

## 2014-2015 CALBO Approved ICC Preferred Provider Program Course Directory

Below is a course directory detailing all 2014-2015 CALBO courses approved within the ICC Preferred Provider Program. If you have any questions, please contact CALBO at 916-457-1103 or info@calbo.org.

Provider	Course Title	Course Description	Specialty	Course Type	Contact Hours	Status	CEUs	Course Number	Submission Date to ICC
California Building Officials	2013 California Building Code	This course is conducted in a workshop format with active discussions of the significant non-structural revisions that will help with the transition to the latest CA CBC. The course highlights those areas that have been revised from the 2010 CBC with other code topics welcomed for discussion. The course is appropriate for experienced and not-so-experienced users of the CBC. Joint CALBO/ICC publication will be available with this course.	Building	In-Person	6	Approved	0.6	2838	5/13/15
California Building Officials	2013 California Building Code and California Residential Code Wood Provisions	This course covers detailed structural requirements for wood frame structures including related referenced standards and topics related to wood framing design and inspection. This course is designed for permit technicians, plan reviewers, inspector and other design professionals who want to improve their knowledge of CBC and CRC 2013 wood provisions. Topics include conventional wood framing, load path detailing in wood, wood shear walls, manufactured wood products and connection detailing.	Building	In-Person	6	Approved	0.6	2861	5/13/15
California Building Officials	2013 California Electrical Code	This course is designed to help clarify the numerous changes to the 2013 California Electrical Code. The discussions will center on the background and intent of the significant changes of the code cycle. Also illustrated will be substantial changes to the equipotential bonding grid for swimming pools and the new requirements for bonding communication circuits will also be discussed.	Electrical	In-Person	6	Approved	0.6	2837	5/13/15
California Building Officials	2013 California Fire Code	Covering the Significant Changes to the 2013 California Fire Code, this course provides participants with tools to identify differences between the 2010 CBC and the 2013 CBC, explains the differences between the current and previous edition, and identifies key changes in organization and code requirements. Additional discussion includes differentiating between a statute and regulation, identifying Model Code vs. State Code, properly reading and interpreting the Matrix Tables, and much more.	Fire	In-Person	6	Approved	0.6	2860	5/13/15
California Building Officials	2013 California Fire Code Overview	This course provides participants with extensive, in-depth information about the fire and life safety standards of buildings as they relate to Titles 19 and 24. Discussion topics include types of construction, laws and regulations pertaining to fire protection and detection systems, interior finishes, fire protection systems, occupancy classifications, special fire related building components, and more. Participants should bring the California Fire Code 2013 published by ICC to the course.	Fire	In-Person	6	Approved	0.6	3240	6/4/15
California Building Officials	2013 California Residential Code	This course examines the significant revisions to the 2013 California Residential Code (CRC). The course highlights those areas that have been revised from the 2010 CRC with other code topics always welcomed. It is recommended for Building Officials, Architects, Designers, Home Builders, Plans Examiners, Field Inspectors and Counter Technicians. Joint CALBO/ICC publication will be available with this course.	Building	In-Person	6	Approved	0.6	2261	3/27/15
California Building Officials	2013 CBC Chapter 11A: Privately Funded Multi-Family Dwelling Accessibility	This course provides attendees with an understanding of the adaptable housing requirements for privately funded multi-family dwellings in California. This course covers selected scoping and technical provisions with an emphasis the practical applicability of the requirements.	Accessibility	In-Person	6	Approved	0.6	2840	5/13/15
California Building Officials	2013 CBC Chapter 11B: Accessibility in Public Buildings, Public Accommodations, Commercial Buildings and Public Housing	This course will provide attendees a working understanding of the disabled access provisions contained in Chapter 11B, with an emphasis on the interpretations and intent of selected administrative, scoping and technical requirements.	Accessibility	In-Person	6	Approved	0.6	2260	3/27/15
California Building Officials	2013 Essentials of California Mechanical Code	This course offers participants an opportunity to learn the basics of the 2013 CMC. This course focuses on topics covered in the code, such as furnace installation, air conditioning theory and application, ducts and smoke/fire dampers, commercial kitchen exhaust systems, product conveying systems, machinery rooms, sizing venting systems using Chapter 8 tables, as well as some important changes that have been made in this new edition.	Building	In-Person	6	Approved	0.6	2842	5/13/15
California Building Officials	2013 Essentials of California Plumbing Code	This course provides a fundamental understanding of the 2013 CPC. Each chapter is covered in an easy-to-understand way that supplies the "need to know" information required to successfully understand and apply the provisions of that chapter. This course will include examples covering sizing plumbing systems, such as drainage and venting, water, gas and roof rainwater drainage systems. Participants will be able to apply the knowledge learned by working on practical exercises.	Building	In-Person	6	Approved	0.6	2843	5/13/15
California Building Officials	2013 Green Building Code	This course is designed for those involved with compliance and enforcement of the new 2013 California Green Building Standards Code (CALGreen). The course explores challenges and issues faced by inspectors, plans examiners, contractors and designers concerning construction, inspection, documentation and other enforcement issues. Strategies for compliance will also be discussed. This class will address residential and commercial requirements of the 2013 California Green Building Standards Code.	Building	In-Person	6	Approved	0.6	2839	5/13/15
California Building Officials	Abatement of Substandard Housing and Dangerous Buildings	This course is intended for building officials and code enforcement personnel engaged in the abatement of substandard and dangerous buildings within the scope of the California Health and Safety code. Students attending the class will learn about applicable laws, inspection procedures, investigative techniques, required notifications and cost recovery methods.	Sitework	In-Person	6	Approved	0.6	2851	5/13/15
California Building Officials	Accessibility and Public Works	This course addresses accessibility provisions that may be typically public works projects (whether publicly or privately funded) including, but not limited to: streets, on-street parking, sidewalks, curb ramps, traffic control devices, signage, parks, play areas, trails and paths, beaches, swimming pools, and shared use paths.	Accessibility	In-Person	6	Approved	0.6	2841	5/13/15
California Building Officials	Budgeting and Finance for Building Officials	This course reviews the budgeting process for building departments and will give a Building Official the tools to properly operate and function in today's economy. The course will give a hands-on approach to the line item budget. Participants will learn methods to justify expenditures and demonstrate how to offset expenditures with the revenues. Focus will also be given to complex issues, such as revenue projections and fee studies, to help recover department operating expenses.	Administration	In-Person	6	Approved	0.6	2844	5/13/15
California Building Officials	Building Commissioning	This course covers the basic steps in gathering the necessary documents together and the process for the field inspection staff to complete the building department's requirements of commissioning new structures. There will be an emphasis on the proper forms for the field inspection staff to review and complete. Intended for plans examiners and building inspectors.	Building	In-Person	6	Approved	0.6	2858	5/13/15
California Building Officials	Building Department 101	This course explores Building Departments and the requirements to operate and enforce building regulations. Discussion includes career paths in code enforcement, the purpose and evolution of codes, and the Governmental Agencies responsible for supporting and enforcing those codes. The course intent is to educate attendees of the potential career paths of code enforcement and to create an interest for future employees.	Administration	In-Person	6	Approved	0.6	3056	5/13/15

California Building Officials	Calculation Requirements Based on the 2013 California Electrical Code	This expanded full-day, six hour course includes worksheet examples for participants to apply calculation requirements of the CA Electrical Code. Participants work through calculations typically encountered on residential and commercial occupancies, including fundamentals of electrical systems, conductor ampacity sizing, conductor ampacity deration, conduit and raceway sizing, transformer protection, motor overcurrent and overload protection, motor locked-rotor disconnect sizing, and electrical load calculations.	Electrical	In-Person	6	Approved	0.6	3245	6/4/15
California Building Officials	Calculation Requirements of the 2013 California Electrical Code	This half-day, three hour course covers major topics that building inspection and plan check staff need to know in applying the required calculations of the CEC. Subjects include: conductor ampacity applications, ampacity deration, "tap rule" sizing, conduit and raceway sizing, transformer protection, motor overcurrent protection, group motor protection, locked-rotor horsepower ratings, residential electrical service calculations, and short circuit protection applications. Application and examples are provided.	Electrical	In-Person	3	Approved	0.3	2848	5/13/15
California Building Officials	Case Preparation and Expert Witness	This course is designed for building officials and code enforcement personnel engaged in the abatement of substandard and dangerous buildings and code enforcement cases. Participants will learn about applicable laws, investigation techniques, evidence gathering, report writing, dealing with legal counsel, depositions, and presenting cases before appeals boards and the courts.	Sitework	In-Person	6	Approved	0.6	2852	5/13/15
California Building Officials	Creating an Administrative Foundation for a Successful Building Department	This course explores the day-to-day challenges of operating a building department. Attention will be given to personnel matters and developing quality employees. Instructors will discuss how written policies and procedures help foster a consistent approach for staff and result in an expectation of good service to the public. The course will review specific expectations of IAS and ISO in regards to how a building department should operate.	Administration	In-Person	6	Approved	0.6	2651	4/24/15
California Building Officials	Critical Thinking for Today and Tomorrow	Critical Thinking is a structured process for evaluating all types of information. In the profession of code regulation, an individual is approached by different pressures influencing our decisions, policies, and practices. Maintaining an intellectual, ethical and emotional balance of these influences is tied to how we learned to process and evaluate information. This course is designed to refresh, or introduce, critical thinking skills for building officials, directors and city managers.	Administration	In-Person	6	Approved	0.6	2653	4/24/15
California Building Officials	Disabled Access Case and Statutory Law from the Building Official's Perspective	This course explores Disabled Access statutes, regulations, and case law associated with disabled access from a Building Official's perspective. It is intended to give Building Department staff knowledge to use to assist individuals seeking information about disabled access issues. This course also covers various Federal Circuit Disabled Access Case Law related to both commercial facilities and housing, relationship of statutes and regulations, who can sue for a civil rights violation, and more.	Accessibility	In-Person	6	Approved	0.6	1497	2/13/15
California Building Officials	Effective Communication	In this course, participants will gain an understanding of how health, stress, culture, education, and personal experience play into the communication process along with strategies that can be used to improve communication. Participants will learn: personal safety tips when dealing with difficult customers; how to encourage voluntary compliance; how to recognize when a conversation may become an argument; the importance of documentation; how to overcome your own communication limitations.	Administration	In-Person	6	Approved	0.6	2845	5/13/15
California Building Officials	Electrical Compliance Issues for Building and Code Officials Based on the 2013 California Electrical Code	There may be "uncertainties" of electrical systems with existing-noncomplying situations, incorporating new and existing circuits, and variations of utility supply. The uncertainties can lead to misapplication of code, a reluctant acceptance of contractor work, or project delays. This course focuses on issues that the code official should be aware for the anticipation and avoidance of issues of the electrical trade along with an understanding of major compliance items of the CA Electrical Code.	Electrical	In-Person	3	Approved	0.3	3236	6/4/15
California Building Officials	Fire-Resistance Rated 101 for Combustion	This course is designed to help participants learn or improve their understanding of the 2012 IBC fire resistance rated construction while forming the basis for understanding the fire resistance rationale behind proposals for larger and taller wood structures. Discussion will include practical considerations for several common construction details and configurations. The course incorporates discussion about the requirements found in Chapters 2,5,6,8,9,10 and 14 and state code amendments.	Fire	In-Person	6	Approved	0.6	2864	5/13/15
California Building Officials	Grounding and Bonding	Completely revised to the current edition of the NEC, this course is based on the authoritative text Soares Book on Grounding and clearly explains the fundamentals and practice of grounding in easily understood language. Participants will (1) understand grounding of electrical systems and equipment for safety, (2) know the grounding for systems, services, feeders, branch circuits, and equipment, and (3) understand sizing requirements for bonding and grounding conductors and much more.	Electrical	In-Person	3	Approved	0.3	2846	5/13/15
California Building Officials	Hazardous Materials	This course introduces the participants to unique or unusual construction and prevention challenges. Topics include special hazards, hazardous materials, hazardous occupancies, and much more. This course is intended for building officials, fire officials, and plan reviewers safety professionals.	Building	In-Person	6	Approved	0.6	2859	5/13/15
California Building Officials	Historical Building Code	Every plans examiner, building inspector, and building official should be aware of the unique provisions that are applicable to qualified historic buildings. This course will provide a point-by-point analysis of all 10 chapters of the California Historical Building 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.	Building	In-Person	3	Approved	0.3	2853	5/13/15
California Building Officials	Know Yourself and Understand Others	This course focuses on developing awareness of your behavioral preferences and the preferences of your coworkers in the work environment. It is designed to help those who interact with the public, other agencies, and coworkers on a regular basis. Attendees will learn problem solving in the present moment and understanding of the 5 Agreements. Overall, attendees will learn skill development associated with interpersonal and problem-solving processes for staff of the building industry.	Administration	In-Person	6	Approved	0.6	1491	2/13/15
California Building Officials	Lighting Compliance for Non-Residential Occupancies Based on the 2013 California Energy Code	This course provides a concise and simplified understanding of the lighting and electrical requirements of the 2013 Energy Efficiency Standards, Title-24 Part 6. The course covers the basics of lighting compliance and the devices that are commonly encountered in design and construction. New buildings, tenant improvements, additions and alterations are included in the review of Energy Code requirements and the compliance and calculation forms.	Electrical	In-Person	3	Approved	0.3	3235	6/4/15
California Building Officials	Marijuana Enforcement Issues	This course covers the history and law of marijuana cultivation, and how it relates to building safety and code enforcement professionals. A review of indoor and outdoor cultivation techniques that inspectors may encounter is presented as well as local ordinance jurisdictions adopted to address these circumstances. Attendees will be educated on the current marijuana cultivation landscape and likely future trends.	Sitework	In-Person	3	Approved	0.3	3238	6/4/15

California Building Officials	Means of Egress	This course covers the basic exiting requirements of the 2013 CBC Chapter 10. The general requirements for the three part means of egress system will be discussed. Course participants will be provided with practical exercises during the class as well. Participants should bring the 2013 CBC Part 2, Volume 1. This course is for anyone interested in learning egress as well as permit technicians wanting to advance, commercial designers, architects, building and fire plan reviewers, and inspectors.	Building	In-Person	6	Approved	0.6	2865	5/13/15
California Building Officials	Non-Residential Energy Standards for Envelope, Mechanical and Plumbing	This course simplifies the regulations of the 2013 Energy Code focusing on non-residential energy standards. The course reviews how to plan check the performance method and the prescriptive method of compliance, and a concise list of items to inspect following the typical construction phases. The course includes pictures of proper installation techniques and how to identify violations effectively. This course covers the "Envelope," the "Mechanical" and "Plumbing" requirements of the Energy Code	Energy	In-Person	6	Approved	0.6	3234	6/4/15
California Building Officials	Non-Residential Plan Check	This course provides a step-by-step approach to performing a plan review of a moderately-sized commercial project. The instructor covers the following portions of the review: (1) code analysis (i.e., occupancy classification, type of construction, location on the property, allowable areas & heights, etc.), (2) fire & life safety (fire resistance, fire protection, exiting, etc.), (3) structural & special inspections, (4) mechanical & plumbing, and (5) electrical.	Building	In-Person	6	Approved	0.6	2863	5/13/15
California Building Officials	Permit Technician 101	This course is the first course of a two day course series. Registration for Permit Technician 102 is required. This course provides information on code administration and history, legal aspects, customer service, basic plan review, inspection process, zoning requirements, permit fee calculations, basic occupancy and construction types, and basic means of egress. Please bring a calculator, 2012 IBC, 2012 International Zoning Code, Legal Aspects of Code Administration, & Basic Code Enforcement.	Administration	In-Person	6	Approved	0.6	3241	6/4/15
California Building Officials	Permit Technician 102	This course is the second course of a two day course series. Registration for Permit Technician 101 is required. This course provides information on code administration and history, legal aspects, customer service, basic plan review, inspection process, zoning requirements, permit fee calculations, basic occupancy and construction types, and basic means of egress. Please bring a calculator, 2012 IBC, 2012 International Zoning Code, Legal Aspects of Code Administration, & Basic Code Enforcement	Administration	In-Person	6	Approved	0.6	3242	6/4/15
California Building Officials	Persuasive Communication	This new course takes an in-depth look at staff report writing and presentations for building departments along with preparation of ordinances and resolutions. Participants will gain the tools to properly write and present to their respective administrative makeup. The course will be a hands-on approach to the preparation of staff reports, offer insight into crafting each element to provide clear value and understanding, and explain how to present the item in order to ultimately win approval.	Administration	In-Person	6	Approved	0.6	2652	4/24/15
California Building Officials	Practical Code Enforcement	This course covers practical applications for the enforcement of state and local codes. Topics 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, and how to structure appeals processes related to code enforcement actions. This course is ideal for administrators of the building code, enforcement officers or officials, and building inspectors.	Building	In-Person	6	Approved	0.6	3055	5/21/15
California Building Officials	Receivership and Other Legal Actions	In this course, participants will learn how receivership and injunctions are employed during code enforcement matters. The course covers at what stages of a code enforcement case these legal maneuvers can be used. In addition, attendees will learn what documentation is needed to facilitate court action in a code enforcement case. This course applies toward the building official, code enforcement and California codes credential.	Building	In-Person	3	Approved	0.3	2849	5/13/15
California Building Officials	Residential Care Facilities	This course was developed with the California State Fire Marshal's Advisory Committee for Residential Care. Using the latest SFM regulatory changes and recent Residential Care Facility Handbook developed by the NORCAL Building Standards Committee, this class is intended to assist in the detailed aspects typical during a plan review. Focus will be given to classifying occupancy and transition from a typical multi-family residence or single family residence to a residential care facility.	Building	In-Person	6	Approved	0.6	2854	5/13/15
California Building Officials	Residential Energy Standards	This course simplifies the regulations for proper enforcement of the 2013 Energy Code. The first part of the course will review how to plan check the performance method and the prescriptive method of compliance. The second part of the course will review a concise list of items to inspect following the typical construction phases. The course includes pictures of proper installation techniques that identify the areas of construction requiring inspection and how to identify violations effectively.	Energy	In-Person	6	Approved	0.6	2862	5/13/15
California Building Officials	Residential Energy Standards for Inspectors	This course is directed to inspectors with a concise inspection list of items for each construction phase, including how to inspect new buildings and additions/alterations to existing residential. The class includes proper installation techniques that identify construction areas requiring inspection and issues inspectors should know to identify violations. The performance method and prescriptive method, indicating where to find information for compliance with the Energy Standards, are included.	Energy	In-Person	3	Approved	0.3	1499	2/13/15
California Building Officials	Residential Energy Standards for Plan Checkers	This course is directed to plan checkers with instructions on how to plan check the performance method as well as the prescriptive method of compliance. The class will not only explain how to review a new building, but it will also include a review of additions and alterations to existing residential buildings. Attendees will also learn important energy saving features required by the new Energy Standards and to assist them in recognizing these features on the plans and the compliance forms.	Energy	In-Person	3	Approved	0.3	1500	2/13/15
California Building Officials	Residential Inspection	This course provides participants with a logical approach to residential field inspections with a focus on new items for compliance with the 2013 California Codes and a review of typical items missed by builders and inspectors. This course will be presented in an interactive manner utilizing props, smart phones and other innovative learning methods.	Sitework	In-Person	6	Approved	0.6	2857	5/13/15
California Building Officials	Residential Plan Check	This class is designed to review the steps for performing residential plan review, with a focus on new items for compliance with the 2013 California Codes. The instructor will also discuss critical items that are missed on plans and are difficult to resolve in the field. This class will be presented in an interactive manner utilizing plans and other innovative learning methods.	Building	In-Person	6	Approved	0.6	2856	5/13/15
California Building Officials	Residential Sprinkler Systems	This course covers Residential Fire Sprinklers, based on the 2013 Edition of the NFPA 13D, reviewing the process from application to final field approval. The course will focus on the critical path starting from the water purveyor to a three dimensional viewpoint while reviewing plans. Both plan checkers and inspectors will gain valuable knowledge in understanding the entire approval process from start to finish. Please bring a calculator for part of the plan review process.	Fire	In-Person	6	Approved	0.6	2847	5/13/15

California Building Officials	Right of Entry in Code Enforcement	This course covers what inspectors and enforcement officers have to obtain to access property and document code violations while maintaining balance with the private property rights afforded to property and business owners. Inspection and enforcement issues related to work done under permit, unpermitted work, zoning and nuisance code violations are the focus of this course along with how local, state, and federal laws affect your ability to gain code compliance.	Sitework	In-Person	3	Approved	0.3	3237	6/4/15
California Building Officials	Safety Assessment Program: Evaluator and Coordinator Training	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 and how to rate the safety significance of that damage. The basics of the SEMS and the NIMS will be discussed. For individuals who are already currently certified as either SAP Evaluators or SAP Coordinators, this course will qualify as a renewal course, effectively extending the certification for another 5-year period.	Sitework	In-Person	6	Approved	0.6	1495	2/13/15
California Building Officials	Search and Seizure Laws	In this course, participants will learn about the privacy rights of property owners and permittees along with how to gather evidence of code violations on private property and what to do when permission to enter the property or inspect conditions is denied. Participants will be informed about what federal state and local laws govern inspections on private property as well as what court cases effect their work.	Sitework	In-Person	3	Approved	0.3	2850	5/13/15
California Building Officials	Seismic and Wind Design Considerations for Wood Framed Structures	The overall strength of a building is a function of all of the components – roof, walls, floors, and foundation – working together as a unit. This course provides a top to bottom overview of lateral design for wood framed structures. Topics of discussion include lessons learned from natural disasters, load path continuity, the 2013 California Residential Code Wall Bracing Provisions, updates to the 2013 California Building Code, Shear Wall Design Alternatives and APA research.	Building	In-Person	6	Approved	0.6	2855	5/13/15
California Building Officials	Solar Photovoltaic Systems	This course will assist attendees with how to better understand the intent and changes to the 2013 California Electrical Code Article 690 - Solar Photovoltaic Systems. Discussions will include things you should and should not see on a set of plans or in the field, new labeling requirements, and illustrations to clarify the numerous changes including arc fault detection. Details will also be provided on the new requirements of AB2188 and the new standard electrical plans will be reviewed.	Energy	In-Person	6	Approved	0.6	1496	2/13/15
California Building Officials	State Laws Enforced by Building Departments	This course features a new introduction in the reference book of State Laws published by CALBO focusing on state codes used by Building Departments to have a better understanding where to look for statutes. Focus remains on the Health and Safety Code, Government Code, Business and Professions Code and six other State Codes that building departments have responsibilities with. There will also be a discussion on State Laws that have been a challenge and how to better enforce to ensure compliance.	Administrati on	In-Person	6	Approved	0.6	1494	2/13/15
California Building Officials	The 2013 California Building Code and Its Inter-Relationship with Other Department Regulations	This course explores the provisions of the 2013 California Building Code and it's inter-relationship with other department regulations. The CBC's code provisions and other sets of jurisdictional regulations can frequently collide if their interface is not understood early in the design process or entitlement stages. Specific examples are reviewed in a workshop like format. This course is designed for building officials, planners, public works staff, plan review examiners, and inspectors.	Building	In-Person	6	Approved	0.6	3239	6/4/15
California Building Officials	Urban and Regional Planning I	This course is the first course of a two-day course series. Registration for Urban and Regional Planning II is required. It is designed for counter technicians, building department staff, department of public works staff, and fire prevention staff for the purpose of providing information and clarification of land-use planning, function of the planning permit process, and the role of urban planners and policy makers as part of the team in the development review process.	Sitework	In-Person	6	Approved	0.6	3243	6/4/15
California Building Officials	Urban and Regional Planning II	This course is the second course of a two-day course series. Registration for Urban and Regional Planning I is required. It is designed for counter technicians, building department staff, department of public works staff, and fire prevention staff for the purpose of providing information and clarification of land-use planning, function of the planning permit process, and the role of urban planners and policy makers as part of the team in the development review process.	Sitework	In-Person	6	Approved	0.6	3244	6/4/15