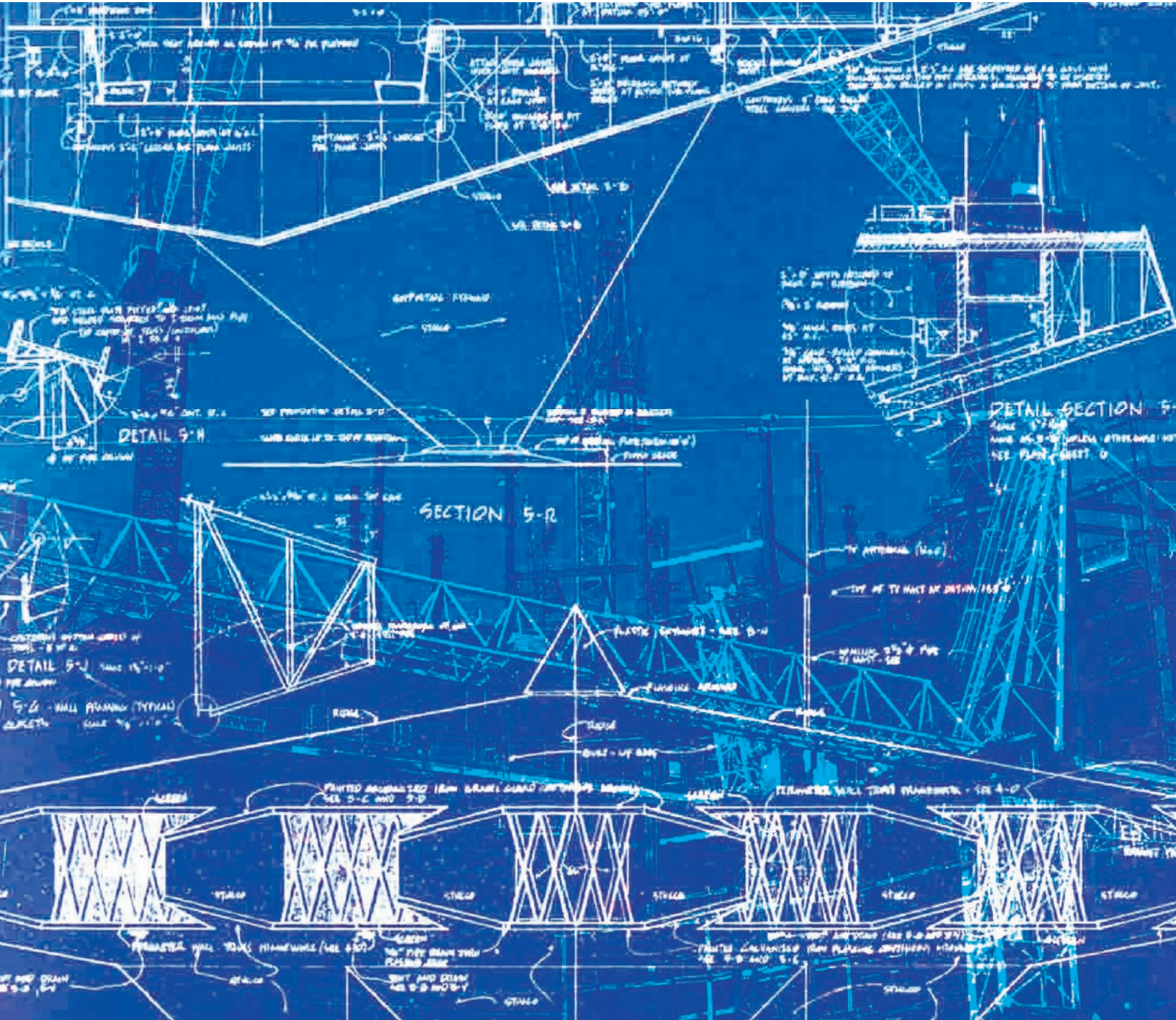


CALBO Training Institute's Education Weeks



San Ramon & Ontario



Register Online at www.calbo.org!

CALBO Training Institute (CTI) is pleased to continue the tradition of offering two Education Weeks taking place in both Northern California and Southern California. The 21st Annual Education Weeks will be held:

September 26 – September 29, 2011 in San Ramon, CA
 October 17 – October 20, 2011 in Ontario, CA

Registration

Registration is available in half-day, full-day, and full-week (4-Day) enrollment. *(Full week (4-Day) registrations may only be split between two individuals!)* The registration form must accompany full payment, purchase order, or credit card information. You can register online at www.calbo.org, or mail the form to the CALBO office at 1225 8th Street, Suite 425, Sacramento, CA 95814 or faxed to (916) 442-3616. Payment for registration should be received by the registration deadline. **The San Ramon registration deadline is September 16, 2011 and the Ontario registration deadline is October 7, 2011.**

Late Registration

Registration forms received after the registration deadline will have to register onsite. Late registrations must be submitted onsite at the CALBO registration desk and are accepted on a “space available” basis only.

Class Materials

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

Special Needs

If special accommodations or dietary needs exist, please notify CALBO staff at least 15 days prior to registered session.

Cancellation Policy

Cancellations received up to 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. You may submit all refund requests to info@calbo.org. Cancellations received less than 7 days prior to the first day of the session 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.

Fees

All registration fees include morning and afternoon refreshments and lunch.

Registration Type	CALBO Members	CALBO Non-Members
Full Week (4-Day)	\$540	\$720
Full Day	\$150	\$200
One Half-Day	\$100	\$120
Two Half-Days (same day, same person)	\$150	\$200

CALBO reserves the right to cancel a class for low enrollment. Registration may be transferred if class is cancelled.

Certificate of Attendance

It is the policy of CTI that Certificates of Attendance reflect the prescribed number of hours the student has participated in the subject matter. A certificate of attendance will be presented upon the completion of each class for those who attended the entire session. You will not receive credit if you do not attend the entire session.

Hotel Information

San Ramon Marriott
 2600 Bishop Drive
 San Ramon, CA 94583
 Reservation Number: 800-228-9290
 CALBO Room Rate: \$134.00 + tax
 Reservation Cut-Off Date: Friday, September 9, 2011
 Parking Information: Free parking is provided to all CALBO attendees.

Ontario Double Tree
 222 North Vineyard Avenue
 Ontario CA, 91764
 Reservation Number: 909-937-0900
 CALBO Room Rate: \$84.00 + tax
 Reservation Cut-Off Date: Monday, September 26, 2011
 Parking Information: Free parking is provided to all CALBO attendees.

Course Times

Full Day Course Times: 8:00 am - 3:30 pm
 Morning Course Times: 8:00 am – 11:15 pm
 Afternoon Course Times: 12:15 pm – 3:30 pm



2010 ADA Accessibility

This course will introduce attendees to the latest of the accessibility standards to be adopted for use in the U.S. Although its mandatory use will not be required until January 2012, it may be used locally, if adopted. These standards contain provisions for currently mandated accessibility requirements, for which Designers and Building Officials have not had previously. I.e. judicial facilities play ground equipment, boat docks, fishing piers, Amusement ride, etc. Additionally, these standards will require greater levels of accessibility than the current California Building Standards and the ADA of 1990 contain. This course is recommended for Building Officials, Designers, Plans Examiners, Field Inspectors, and a must for all Certified Access Specialist.

2010 California Building Code

In addition to highlighting the changes between the 2007 and 2010 California Building Code (CBC), this course will examine selected sections that have shown a tendency for misapplications. This course is designed to provide guidance and clarity on selected applications of the CBC, for the experienced user of the code. This course is recommended for Building Officials, Designers, Plans Examiners, Field Inspectors, and Counter Technicians.

2010 California Electrical Code

This full-day, fast-paced course is packed with illustrations that bring insight and intents for the numerous and significant changes to the California Electrical Code. Each of the four entirely new articles are explored, including one literally titled COPS! Major changes in Arc-Fault protection, Ground-Fault location requirements, and compliance requirements for the controversial tamper-resistant receptacles are explored in real-life applications. How to spot violations with the equipotential bonding grid for pools and discovering the new requirements for communications circuits will also be discussed, along with a variety of other compliance applications. Be sure to bring your 2010 code book – questions welcomed!

2010 California Mechanical Code

Based on the 2010 Uniform Mechanical Code with California Amendments, this full-day seminar provides a full overview of the California requirements covering: Combustion Air Openings & Sizing Calculations, Sources of Combustion Air, Ducts and Dampers, Prohibited Sources, Vent Installation and Construction Requirements, Sizing Gravity, Induced & Forced Draft Systems, Multiple Appliance Venting, Chimneys and Vents, Mechanical Draft Systems, Return and Outside Air: Area Requirements,

Prohibited Sources, Limitations, Vented Decorative Appliances, Room Heaters, Overhead Radiant Heaters, Incinerators, Direct Gas/Fired, Make Up Air Heaters and Individual Heaters, Clearances & Access.

2010 California Plumbing Code

Based on the 2010 Uniform Plumbing Code with California Amendments, this full-day seminar provides a full overview of the California requirements covering: Sizing of Drainage Systems, Cleanouts, Slope & Change of Direction of Drainage Flow, Use of Joints, Drainage Fixture units, Installation and Sizing of Building Sewers, Sumps & Sewage Ejectors, Indirect Waste Piping, Chemical Waste, Steam and Hot Water Drainage, Condensers and Sumps, Vent Sizing and Termination, Island Venting, Combination Waste and Vent and Wet Vents.

2010 California Residential Code

This full-day course examines critical concepts of the building provisions located in the 2010 CRC. It provides a basis for the correct use and application of the code and builds on an understanding of the intent of the code through practice with real-world examples. This course will also explore the California specific amendments of the CRC and will highlight the needed information every building department in California will need to know to begin enforcing the CRC. This course is applicable for all building inspectors, plans examiners, building officials, fire officials, designers and contractors.



Access: Side by Side Title III, 11b & Case Law

Access State and Federal regulations and case law; this one day course compares and contrasts the Federal 2010 Title III regulations , with a focus on sub part G, with California Statutory law , Chapter 11B Title 24 regulations and recent case law. Designed for those that want a fundamental understanding of the how the California Statutes, Title III regulations, Chapter 11B requirements fit together, and an overview of how various California Courts have viewed Civil rights and Accessibility. The class objectives are to increase ones understanding of Access regulations through a workshop like framework that includes exercises and discussion.



Housing Accessibility

A must for designers, plan checkers, field inspectors, and builders of multifamily residential projects in California. This full-day course covers accessibility requirements for multifamily residential projects, contained in the California Building Code. Emphasis is placed on the detailed require-

ments for paths of travel, parking, access to and within adaptable dwelling units including accessible plumbing, electrical and mechanical requirements. Accessibility requirements in the common and public use areas will be examined in depth. Site impracticality tests will also be presented and explored. This course applies toward the Building Official, Field Inspector, Plans Examiner, Design Professional and California Codes Credentials.

California Green Building Code

This class will introduce participants to the 2010 California Green Building Standards Code (CALGreen) from the Building Department perspective. CALGreen is Part 11 of CCR Title 24 and became effective on January 1, 2011. The class will briefly describe the development of CALGreen and the transition made from the voluntary 2008 CGBSC. The course will review the mandatory green building requirements of CALGreen for both residential and non-residential occupancies and explain how CALGreen is designed to interact with the other Parts of CCR Title 24, in particular Part 6 (California Energy Code). This course will help building department personnel explore the voluntary green building “stretch” measures available for projects to achieve CALGreen Tier 1 and Tier 2 status and examine options and resources available for AHJ’s to successfully adopt, implement and enforce CALGreen. Students will be provided an understanding of the process for enacting local amendments to CALGreen to suit local conditions. This course will explain the evolving relationship between CALGreen and 3rd Party Green Building rating systems (e.g. LEED, Build it Green-Green Point Rated, California Green Builder, etc.).

NEW! California Residential Fire Sprinkler Systems

They’re Here, Now what?!

This seminar will provide an overview of residential fire sprinkler systems and has been produced specifically for the AHJ community! Learn about the various types of systems, their configurations, installation instructions and inspection! Students will learn the history of the historic code change, what our State actually adopted, what our CA SFM has done to ease the process and what to look for in the field to inspect these installations. We will review the requirements of NFPA 13D: Standard for the Installation of Sprinkler Systems in One- and Two- Family Dwellings and Manufactured Homes, 2010 Edition, CRC 313.3 and Chapter 6 of the CPC pertaining to water supply and distribution. We will have manufacturer representatives present to address product-specific questions. Attendees will leave with checklists to aid in the inspection of a California residential fire sprinkler system.

California State Laws

Enforced by Building Departments

This full-day seminar is an introduction to California laws that are integral to, and in addition to Title 24 and other California codes and regulations. The focus is on statutes found in the Health and Safety Code, Government Code, Business and Professions Code, Labor Code, Public Resources Code, and Civil Code. Attendees receive CTT’s comprehensive collection of key statutes and the acclaimed, “Index of State Laws Enforced by Building Departments.” This course applies toward the Building Official, Code Enforcement and California Codes Credential. Instructors include CALBO’s administrator, and other prominent members of the industry.

Fire & Smoke Protection

This full-day course presents the materials and application of methods used to prevent the growth and spread of fires in buildings. The course includes a review and discussion of fire resistance-rated wall, floor-ceiling and ceiling-roof assemblies, fire-blocking and draft-stopping requirements, and the protection of openings, shafts and penetrations. Additional topics include testing protocol, the relationships between fire resistance-rated construction code requirements with building height and area, fire detecting suppression systems, egress systems, and methods of exterior construction for projects in designated Very High Fire Hazard Severity Zones (VHFHSZ). This course is designed for all levels of field inspectors, plans examiners, building officials, fire personnel and design professionals. This course applies toward the Building Official, Field Inspector, Plans Examiner and Design Professional Credential.

Historical Building Code

California’s Historical Building Code (Title 24, Part 8) provides a basis for exempting historical structures from the regular code requirements in certain circumstances. The recent rewrite of this code has resulted in numerous substantial changes of which every plans examiner, building inspector, and building official should be aware. This half-day course will provide a point-by-point analysis of all 10 chapters of the recently-reformatted code. Additionally, the role of the State Historical Building Safety Board will be examined, as well as a review of some of the more notable case precedents established by the Board over the past 20 years. This course applies toward the Building Official, Field Inspector, Plans Examiner and California Codes Credential.



Lateral Force Resisting Systems for Light Frame Wood Buildings

This full-day course will provide an overview of 2010 CBC requirements for the use of braced wall panels and for the design of wood framed shear-walls used for bracing of light framed wood buildings. The second half of the course, Seismic Restraints of Non-Structural Building Elements, will review code requirements for anchorage of non-structural building components found in the 2010 CBC and ASCE 7-05.



Means of Egress

Egress and Panic a view from top to bottom; viewing emergency egress by comparing code and case study. This course runs through the structure of egress as currently outlined in the 2010 CBC then compares and contrasts human behavior as covered in current egress theory with code requirements and the case histories of egress success and failures. This course looks at the structure of the code and the organization of chapter 10 then examines human behavior under panic situations. The course is designed for those that want the fundamentals of both code related egress as well as understanding of human behavior in emergencies. There is also a focus for those that wish to develop a deeper understanding of egress design and interpretation.

Nonstructural Plan Check I

This full-day course will cover a study of the techniques, methodologies, and related codes for plan check of residential and light commercial occupancies. Perfect for the beginning plans examiner, building inspector, or designer wishing to expand his/her knowledge of the plan check process. This course is offered twice at Education Week North and South and applies toward the Building Official, Design Professional, Counter Technician, and Plans Examiner Credential. Students should bring a calculator.

Nonstructural Plan Check II

A continuation of the principles of plan check as introduced in “Nonstructural Plan Check I.” The focus of this full-day class is on actual plan check techniques and “hands on” plan check experience. Students will be given the opportunity to participate in class discussion and roundtable activities related to plan check. Plan check 1 is recommended first. It is assumed that the student will have a moderate level of experience with the California Codes. Please bring a current edition of the California Building Code. As with Plan Check 1, this course will be of interest to those who wish to expand his/her knowledge in the area of plans examination.

It is offered twice at Education Week North and South and applies toward the Building Official, Design Professional, and Plans Examiner Credential.



Permit Technician I: Fundamentals

This course is designed as the first day of a two-day permit technician series. This series is specifically designed to provide an overview of all aspects of building department counter functions and responsibilities with a realistic “hands on” approach of what you can expect in everyday situations experienced at the front counter. It is perfect for the front-line employee, new transfers to the department, administrative assistants, or inspectors and others who could benefit from a true awakening of front counter responsibilities and situations. Permit Technician I: Fundamentals will include discussions on customer service, plan review intake, occupancy classifications, contractor’s state licensing classifications, laws related to contractor’s license classifications, worker’s compensation, owner builder law, document retention and copying, the newly adopted California Green Code, and more. This course applies toward the Counter Technician Credential.



Permit Technician II: Practical Application

**Prerequisite: Permit Technician I: Fundamentals*

This course is designed as the second day of a two-day permit technician series. This series is specifically designed to provide an overview of all aspects of building department counter functions and responsibilities with a realistic “hands on” approach of what you can expect in everyday situations experienced at the front counter. It is perfect for the front-line employee, new transfers to the department, administrative assistants, or inspectors and others who could benefit from a true awakening of front counter responsibilities and situations.



Practical Code Enforcement for Building Officials

This course will cover practical applications for the enforcement of state and local codes. Topics covered will 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 the CSLB; and how to structure appeals processes related to code enforcement actions. 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.



Residential Fire Protection Systems

This full day class was created and developed with the primary focus on providing information on the proper type and arrangements of residential fire sprinklers, smoke alarms, and carbon monoxide detectors for the Code Professional. Learn from the experts who have the technical knowledge and expertise on fire sprinklers and their effective life/property protection capabilities, the different types of smoke alarms and their advantages and disadvantages, proper location of these devices for maximum protection, and the technology behind these systems.

Retail Tenant Improvements

This course covers the plan review of retail tenant improvement drawings associated with single story outdoor shopping centers typically called “Factory Stores.” It covers typical requirements associated with changes that are required for egress, access and energy for this type of retail tenant improvement application. Typical issues not addressed in design relate exiting through store rooms, tactile signage, aisle width, accessible transaction stations, dressing rooms, toilet facilities, and energy requirements for the lighting design (review of the tailored method for lighting requirements).

Solar Photovoltaic Systems

This is a full day course to aid counter technicians, plan checking, and field inspectors better understand the intent, and changes, to California Electrical Code Article 690 - Solar Photovoltaic Systems. Discussions will include 3 things you should NEVER see on a set of plans or in the field. Also included are new labeling requirements, and illustrations to clarify the numerous changes with an

interactive approach. With the ever-changing technology and multitude of new solar products, having a better understanding of the intent of the code and the 2010 changes is a must for those involved with the fastest growing segment of the electrical industry. This course applies toward the Code Enforcement, Counter Technician, and Field Inspector Credentials.



Swimming Pools & Electricity 7 Things Every Inspector Should Know

Invest one-half day in this BRAND NEW course, and you will go away mind weary! Besides all the sections of the 2010 California Electrical Code Article 680 that require an inspector’s attention for swimming pools and spas, did you know there are sections of Chapters 1 and 3 of the electrical code that are often neglected- yet just as important and pertinent to pool safety and code compliance?

You will learn:

- WHY electrical bonding is so critical
- HOW to tell if electrical bonding is complete and compliant, updated to the new 2010 code standards – (and YES, you ARE required to bond the GRASS now!)
- 5 most common violations pool contractors make
- We will also answer the question “what is a Nertle? And why should I care?”

Additionally, you will view video of actual pool inspections, so you can identify various violations and compliance issues and how they pertain to in-the-field experiences. Bring your 2010 California Electrical Code book.

Zoning & Land Use

This fast-paced, half-day seminar will discuss the factors important to land use development and the developmental review process our planners face on a daily basis. Students will gain an understanding of the importance of the general plan, specific and master plans, development standards, CEQA, the Subdivision Map Act, and local coastal plans and they will gain knowledge concerning the general development review and entitlement processes. Students will learn how zoning codes address topics such as building height, area, number of stories, lot coverage, setbacks, articulation, and exterior finish materials and how those topics are similarly addressed by the building codes. Students will also learn how accessibility by the disabled, the new CALGreen Code, NPDES, and the public participation process may affect the design of a project. This is an excellent class for counter technicians, plans examiners, planners, architects and engineers alike.

REGISTRATION

Please type the information below and select the course(s) you would like to attend on page 7. Mail or fax **both sides** of the registration form, along with payment information, to the address or fax number listed below.

JURISDICTION/COMPANY: _____

NAME: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

PHONE: _____ FAX: _____

EMAIL: _____

(Important! Confirmations will be sent via email.)

CALBO MEMBER? Yes No

LOCATION: San Ramon Marriott Ontario Double Tree

TOTAL COST:

Registration Type	CALBO Members	CALBO Non-Members
Full Week (4-Day)	\$540	\$720
Full Day	\$150	\$200
One Half-Day	\$100	\$120
Two Half-Days (same day, same person)	\$150	\$200

Request for Vegetarian Lunch

Note Preferred Payment Method:

Check Invoice/P.O. # _____ Credit Card Visa MasterCard Exp. Date: _____

Credit Card Number: _____ Name as it appears on card: _____

Signature: _____

Billing Address (If different): _____

Registration and payment information:

ONLINE: www.calbo.org

MAIL: CALBO, 1225 8th Street, Suite 425, Sacramento, CA 95814

FAX: (916) 442-3616

Please note: All class are full day unless otherwise noted (marked AM or PM). Full-day courses are scheduled for 8:00am – 3:30pm. Half-day courses are scheduled for 8:00am-11:15pm or 12:15pm – 3:30pm. Certificates will be given to attendees who stay for complete classes only, no exceptions.

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 registrants. Lunch will be 11:15 pm – 12:15 pm. Morning and afternoon refreshments will be provided to all attendees.

OFFICE USE ONLY: CC	CK	INV	#	\$	DATE
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2011 Education Week Schedule

Registration Deadlines - **San Ramon:** Friday, September 16, 2011 | **Ontario:** Friday, October 7, 2011

Monday San Ramon: 9-26 Ontario: 10-17	Tuesday San Ramon: 9-27 Ontario: 10-18	Wednesday San Ramon: 9-28 Ontario: 10-19	Thursday San Ramon: 9-29 Ontario: 10-20
<input type="checkbox"/> 2010 CA Building Code	<input type="checkbox"/> 2010 CA Residential Code	<input type="checkbox"/> 2010 ADA Accessibility	<input type="checkbox"/> CA Green Building Code
<input type="checkbox"/> Residential Fire Protection System	<input type="checkbox"/> Historical Building Code	<input type="checkbox"/> CA Residential Fire Sprinkler Systems	<input type="checkbox"/> Housing Accessibility
<input type="checkbox"/> Permit Technician I: Fundamentals <input type="checkbox"/> Permit Technician II: Practical Application Recommended as a Two-Day Series*		<input type="checkbox"/> AM: Zoning & Land Use <input type="checkbox"/> PM: Swimming Pools & Electricity	<input type="checkbox"/> Fire & Smoke Protection
<input type="checkbox"/> Lateral Force Resisting Systems for Light Frame Wood Buildings	<input type="checkbox"/> Means of Egress	<input type="checkbox"/> Solar Photovoltaic Systems	<input type="checkbox"/> CA State Laws Enforced by Building Departments
<input type="checkbox"/> Access: Side by Side Title III, 11b & Case Law	<input type="checkbox"/> 2010 CA Plumbing Code	<input type="checkbox"/> 2010 CA Mechanical Code	<input type="checkbox"/> 2010 CA Electrical Code
<input type="checkbox"/> Nonstructural Plan Check I	<input type="checkbox"/> Nonstructural Plan Check II	<input type="checkbox"/> Retail Tenant Improvements	<input type="checkbox"/> Practical Code Enforcement for Building Officials

*Students must attend Permit Technician I: Fundamentals before attending Permit Technician II: Practical Application.