Colleagues and Friends of CALBO,

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.

2 Register and select program.

CALBO Member: Yes ☐ No ☐ Current BOLA Student: Yes ☐

I will attend: Newport Beach ☐ San Ramon ☐ Ontario ☐ Burlingame

Program Selections

<table>
<thead>
<tr>
<th></th>
<th>CALBO Member</th>
<th>Non-Member</th>
<th>Amount Due</th>
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<tbody>
<tr>
<td>Full Week (4 full-day courses, same person)</td>
<td>$645</td>
<td>$830</td>
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<td>$195</td>
<td>$250</td>
<td>☐</td>
</tr>
</tbody>
</table>

Vegetarian Meals: ☐

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.

3 Select method of payment.

☐ CREDIT CARD: VISA, AMEX or Mastercard ONLY

CREDIT CARD NUMBER
EXPRESS
CVV

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).
## 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.

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

### 2019 Education Week Schedule

<table>
<thead>
<tr>
<th>COURSE TIMES</th>
<th>MONDAY</th>
<th>TUESDAY</th>
<th>WEDNESDAY</th>
<th>THURSDAY</th>
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<tbody>
<tr>
<td><strong>Full Day:</strong></td>
<td>August 26, 2019</td>
<td>August 27, 2019</td>
<td>August 28, 2019</td>
<td>August 29, 2019</td>
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<tr>
<td><strong>AM Half Day:</strong></td>
<td>September 9, 2019</td>
<td>September 10, 2019</td>
<td>September 11, 2019</td>
<td>September 12, 2019</td>
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<tr>
<td><strong>PM Half Day:</strong></td>
<td>October 14, 2019</td>
<td>October 15, 2019</td>
<td>October 16, 2019</td>
<td>October 17, 2019</td>
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<tr>
<td><strong>December:</strong></td>
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<td>December 17, 2019</td>
<td>December 18, 2019</td>
<td>December 19, 2019</td>
</tr>
</tbody>
</table>

### COURSE TIMES

- **8:00 am – 3:30 pm**
- **8:00 am – 11:15 am**
- **12:15 pm – 3:30 pm**

### Course Selections

- **2019 California Building Code: Significant Changes**
- **Plan Review of Residential Additions**
- **2019 California Plumbing and Mechanical Code: Significant Changes**
- **2019 Means of Egress: Overview**
- **An In Depth Review of Residential Fire Sprinkler Systems and Overview of Commercial Hood Suppression Systems**
- **Practical Code Enforcement for Building Officials**
- **2019 California Residential Code: Significant Changes**
- **Safety Assessment Program: Evaluator and Coordinator Training**
- **State Laws Enforced by Building Departments**
- **2019 CBC Chapter 11B Accessibility in Public Buildings, Public Accommodations, and Commercial Buildings: History, Use and Updates**
- **Housing A to Z: Overview of Various Types of Accessible Housing**
- **2019 California Electrical Code: Overview**
- **The Essentials for Permit Technicians**
- **From Model Codes to California Code Amendments and Adoption: The Code Development Process Explained**
- **2019 California Energy Code: Nonresidential Submittal Requirements (AM Half Day)**
- **2019 California Energy Code: Residential Submittal Requirements (PM Half Day)**
- **Understanding Access Law in California: Accessibility, Statutory Case Law and Code Enforcement for Existing Public Accommodations**
- **Simplified Structural Plan Review**
CALBO Training Institute (CTI) is pleased to present our 2019 valuable offerings of our Education Weeks throughout California:

| August 26-29, 2019 | Newport Beach Marriott |
| September 9-12, 2019 | San Ramon Marriott |
| October 14-17, 2019 | DoubleTree by Hilton Hotel Ontario Airport |
| December 16-19, 2019 | Hyatt Regency San Francisco Airport |

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](http://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**

<table>
<thead>
<tr>
<th>REGISTRATION TYPE</th>
<th>CALBO MEMBERS</th>
<th>NON-MEMBERS</th>
</tr>
</thead>
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<tr>
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</table>

**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.

**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**

<table>
<thead>
<tr>
<th>Location</th>
<th>Hotel Name</th>
<th>Address</th>
<th>Room Rate</th>
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</thead>
<tbody>
<tr>
<td>Newport Beach</td>
<td>Newport Beach Marriott</td>
<td>900 Newport Center Drive</td>
<td>$189.00+tax</td>
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<tr>
<td></td>
<td></td>
<td>Newport Beach, CA 92660</td>
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<tr>
<td>San Ramon</td>
<td>San Ramon Marriott</td>
<td>2600 Bishop Drive</td>
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<td></td>
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</tr>
<tr>
<td>Ontario</td>
<td>DoubleTree by Hilton Hotel</td>
<td>222 North Vineyard Avenue</td>
<td>$90.00+tax</td>
</tr>
<tr>
<td></td>
<td>Ontario Airport</td>
<td>Ontario, CA 91764</td>
<td></td>
</tr>
<tr>
<td>Burlingame</td>
<td>Hyatt Regency San Francisco</td>
<td>1333 Old Bayshore Highway</td>
<td>$149.00+tax</td>
</tr>
<tr>
<td></td>
<td>Airport</td>
<td>Burlingame, CA 94010</td>
<td></td>
</tr>
</tbody>
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**REGISTRATION TYPE**
- **CALBO MEMBERS**
- **NON-MEMBERS**

**REGISTRATION DEADLINES:**
- Newport Beach: Tuesday, August 13, 2019
- San Ramon: Tuesday, August 27, 2019
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**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.
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.

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).

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.

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 increased ventilation and indoor air quality requirements, changes to indoor and outdoor lighting, envelope, space conditioning, factory exhaust systems, 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.
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.

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.

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.

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 be provided to all attendees to use as a resource.
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.

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 this dynamic field. ESS are also covered as these systems will be incorporated into many PV systems over the next several years.

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 focuses on some of the big-ticket items during plan checking and inspections. A brief discussion regarding commercial fire suppression systems is also provided. 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 came 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.

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 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 in support of building department operations, and building inspectors who want to know when and how to “get tough” on violators.
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).

**Safety Assessment Program: Evaluator and Coordinator Training**

ICC PP COURSE NO. 1495 | .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.

**State Laws Enforced by Building Departments**

ICC PP COURSE NO. 20356 | .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.

**The Essentials for Permit Technicians**

ICC PP COURSE NO. 20353 | .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.

**Simplified Structural Plan Review**

ICC PP COURSE NO. 20364 | .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.

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

ICC PP COURSE NO. 20318 | .6 CEUs

2019 CALBO EDUCATION WEEKS

Course Descriptions
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 50K - 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.
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

Questions about these opportunities?
CONTACT:
Katie Almand
kalmand@calbo.org or 916-457-1103

Join us in celebrating the 58th CALBO ABM!
CALBO Launches the Seventh Year of the Building Officials Leadership Academy!

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

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.
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 — 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.

<table>
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<tr>
<th>CONTACT PERSON</th>
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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.

2019 CBC Chapter 11B Accessibility in Public Buildings, Public Accommodations, and Commercial Buildings: History, Use and Updates
ICC PP COURSE NO. 20237 | .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).

2019 California Energy Code: Residential Submittal Requirements
ICC PP COURSE NO. 20361 | .3 CEUs
PM Half Day

This course provides an overview of the updates to the 2019 Energy Standards for newly constructed residential 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.

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.

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.
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.

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.

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.

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, 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.

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 effect 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 be provided to all attendees to use as a resource.
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.

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.

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.

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.

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.

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.
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.

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 S&I 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).

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.

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.
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
kalmand@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!
Thank You
To All
2019-2020
CTI Instructors

Paul Armstrong
Ciara Barnett
Bill Brooks
John Caprarelli
Patrick Chew
Jesse De Anda
Gil Estrada
Richard Halloran
Chris Hansen
Doug Hensel
Brandon Ives
Chris Kimball
Bob Latz
William Mitchell
Matthew Nuckolls
Javier Perez
Sara Retmier
Charles Russell
Jay Salazar
Glenn Schainblatt
Stephanie Smith
Andrew Stuffer
George Thomas
Brad Wungluck

TRB + Associates
County of Los Angeles
Brooks Engineering
City of Santa Clarita
City of Roseville
City of Beverly Hills
City of Palm Springs
City & County of San Francisco (Retired)
Central Coast Access Specialists, LLC.
County of San Joaquin (Retired)
City of Los Angeles
West Coast Code Consultants, Inc.
CSG Consultants, Inc.
City of Los Angeles
City of Los Angeles
California Energy Commission
City of Hemet
VCA Code
City of Vacaville
City of Sebastopol
City of Murrieta
City of Santa Barbara
City of Danville
City of Manteca