon Gardner | County of El Dorado |
| Coleen Godfrey | City of Hesperia |
| Christopher Landreth | City of Tracy |
| Michael McLemore | City of Clovis |
| Christina McTaggart | City of Redwood City |
| Steven Neely | City of Santa Rosa |
| Dominick Octavio | City of Delano |
| Mario Osuna | City of Burbank |
| Mitch Raese | City of Roseville |
| George Schriefer | County of Santa Clara |
| John Schweigerdt | City of Stockton |
| James Son | City of San Jose |
| Lorena Soules | City of Garden Grove |
| Heather Spooner | City of Daly City |
| Richard Thomas | City of San Pablo |
| Chris Valley | City of San Carlos |
| Mason Vandenberg | CSG Consultants, Inc. |
| Robert Williams | University of California, Riverside |

Become a CTI Instructor

Become a CALBO Training Institute Instructor and Course Developer!

Are you knowledgeable about a certain topic or passionate about sharing your experience and knowledge with others? The CALBO Training Institute (CTI) is continually looking for new course developers and instructors for its trainings throughout the year. There are opportunities for every skill level. We welcome your contributions!

- Develop speaking and listening skills.
- Learn how to create and implement a course plan.
- Gain one-on-one time with another instructor to review course plans and materials.
- Co-teach with a seasoned instructor to gain hands-on experience in the classroom.
- Utilize your knowledge to become a subject matter expert.

Application

Please complete the application below and return with your resume to apply as a CTI instructor and/or course developer. Applications are accepted year-round. If you have any questions, please contact Lauren Herman, CALBO Director of Training and Communications, lherman@calbo.org.

FULL NAME

TITLE

JURISDICTION/COMPANY

ADDRESS

CITY STATE ZIP

PHONE

EMAIL

NAME OF SUPERVISOR

SUPERVISOR PHONE

SUPERVISOR EMAIL

Select appropriate box: CTI Instructor CTI Course Developer

Please list subject(s) you are interested in teaching or providing course development:



Request a CTI Course

Request a CTI Course — in 3 Easy Steps!

Save Your Jurisdiction Money
Raise Money for Your Chapter

1

✓ Select the type of offering your chapter or jurisdiction would like to request.

OPTION 1 | Requested Course Offering

DISCOUNT: One percent per person (up to 45 people) of the profit refunded.

CTI PROVIDES:

- Instructor
- Materials and Handouts
- Presentation
- Marketing
- Maintain AIA & ICC Preferred Provider Attendance Rosters
- Certificates of Attendance

CHAPTER/JURISDICTION PROVIDES:

- Minimum of 20 Attendees
- Training Facility
- Equipment
- Attendee Lunch
- Course Moderator

OPTION 2 | Hosted Course Offering

DISCOUNT: Flat 15% of the profit refunded, regardless of number of students.

CTI PROVIDES:

- Instructor
- Materials and Handouts
- Presentation
- Marketing
- Attendee Lunch
- Maintain AIA & ICC Preferred Provider Attendance Rosters
- Certificates of Attendance

CHAPTER/JURISDICTION PROVIDES:

- Training Facility
- Equipment
- Course Moderator

OPTION 3 | Flat Rate Course Offering

Flat fee of \$2,500 (plus cost of course workbooks - \$15 each) is paid to CALBO. Chapter or Jurisdiction collects all course profits.

CTI PROVIDES:

- Instructor
- Materials and Handouts
- Presentation
- Maintain AIA & ICC Preferred Provider Attendance Rosters
- Certificates of Attendance

CHAPTER/JURISDICTION PROVIDES:

- Equipment
- Training Facility
- Course Moderator
- Attendee Lunch
- Marketing
- Registration

2

Provide the following information.

CONTACT PERSON

CHAPTER / JURISDICTION

ADDRESS

CITY / STATE / ZIP

PHONE

EMAIL

REQUESTED COURSE(S)


REQUESTED DATE(S)

3

Email your request to Lauren Herman, CALBO Director of Training and Communications, at lherman@calbo.org.

15 Steps to Dangerous Building Enforcement

ICC PP COURSE NO. 16204 | .6 CEUs



All California building departments are mandated to enforce housing and building codes for safe occupancy in existing buildings. In recent years, this has become more and more concerning. It is helpful for all building and code enforcement departments to be familiar with their dangerous building authorities and enforcement procedures, including inspection and documentation responsibilities. This course discusses the steps, principles, and authorities associated with the dangerous building enforcement process, along with the challenges that may be presented by owners and occupants.

2019 California Building Code: Significant Changes

ICC PP COURSE NO. 20349 | .6 CEUs

This course is conducted in a workshop format with the instructor and attendees participating in active discussions of the significant non-structural revisions that assist with the transition to the latest California Building Code (CBC). The course highlights those areas that have been revised from the 2016 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 joint CALBO/ICC publication.

new!

2019 CBC Chapter 11B Accessibility in Public Buildings, Public Accommodations, and Commercial Buildings: History, Use and Updates

ICC PP COURSE NO. 20357 | .6 CEUs

This course provides attendees with a working understanding of the disabled-access provisions contained in the 2019 California Building Code, presenting on selected administrative, scoping and updated technical requirements. Supporting documents (ASTM, ANSI, Guidelines, Best Practices, etc.), tools of the trade, and inspection techniques are explored throughout the course. Local jurisdictional staff (building department, public works, parks and recreations, etc.), architects, designers, contractors, and business owners/managers are encouraged to attend. The course meets the following continuing educational requirements: (1) HSC requirements for building department personnel (2) BPC requirements for CA Licensed Architects (3) AIA CES HSW Learning Units for AIA members (4) Title 21 requirements for Certified Access Specialist (CASp).

new!

2019 California Energy Code: Residential Submittal Requirements

ICC PP COURSE NO. 20361 | .3 CEUs
PM Half Day

This course provides an overview of what to expect at permit stage for residential newly constructed buildings, additions, and alterations complying under the 2019 Energy Standards. The course covers the new 2019 requirements, focusing on the applicable compliance forms, how compliance should be articulated on plans, and registration requirements. Compliance via the prescriptive and performance approach is covered, including grid harmonization options, battery storage options, and demand responsive controls. This course provides background on why changes were made to compliance forms and energy measures. The course objective is to simplify verification and enforcement of the 2019 Energy Standards requirements for residential projects during the permit application stage.

new!

2019 California Energy Code: Nonresidential Submittal Requirements

ICC PP COURSE NO. 20360 | .3 CEUs
AM Half Day

This course provides an overview of what to expect at permit stage for nonresidential newly constructed buildings, additions, and alterations complying under the 2019 Energy Standards. The course covers the new 2019 requirements, focusing on how compliance is demonstrated using new dynamic compliance forms, how compliance should be articulated on plans, and commissioning requirements. Lighting alterations are addressed in detail, highlighting resources that help clarify the 2019 requirements. This course also provides background on why changes were made to compliance forms and energy measures. The course objective is to simplify verification and enforcement of the 2019 Energy Standards requirements for nonresidential projects during the permit application stage.

new!

2019 California Nonresidential and Residential Energy Standards: Overview

ICC PP COURSE NO. 19747 | .6 CEUs

This course provides an overview of the updates to the 2019 Energy Standards for newly constructed buildings, as well as additions and alterations to existing buildings. For residential buildings, topics include new photovoltaic system requirements for newly constructed residential buildings, increased requirements for high performance attics and walls, increased indoor air quality requirements, new water heater options, and much more. For nonresidential buildings, topics include increased ventilation and indoor air quality requirements, changes to indoor and outdoor lighting, envelope, space conditioning, factory exhaust systems, and much more. This course provides clear explanations of the new measures and insight about why changes were made. The course objectives are to increase understanding of the updates to the 2019 Energy Standards and to simplify verification and enforcement of the requirements for nonresidential projects during the plan review and field inspection process.

CTI Course Offerings Available All Year For Your Jurisdiction

2019 California Plumbing and Mechanical Code: Significant Changes

ICC PP COURSE NO. 20351 | .6 CEUs

This course is a comprehensive overview of the significant changes in the 2019 California Plumbing and Mechanical Codes. Topics include the basics of Plumbing and Mechanical inspections to ensure compliance with the new code requirements. This course offers participants an opportunity to learn the basics of the Plumbing and Mechanical code by showing how the code is organized, discussing the key concepts, and identifying important provisions and code changes in each chapter.

2019 California Residential Code: Significant Changes

ICC PP COURSE NO. 20355 | .6 CEUs

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 2016 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 joint CALBO/ICC publication.



2019 Means of Egress: Overview

ICC PP COURSE NO. 20352 | .6 CEUs

This course explains basic exiting requirements of the 2019 California Building Code: Chapter 10 as well as the general requirements and explanation of the three part means of egress system. Attendees will 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 provides clarifications included in the 2019 Code Changes from the California State Fire Marshal's adoption of CBC/CFC Chapter 10 and CC & R Title 19.

Accessory Structures, Decks, Carports and Patio Covers

ICC PP COURSE NO. 20363 | .6 CEUs

This course focuses on the conventional construction requirements for detached accessory structures, such as garages and sheds, residential decks, carports, and patio structures to ensure compliance with the California Residential Code. The intent of this course is to help building officials, permit technicians, and plans examiners quickly perform a review of these projects at the counter and building inspectors know what to look for in the field to ensure compliance with the code.

Applying Accessibility Requirements to Alterations

ICC PP COURSE NO. 19748 | .6 CEUs

This course provides an overview of how to apply Chapter 11B to alterations of public accommodations and commercial facilities. The following topics are covered: how the occupancy group affects accessibility, the importance of Chapter 2 definitions, when to use and what are the differences between technical infeasibility and hardship exemptions, when and how to use the state historic building code, ensuring consistency between the project's plans examiner and inspector, scoping and technical requirements of path of travel upgrades. Attendees are encouraged to ask questions and examples are discussed throughout the course.

new!

From Model Codes to California Code Amendments and Adoption: The Code Development Process Explained

ICC PP COURSE NO. 19750 | .6 CEUs

Building Officials are tasked with the amendment and adoption of the latest California codes for their jurisdiction. What does this mean, why is it important, and how can it be done smoothly and effectively? This course covers everything that you need to know about the code development process and how revisions are incorporated in the International Code Council (ICC) and ultimately the State of California codes. Details are explained about the ICC Code Development Process leading to the publishing of the ICC family of codes and how the State of California uses the ICC codes as a model and amends them to create the suite of California codes. Specifics about the process are explained including: an in-depth examination of how the model codes are developed with directions on submitting proposed code changes and public comments and how the State of California through the California Building Standards Commission amends model codes for its own use. At the end of the course, attendees should be able to effectively participate in code development, understand how to affect revisions to the suite of building codes that are enforced in California, and be ready for the new set of codes that go into effect on January 1, 2020. A workbook is also provided to all attendees to use as a resource.

How to Begin Social Media for Your Jurisdiction

ICC PP COURSE NO. 16660 | .6 CEUs

In addition to ensuring public safety through plan checking, inspections, and code enforcement, public outreach is an equally important task for any building department. In this course, attendees will learn how to leverage social media platforms to establish a digital public outreach strategy, gain community support, and get real-time feedback on the jurisdiction services. Along with gaining a better understanding of online communities, attendees will learn about building their own strategies, establishing an online voice, creating online content, defining target audiences, identifying important trends, and monitoring online posts and responses. Attendees will also explore common social media myths and mistakes to managing social media or platforms to achieve your department's goals, whether it is creating public trust or spotlighting awareness of your department.

new!

Housing A to Z: Overview of Various Types of Accessible Housing

ICC PP COURSE NO. 20359 | .6 CEUs

This course provides attendees with an understanding of scoping and unit layout for Chapter 11A adaptable units, 11B unit layout and scoping for public housing, housing at a place of education and social service centers. Attendees will learn and discuss descriptions and real-world examples of the various types of housing that jurisdictions may encounter in plan review and inspection.



Attendees will also learn the basic tenants of housing under Chapter 11A and the Fair Housing Act along with Chapter 11B and the Americans with disabilities as well as historical aspects. After the course, attendees will know what questions are critical to ask at initial plan review and what regulations would apply to a particular project.

Housing and Community Development and the Local Building Department: Alternative Housing in California

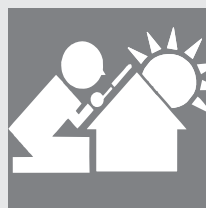
ICC PP COURSE NO. 16247 | .6 CEUs

This interactive course is an overview designed to provide the basic knowledge, tools, and insight of California Department of Housing and Community Development (HCD) programs to identify the nexus that exists between local enforcement agencies and HCD regarding alternative housing in California. As the housing crisis continues across California, local building departments are dealing with new forms of housing. Discussion topics include the following: State Housing Law Program, Title 24 building standards code development, Tiny Homes, Factory-Built Housing/Manufactured Homes, Accessory Dwelling Units, and Emergency Housing. Additional focus is directed toward understanding HCD Mobile Home Parks and Special Occupancy Parks Program. Attendees will also learn about the distinction between the role of local enforcement and the responsibilities of HCD in housing development in California.

Inspection for Solar Photovoltaic and Energy Storage Systems

ICC PP COURSE NO. 20362 | .6 CEUs

This course covers the elements required to perform field inspections of solar photovoltaic (PV) systems, including observing the structural mounting, fire service access, and electrical aspects needed for a code-compliant installation. Attendees will learn how to confirm that the submitted plans were properly followed and recognize the common field mistakes that installers make with solar PV systems.



A checklist is provided to help guide the inspector through the review process. Attendees will learn specific details on what code-compliant field installations include for residential and small commercial solar PV installations. Energy storage systems (ESS) are also covered as these systems are commonly included with or added to PV systems. As solar PV systems are constantly changing and improving, this course updates enforcement on the latest codes and design trends that impact field installation of this equipment.

new!

Plan Check for Solar Photovoltaic and Energy Storage Systems

ICC PP COURSE NO. 19749 | .6 CEUs

This course covers the elements required to perform plan check of solar photovoltaic (PV) systems, including structural mounting, fire service access, and electrical aspects needed for a complete plan submittal. Attendees will be able to recognize the key elements necessary for a complete plan submittal for a solar PV system. A set of guidelines are used as a template for these elements. Attendees will learn specific details on what a code-compliant plan includes for residential and small commercial solar PV installations. Energy storage systems (ESS) are also covered as these systems are commonly included with or added to PV systems. As solar PV systems are constantly changing and improving, this course updates enforcement on the latest codes and design trends that impact this dynamic field. ESS are also covered as these systems will be incorporated into many PV systems over the next several years.

new!

Plan Review of Residential Additions

ICC PP COURSE NO. 20350 | .6 CEUs

This course covers the basic requirements that should be found in a set of plans for a residential room addition. Whether it is a standard room addition, a converted patio enclosure or patio cover, or a garage conversion, this course highlights typical issues and special requirements encountered based on the different types of additions. Attendees will learn how each of the different trades come together in the various room addition types. Attendees will also be asked to consider the existing conditions and how the room addition affects the existing dwelling or structure. Upon completion of the course, attendees will understand the main concepts of what to look for when performing a room addition plan review.

CTI Course Offerings Available All Year For Your Jurisdiction

Practical Code Enforcement for Building Officials

ICC PP COURSE NO. 20354 | .6 CEUs

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. Updates include information on state laws effecting 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 in support of building department operations, and building inspectors who want to know when and how to “get tough” on violators.

Safety Assessment Program: Evaluator and Coordinator Training

ICC PP COURSE NO. 1495 | .6 CEUs

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. This course is also intended to prepare SAP inspectors for disaster assessment and the required documentation. This training is 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. Course materials are prepared by the Governor's Office of Emergency Services (Cal OES).

new!

Simplified Structural Plan Review

ICC PP COURSE NO. 20364 | .6 CEUs

This course provides a step-by-step approach for performing a structural plan review to ensure that projects conform to the structural requirements of the California Building Code and California Residential Code. The review process provided is strictly for residential to moderately-sized commercial projects, as larger projects may require a more extensive structural review. The course does not teach how to perform structural calculations; rather, it explains how to verify the project's design assumptions and overall compliance with the adopted code and their referenced standards. Examples are discussed in addition to sample plan review comments.

State Laws Enforced by Building Departments

ICC PP COURSE NO. 20356 | .6 CEUs

This course features a completely new and updated resource publication, State Laws Enforced by Building Departments, distributed by CALBO 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.

new!

The Essentials for Permit Technicians

ICC PP COURSE NO. 20353 | .6 CEUs

This course is intended for permit technicians of all levels, senior inspectors aspiring to be building officials, entry-level building inspectors who want to understand building department operations, and design professionals looking to better understand the challenges of the building department staff. This course provides essential information in the areas of code administration and history, legal aspects, customer service, basic plan review, inspection process, zoning requirements, permit fee calculations, basic occupancy and construction types, basic means of egress, and dealing with difficult customers.

new!

Understanding Access Law in California: Accessibility, Statutory Case Law and Code Enforcement for Existing Public Accommodations

ICC PP COURSE NO. 20318 | .6 CEUs

This course is designed for public works engineers, building officials, senior plan reviewers, and senior inspectors. It presents the structure of law and application with respect to access standards for projects built with private and public funds. Attendees will learn the following: the hierarchy and relationship of constitutional, statutory and regulatory laws associated with accessibility; how access civil rights law, statutory law and case law relate to construction standards, permit processing and code enforcement in California. It is designed as an informational aid, not a legal requirement, to assist public officials in the administration of state and local public policy.

Wildland-Urban Interface

ICC PP COURSE NO. 16250 | .6 CEUs

The collaboration between fire and building departments has always been essential; this was proven with the recent wildland fires throughout California. In this course, special



focus is given to California's Wildland-Urban Interface (WUI) Codes and its development process. Case studies are reviewed and analyzed in the course discussion as well. This course

assists in exploring resources and essential information to help building departments prepare for and respond to the effects of fires in Wildland-Urban Interface.



Exhibitor & Sponsorship Program Information

August 26-29, 2019
September 9-12, 2019
October 14-17, 2019
December 16-19, 2019

Newport Beach
San Ramon
Ontario
Burlingame

The CALBO Training Institute hosts its Education Weeks throughout the Golden State to provide continuing education for California building departments. These events bring thousands together under one roof for code updates, professional development and networking opportunities. Last year, CTI had its largest Education Week events on record—over 6,000 full-day courses attended.

Dozens of state agencies, organizations and companies participate in the Education Week Exhibitor Program each year. We invite you to be one of them.

Why participate in the 2019 CALBO Education Week Exhibitor and Sponsorship Program?

- ▶ **Engage face-to-face with building department leaders and staff.**
- ▶ **Recruit new employees from seasoned building department personnel.**
- ▶ **Free advertising in the CALBO News, CALBO's bi-monthly newsletter.**
- ▶ **Showcase your products and services.**
- ▶ **Special discounted exhibiting package for all four Education Weeks.**

Interested in these opportunities?

Contact:

Katie Almand

kaland@calbo.org or 916-457-1103

Special Sponsorship Opportunity!

Don't miss the CALBO Training Institute's newest training endeavor—CTI Education Week Lunch and Learn. This special sponsorship opportunity connects companies and the CALBO community around the latest innovative and progressive topics in building-and-safety. Contact CALBO for more information!



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Sacramento, CA 95814

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**Thank
You** To All
**2019-2020
CTI Instructors**

| | |
|--------------------------|--|
| Paul Armstrong | TRB + Associates |
| Ciara Barnett | County of Los Angeles |
| Bill Brooks | Brooks Engineering |
| John Caprarelli | City of Santa Clarita |
| Patrick Chew | City of Roseville |
| Jesse De Anda | City of Beverly Hills |
| Gil Estrada | City of Palm Springs |
| Richard Halloran | City & County of San Francisco (Retired) |
| Chris Hansen | Central Coast Access Specialists, LLC. |
| Doug Hensel | County of San Joaquin (Retired) |
| Brandon Ives | City of Los Angeles |
| Chris Kimball | West Coast Code Consultants, Inc. |
| Bob Latz | CSG Consultants, Inc. |
| William Mitchell | City of Los Angeles |
| Matthew Nuckolls | City of Los Angeles |
| Javier Perez | California Energy Commission |
| Sara Retmier | City of Hemet |
| Charles Russell | VCA Code |
| Jay Salazar | City of Vacaville |
| Glenn Schainblatt | City of Sebastopol |
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