



Convenient location with all classes in one place!

Minstitute ²⁰¹⁷

MAY 1 - 4

Citrus Heights Community Center
6300 Fountain Square Drive
Citrus Heights, CA

Join us for our annual training event!

This year brings a full schedule of the latest in training for the building industry as well as some returning favorites. Strategic focus will be on code updates as we begin utilizing the new 2016 California Codes.

We are an ICC Preferred Provider—enjoy an outstanding assembly of the finest industry instructors, dynamic and informative classes as well as extremely affordable pricing.

We look forward to seeing you there!

TIME

Registration: 7:00am
Classes: 8:00am to 4:00pm

COSTS

Early Registration: Until April 15th Per Class: \$135 Members | \$160 Non-Members
Late Registration: After April 15th Per Class: \$150 Members | \$180 Non-Members

Registration includes lunch and light snacks.

Please visit www.svabo.org to complete the registration form and provide payment.

CLASS MATERIALS

An added bonus this year is early and convenient access to all class handouts. Log onto www.svabo.org to download and print your seminar/class information ahead of time! Don't forget to bring all handouts and necessary code books with you to the conference.

LODGING

Overnight Accommodations | Reserve by April 11th, rooms are limited!

Best Western Plus Orchid Hotel & Suites
130 North Sunrise Avenue | Roseville, CA 95661
For reservations: 916-784-2222
Group Rate: \$109 | Mention "SVABO"
Visit SVABO.org to book your room online

Lake Natoma Inn
702 Gold Lake Drive | Folsom, CA 95630
Group Rate: \$95 | Group Name: SVABO
www.lakenatomainn.com

ACCESSIBILITY

Additional information and online reservation link is available at www.svabo.org
Contact us for any special accessibility or dietary needs.

MONDAY

May 1

Electric Vehicles and 2016 CA Electrical Code Updates

Mike Stone | NEMA

2016 Residential Energy Standards Overview

Chris Olvera | California Energy Commission

2016 CBC Updates

Todd Snider | West Coast Code Consultants

Electrical Code 101

Adam Sessions | Shums Coda Associates

TUESDAY

May 2

Residential Plans Examiner/Building Inspector Energy Code Essentials

Brian Selby | Selby Energy, Inc.

2016 Non-Residential Energy Standards Overview

Chris Olvera | California Energy Commission

California Residential/Multi Family Housing Accessibility Requirements (CBC 11A and FHA)

Paul Klein | CalCASP

Firestopping: Plan Review & Inspection

Brice Miller | Fire Containment Training Services, LLC

WEDNESDAY

May 3

2016 Title 24 Part 6 Essentials: Nonresidential Standards for Plans Examiners & Building Inspectors

Gina Rodda | Gabel Energy

Overview of the 2016 CRC

Bill Rodgers / Denise Reese / Charles Nganga | Interwest Consulting Group

2016 CBC 11B Significant Changes and Essential Concepts

Mark Wood | CalCASP

So, You Want to Be a Code Enforcement Officer?

Pete Piccardo | City of Folsom

THURSDAY

May 4

Residential Fire Sprinkler Systems

Patrick Chew | City of Roseville

2016 California Residential Code and Building Code Updates: Wood Provisions

Alese Ashuckian | APA

Abatement of Dangerous Buildings & Legal Case Preparation for Administrative Civil & Criminal Enforcement

Josh Pino | City of Sacramento
Jose Mendez, MBA | City of Sacramento

Post Disaster Safety Evaluations Training

Greg Mahoney | City of Davis
Gene Ashdown | City of Winters

MONDAY

May 1

Electric Vehicles and 2016 CA Electrical Code Updates

Mike Stone, CBO, CASp, NEMA West Coast Field Representative | NEMA

This one-day course is intended to provide essential information for Electric Vehicle Service Equipment (EVSE) installations including an overview of the electric vehicle industry, National Electrical Code requirements, disabled access regulations and emerging electric vehicle technologies. The course will also cover electrical issues in California's Intervening Code Cycle, the 2017 NEC and emerging Technologies such as solar photovoltaics, energy storage, microgrids and the Internet of Things (IoT). The course is recommended for building officials, field inspectors, plan reviewers and others who may be interested in code requirements for these types of installations. 0.6 CEU's

Mike is the NEMA West Coast Field Representative since August 2012. Prior to working for NEMA, Mike worked for over 25 years in building inspection for the County of Monterey and the Cities of Monterey, Salinas and, most recently, as Building Official for Watsonville. He is an ICC Certified Building Official, a California Certified Access Specialist and holds five other ICC certifications. Prior to his building inspection career, he was an electrician and is a Certified General Electrician in the State of California. He was the Vice-Chair of the California Plumbing, Electrical, Mechanical and Energy (PEME) Code Advisory Committee for the 2016 California Code Cycle. He is the alternate member representing NEMA on Code Making Panel 1 for the 2017 and 2020 NEC.

2016 Residential Energy Standards Overview

Chris Olvera | California Energy Commission

This course will provide an overview of the 2016 Energy Standards updates for residential newly constructed buildings, additions, and alterations. The course will cover the new requirements for high performance attics and walls, instantaneous water heaters, high efficacy lighting, and much more. Additional topics include changes that clarify the requirements for signature authority and HVAC alterations along with updates to the solar ready requirements. Using sample construction documents and compliance forms, the course objective is to simplify verification of the new 2016 Energy Standards requirements for residential projects during the plan review and field inspections processes. In this course, plans examiners and field inspectors will be provided with the knowledge and tools necessary to enforce the 2016 Energy Standards. 0.6 CEU's

Chris is the supervisor of the California Energy Commission's Outreach and Education Unit. This unit develops tools, presentations, and resources to support enforcement agencies' verification of compliance with the Energy Standards. Chris has over 14 years of experience working at the Energy Commission. He began work as a student on the Energy Standards Hotline fielding questions from designers, builders, and enforcement agencies statewide regarding the Energy Standards. Chris has served in several other positions supporting a variety of programs, including HERS, ATTCP, low interest ECCA Loans, Bright Schools, and Proposition 39.

2016 CEC Updates

Todd Snider, PE, SE | West Coast Code Consultants

This class will provide a brief synopsis of some of the key changes from the 2013 CBC to the 2016 version. The class will primarily focus on changes made to nonstructural provisions (i.e. Chapters 1-16 and 24-33) with any significant issues that affect the structural requirements briefly being discussed. Significant time will be spent on chapters 5 and 10 which have been rearranged in the 2016 CBC. 0.6 CEU's

Todd serves as the Plan Review Supervisor for WC3's Utah Operations. He has more than 10 years of experience as a plans examiner and structural design professional. He is a licensed structural engineer and has a Master's degree in Structural Engineering. Todd is certified by ICC as a commercial building, energy, and accessibility plans examiner as well as a commercial building inspector. He has taught courses to many local ICC chapters as well as design professional organizations

Electrical Code 101

Adam Sessions | Shums Coda Associates

This class is designed for electrical inspectors, plans examiners, contractors, and permit technicians who have a beginning to intermediate level of knowledge of the National Electrical Code. We will discuss basic electrical theory, organization of the electrical code, definitions, services, wiring methods, panelboards and switchboards, appliances and more. The discussion will be kept at a level that can be understood by non-electricians. You will leave with a basic understanding of how to use the electrical code and be aware of some of the new California updates. 0.6 CEU's

Adam is a former building official and is currently a senior plans examiner for Shums Coda Associates. He has performed residential inspections and plan reviews since 1995 on projects ranging in size from 900 to 6000 square feet and custom homes from small remodels to 20,000 square foot, multi-level mansions. His experience has covered the entire range of buildings and materials covered in the International Residential Code. He is certified by ICC as a combination inspector. He has been a regular instructor for the AZBO (Arizona Building Officials) institute since 2000.

TUESDAY

May 2

Residential Plans Examiner/Building Inspector Energy Code Essentials

Brian Selby | Selby Energy, Inc.

This hands-on course designed to provide plans examiners and building inspectors with the knowledge and skills needed to enforce the 2016 Energy Code for residential projects more quickly and effectively. .06 CEU's

Brian is a Principal at Selby Energy, Inc., where his primary role is developing and delivering energy code training for the Energy Codes Ace Title 24 Essentials courses. He has over 30 years' experience as an energy consultant and residential building designer and has been a HERS rater for over 15 years. He interacts with the California Energy Commission (CEC), Investor Owned Utilities (IOUs), association professionals and other industry stakeholders to foster education, promotion, and compliance with the California Building Energy Standards. For the past five years, he's worked closely with CABEC and other stakeholders developing and implementing the CEA Exam program and serves on the CABEC board of directors. Brian is also a Certified Energy Analyst (CEA) and HERS Rater.

2016 Non-Residential Energy Standards Overview

Chris Olvera | California Energy Commission

This course provides an overview of the 2016 Energy Standards updates for nonresidential newly-constructed buildings, additions and alterations. Class will cover the requirement updates for equipment efficiencies, envelope U-factors, indoor and outdoor lighting, and much more. Additional topics include the new requirements for elevators and escalators, windows and doors HVAC lockout sensors, direct digital controls (DDC), and changes that clarify the requirements for commissioning, and indoor lighting alterations. Using sample construction documents and compliance forms, the course objective is to simplify verification of the new 2016 Energy Standards requirements for nonresidential projects during the plan review and field inspections processes. Plans examiners and field inspectors will be provided with the knowledge and tools necessary to enforce the 2016 Energy Standards. 0.6 CEU's

Chris is the supervisor of the California Energy Commission's Outreach and Education Unit. This unit develops tools, presentations, and resources to support enforcement agencies' verification of compliance with the Energy Standards. Chris has over 14 years of experience working at the Energy Commission. He began work as a student on the Energy Standards Hotline fielding questions from designers, builders, and enforcement agencies statewide regarding the Energy Standards. Chris has served in several other positions supporting a variety of programs, including HERS, ATTCP, low interest ECCA Loans, Bright Schools, and Proposition 39.

California Residential/Multi Family Housing Accessibility Requirements (CBC 11A and FHA)

Paul Klein, CBO, CASP, Principal, CalCasp Inc.

This class is designed for architects, engineers, building department personnel and any other professionals interested in CBC Chapter 11A - Housing Accessibility, the Fair Housing Amendments Act of 1988. The class will thoroughly examine California-mandated access requirements for newly constructed covered multifamily dwellings, dwelling unit features, common use spaces versus public use spaces serving covered multifamily dwellings, accessibility upgrades to existing multifamily dwellings, and public housing. 0.6 CEU's

Paul has worked for multiple jurisdictions in the greater Sacramento area as a Building Inspector, Senior Plans Examiner, Assistant Building Official and Chief Building Official. Paul is currently an instructor for the, SVABO, and the American Institute of Architects Central Valley (AIA). Paul is a Certified Access Specialist (CASP) by the California Division of State Architect (DSA), is certified by the International Code Council (ICC) as an Accessibility Inspector/Plans Examiner and holds certifications from a variety of organizations such as ICC, IAPMO and NFPA. He is a member of The National Association of Accessibility Consultants (NAAC).

Firestopping: Plan Review & Inspection

Brice Miller, CBO | Fire Containment Training Services, LLC

Firestopping has become a hot topic because of the new Firestop Inspector requirements in the 2012/2015 International Building Code (IBC). This training is designed for Plans Examiners, Fire and Building Inspectors, Contractors, Architects and Engineers. We will review the requirements of sections 714 and 715 of the IBC for joint systems, perimeter containment, through and membrane-penetrations. Discuss the new ASTM firestop inspection standards. Will receive an overview of residential requirements of fireblocking. This program will also provide code compliant solutions along with helpful hints for plans examiners and inspectors.

Brice has over 25 years' experience as Building Official, Inspector and Plans Examiner and holds four ICC certifications. He instucts on firestopping, proposed the ICC firestop inspector certification that should be implemented in 2017, and was instrumental in the development of the new ICC book, titled "Firestopping, Joint Systems and Dampers." Brice has served on ICBO/ICC education and certification committees including the ICC Board of International Professional Standards and the IBC General Code Development Committee. He is also a part time code instructor for a local community college in Fort Collins, Colorado. Brice served for 2 ½ years as the Executive Director of the International Firestop Council.

WEDNESDAY

May 3

2016 Title 24 Part 6 Essentials: Nonresidential Standards for Plans Examiners & Building Inspectors

Gina Rodda, Principal | Gabel Energy

This interactive, "hands-on" course is designed to provide plans examiners and building inspectors with the knowledge and skills needed to more quickly and effectively enforce the 2016 energy code for nonresidential projects. Envelope, mechanical and lighting features of the building, and how they should meet the energy code requirements, will be the emphasis of the class. 0.6 CEU's

Gina has been in the energy modeling field since 1991, and is the current owner of Gabel Energy (Castro Valley, CA). She is an instructor of several dozen full day IOUs Codes and Standards trainings on the Residential and Nonresidential Title 24 Building Energy Efficiency Standards for building department staff, energy consultants, architects, contractors and design engineers. Gina is a Certified Energy Analyst (CEA) through CABEC, and a LEED AP specializing in nonresidential energy modeling for Title 24 Part 6 and LEED.

Overview of the 2016 CRC

Bill Rodgers, SE
Denise Reese, ICC Certified Plans Examiner
Charles Nganga, ICC Certified Plans Examiner | Interwest Consulting Group

This six-hour course will focus on the non-structural provisions of the California Residential Code in its first half, and an in-depth review of the lateral bracing provisions of the CRC in its second half. This seminar is designed for prospective and beginning plans examiners. The course will provide attendees with an overview of the intent and objectives of the CRC with emphasis on Chapter 3 (Building Planning) and Chapter 6 (Wall Construction). 0.6 CEU's

Bill has over 28 years of experience in the field of structural engineering, the last 16 years of which include experience conducting plan reviews on behalf of local and state agencies throughout California and Nevada. Bill's design and plan review experience ranges from small, simple structures to large high-rise construction.

Denise studied Building Inspection Technology at Cosumnes River College and is an ICC-Certified CALGreen Inspector and Plans Examiner with experience as a building plans examiner and permit technician.

Charles is a licensed Civil Engineer. He has a Bachelor of Science degree in Civil Engineering from Jomo Kenyatta University of Agriculture and Technology in Juja, Kenya; and has a Master of Science Degree in Civil Engineering from California Polytechnic State University at San Luis Obispo.

2016 CBC 11B Significant Changes and Essential Concepts

Mark Wood, CBO | CalCASP, Inc.

The 2016 CBC became effective January 1, 2017. The class will focus on the most significant changes including the addition of regulations for electric vehicle charging stations (EVC). The class will be a very dynamic class focusing on major changes that will affect accessibility in construction immediately including new and amended regulations, how to apply and effectively use the new scoping and technical sections, and examples of application of the new requirements in today's built environment. 0.6 CEU's

Mark is a Certified Access Specialist and founding member of the Certified Access Specialist Institute (CASI). Mark is a Subject Matter Expert volunteering his time to the Division of the State Architect (DSA) CASp Committee tasked with question development for the CASp Certification Exam. Mark was selected to a team of national experts working on a comparative analysis of the 2010 ADA Standards for Accessible Design and the 2010 California Building Code. Their work product was used by the Division of the State Architect to develop the 2013 CBC. CalCasp provides Federal and State accessibility instruction throughout the State for private architectural firms, local and state AIA Chapters, State Government Groups such as UC Architects and Caltrans and city and county governments.

So You Want to Be a Code Enforcement Officer?

Pete Piccardo | City of Folsom

This class is designed for anyone who would like more information on just what it takes to be a successful and effective Code Enforcement Officer. The class will discuss data entry and case management, field inspection, common code violations, customer service, dealing with difficult people, professionalism, different remedies to gain compliance, and basic decision-making. The discussion will be kept at a level that can be understood by all attendees and will encourage an abundance of input and discussion. 0.6 CEU's

Peter began his career with the City of Folsom, Planning, Inspections and Permitting Department and has been with the City of Folsom Code Enforcement Division for 20+ years and the supervisor of the division for the past 17 years. He also has served on the Board of Directors for the California Association of Code Enforcement Officers (CACEO) in different capacities for the past 16 years. Currently he serves as a Region 1 Northern Representative and both the communication and legislative committees. Peter has served as President, and chaired various committees. In August of '98, he earned his Code Enforcement Certification from the California Code Enforcement Corporation (CCEC).

THURSDAY

May 4

Residential Fire Sprinkler Systems

Patrick Chew, Supervising Fire Inspector | City of Roseville

This class is based on the 2016 edition of NFPA standard 13D along with the provisions in the California Residential Code, 2016 Edition and reviewing the process from permit application to final approval. During the process, the focus will be on the critical path starting from the water purveyor to a three dimensional viewpoint while reviewing plans. The inspection process involves a review of the minimum code requirements and understanding the core issues required in having a functional system prior to occupancy. Both plan reviewers and inspectors will gain valuable knowledge in understanding the entire approval process from start-to-finish. Most importantly, attendees will learn to ask questions upon returning to their jurisdictions. A scientific calculator is recommended for this class. 0.6 CEU's

Patrick has a total of 26 years' experience in the world of fire protection having spent the last 14 years with the Roseville fire department. Patrick is a graduate of Cal Poly, San Luis Obispo, Class of 1989 with a degree in Electronic Engineering. Pat also received a degree certification from UCLA in 2005 in Fire Protection Engineering. Pat found his love with the fire service soon after working for a company evaluating fire departments for their insurance fire protection class ratings. His first employment with the fire service was with the San Jose Fire Department where he naturally moved up the ranks as the lead for all future developments within the City representing his department at the table. Patrick believes his greatest asset is his willingness to listen to options and alternatives, as long as the decisions do not impact the public and firefighters safety.

2016 California Residential Code and Building Code Updates: Wood Provisions

Alese Ashuckian, PE, LEED AP | APA

The overall strength of a building is a function of all the components—roof, walls, floors, and foundation—working together as a unit. This course will provide a practical, top-to-bottom overview of the gravity and lateral load path for wood framed structures and is designed for ancode officials, designers, or builders who would like an overview of the 2016 California Residential Code (CRC) and California Building Code (CBC) updates pertaining to wood provisions. 0.6 CEU's

Alese is an Engineered Wood Specialist for APA—The Engineered Wood Association. Her duties include consulting with designers on the efficient specification of engineered wood products in construction. A licensed Professional Engineer in the state of California, Alese graduated from California Polytechnic State University, San Luis Obispo with a BS in Architectural Engineering and a minor in Sustainable Environments. She is an active member of the Structural Engineers Association. Prior to joining APA, Alese worked as a structural engineer in Sacramento, CA and San Francisco, CA.

Abatement of Dangerous Buildings & Legal Case Preparation for Administrative Civil & Criminal Enforcement

Josh Pino | City of Sacramento

Jose Mendez, MBA | City of Sacramento

Attendees will learn about relevant codes, abatement procedures, cost recovery, summary abatement and case law. Attendees will also learn about the various avenues available to local jurisdictions for the abatement of nuisance, substandard housing and dangerous buildings. In addition, attendees will learn how to prepare these cases from their inception. The second half of the class will cover the basics of abatements, components necessary to successfully execute abatements and the challenges of balancing public safety with cost of abatements. Class participation will be encouraged. 0.6 CEU's

Josh is the Principal Building Inspector for the City of Sacramento. He has been an for building code and construction estimating course for LA Trade Technical College. Josh currently teaches courses related to abatement procedures, case preparation, building codes and legal aspects of the building department.

Jose manages the City's neighborhood code enforcement program, weed abatement, graffiti abatement and entertainment permit program. With over 13 years in code enforcement, Jose brings a balance of practical and theoretical knowledge to the code enforcement profession. He has managed Sacramento County's Rental Housing Inspection Program (RHIP) where he helped optimize operations with his development of the RHIP mobile inspection application.

Post Disaster Safety Evaluations Training

Greg Mahoney, CBO | City of Davis

Gene Ashdown, CBO | City of Winters

This training provides guidelines and procedures for making post-earthquake building safety evaluations. The purpose of these evaluations is to determine whether damaged, or potentially damaged, buildings are safe for use or if entry should be restricted or prohibited. This training provides procedures for two different levels of safety evaluation and advice on evaluating structural, geotechnical and nonstructural hazards: where to look for damage and; how to rate the safety significance of damage. This class will train credentialed persons (licensed civil engineers, architects, or certified building inspectors and plans examiners) to be SAP Evaluators to work in the field posting buildings and infrastructure for safety or usability, and will train building officials and emergency

Greg has been involved in the industry for over 38 years and a code official for over 28 years. He served as Project Manager for the Napa Earthquake Recovery Program from 2000 till 2002. He has over 12 years' experience as an Adjunct Professor at Cosumnes River College teaching in the Building Technology Program. Greg has served as Chair of the California Building Standards Commission Code Advisory Committee for Green, Plumbing, Electrical, Mechanical and Energy Codes, Chair of the CALBO Energy Commission Advisory Committee, and as a member of the ICC Consensus Committee for Commissioning Standards.

Gene is entering his 37th year in the building trades. He has served as the Building Official of the City of Winters for the last 11 years and was a field inspector/plan checker for County of Yolo for 6.5 years. He is also a trainer for the CAL OES's SAP Program and spent six days assisting in the SAP program for the City of Napa responding to the August 4, 2014 earthquake. He serves on the Napa Solano ICC Board and the Education Committee. He also serves on the CALBO Outreach and Communications Committee.