

## Curriculum Vitae of Douglas A. Hansen

**Contact information:** Douglas@Codecheck.com (650) 269-4748 Fax 415-789-4167

- **Author:** Douglas is the principal author of the *Code Check* series of field guides to building codes. He is the author or co-author of several other books, and numerous magazine articles. See pages 3-4 for complete list.
- **Trainer:** As a consultant for JCP Geologists and EQE engineers, Douglas recruited and trained over 100 inspectors for the JCP seismic safety assessment program and helped design a software program that provided a graded risk assessment of residential properties.
- **Trainer:** As a consultant for Sun Power Corporation, Douglas recruited and helped train quality control inspectors to evaluate installation and performance of solar installations around the country.
- **Trainer:** Douglas founded and managed the Oakland and Las Vegas branches of Inspection Training Associates (a division of Kaplan Professional Schools). He developed the core curriculum used in over 20 schools and trained instructors throughout the country.
- **Instructor:** Douglas taught in the building inspection degree program at the College of San Mateo from 1997 to 2003 and developed curriculum for the basic and advanced electrical inspection classes.
- **Instructor:** Douglas has taught hundreds of seminars to electricians, building officials and inspectors, contractors, architects, and home inspectors. See pages 7 – 12 for complete list.
- **Inspector:** Douglas was a private inspector performing residential and commercial real estate inspections in the Bay Area from 1980 to 1995. He performed over 3,000 home inspections and commercial inspections, and pioneered in the development of legislation and professional standards for home inspectors. See page 2.
- **Consultant:** Douglas has been retained as an expert in over 150 cases regarding electrical issues, construction defects, building codes, contractor & home inspector standard of care, fire investigation, & accident investigations. He has testified in superior court in San Mateo, Santa Clara, and Sacramento counties.
- **Code Development:** Douglas has participated in several cycles of development of the National Electrical Code with numerous proposals accepted into the code. He sits on the Committee on Electrical Systems Maintenance of the National Fire Protection Association.

**Licenses/Certifications:**

California General Contractor's License # 505677  
ICC Certified Electrical Residential and Commercial Inspector #0257290-20  
ICC Certified Residential Building Inspector #0257290-20  
ICC Certified Residential Plumbing Inspector #0257290-20  
ICC Certified Residential Mechanical Inspector #0257290-20

**Memberships:**

American Society of Heating, Refrigeration, and Air Conditioning Engineers  
American Society of Home Inspectors (Retired)  
California Real Estate Inspection Association (Retired)  
California Building Inspectors Group (ICC Chapter)  
Golden Gate Chapter, American Society of Home Inspectors (Fellow)  
International Association of Electrical Inspectors  
International Association of Plumbing & Mechanical Officials  
International Code Council (Professional)  
Marin County Code Advisory Board  
National Fire Protection Association (Electrical Division)  
Redwood Empire Association of Code Officials  
Silicon Valley Chapter, American Society of Home Inspectors (Life Member)  
Western Construction Consultants Association

**Offices and committees:**

2010 – present: Board of Directors, Building Standards Institute  
2009 – present: NFPA 73 Technical Committee on Electrical Systems Maintenance  
Code Clearing Committee, International Association of Electrical Inspectors, 2005-6, 2011  
Technical Committee, American Society of Home Inspectors, 1998, 2004, 2011, 2012  
Education Committee, International Association of Electrical Inspectors Southwest Section, 2001-2  
Examination Committee, California Real Estate Inspection Association, 1998-2000  
Contributing Editor, CREIA Inspector, 1996-2004  
California Coalition of Home Inspectors (1996 Chairman) 1995-2012  
Legislative Committee (California Chairman), American Society of Home Inspectors, 1994-1996  
Associate Editor, ASHI Technical Journal, 1991-1994  
President, San Jose Chapter American Society of Home Inspectors 1994  
Examination Committee, American Society of Home Inspectors, 1989-1998, (Chairman 1997-98)  
Membership Committee, American Society of Home Inspectors, 1990-1992 (Chairman 1992)  
Board of Directors, American Society of Home Inspectors, 1989-1991  
Chairman, Task Force on Certification, American Society of Home Inspectors, 1990-1991  
Ethics Committee (Chairman) California Real Estate Inspection Association 1987  
Standards of Practice Committee, CREIA, 1983-88, 96-2000, 2002, 2003  
Chairman, Consumer Protection Committee, Palo Alto Board of Realtors, 1988  
Legislative Committee, California Real Estate Inspection Association, 1986-1987  
California Real Estate Inspection Association, Secretary 1984-1985, Treasurer 1986-1988

**Service awards:**

2006 American Society of Home Inspectors Philip C. Monahan Award (ASHI highest honor)  
2005 Golden Gate ASHI Chapter Fellow  
2001 California Real Estate Inspection Association – 25 Most Influential Members  
1999 California Real Estate Inspection Association Presidents Award  
1998 California Real Estate Inspection Association John Daly Award (California highest honor)  
1996 California Real Estate Inspection Association Bob Reeds Inspector of the Year Award  
1994 San Jose ASHI Meritorious Service Award – Lifetime membership  
1994 Golden Gate ASHI Chapter Inspector of the Year  
1993 American Society of Home Inspectors Member of the Year (John Cox Award)  
1991 American Society of Home Inspectors San Jose Chapter President's Award  
1989 California Real Estate Inspection Association President's Award

**Publications - books:**

*Uniform Building Performance Guidelines for Residential Construction (with David MacLellan and George Wolfson, AIA), Building Standards Institute (to be released in 2013)*  
*Code Check 7<sup>th</sup> edition (November 2012) – Taunton Press*  
*Code Check eBooks (Building, Plumbing, Mechanical, Electrical) (2012)*  
*Code Check Complete 2<sup>nd</sup> edition (2012) – Taunton Press*  
*California Code Changes (2011, 2012) – Builders Booksource*  
*Code Check Plumbing & Mechanical 4<sup>th</sup> edition (2011) – Taunton Press*  
*Code Check Building 3<sup>rd</sup> edition (2011) – Taunton Press*  
*Code Check 6<sup>th</sup> Edition (2009) – Taunton Press*  
*Code Check Commercial (2011) – Taunton Press*  
*Electrical Inspection of Existing Dwellings (1997 & 2001)*  
*Code Check Building California Edition 2008 – Taunton Press*  
*Code Check for California 2008 – Taunton Press*  
*Code Check Complete 2007 – (with Redwood Kardon & Michael Casey) Taunton Press*  
*Code Check Building 2003 & 2007 Taunton Press*  
*Code Check Electrical 1999, 2001, 2003, 2005, 2008, 2010 (with R. Kardon) Taunton Press*  
*Understanding the International Residential Code (2006)*  
*Code Check 2000, 2004, 2006 (with Redwood Kardon & Michael Casey) Taunton Press*  
*Code Check Plumbing 2001, 2003, 2006 (with Redwood Kardon & Casey) – Taunton Press*  
*Code Check HVAC 2002, 2005 (with Redwood Kardon and Michael Casey) Taunton Press*  
*Code Check West 2001 (with Redwood Kardon and Michael Casey) Taunton Press*  
*Plumbing Inspections & Study Guide to the 1991 Uniform Plumbing Code (ITA)*  
*Study Guide to the Uniform Building Code (with Roger Robinson)*  
*Mechanical Inspection (with Michael Casey)*  
*Professional Inspector's Guide to Roofing Inspection (contributor)*

**Publications - Feature articles published in trade magazines:**

*AFCIs Come of Age* (2012)  
*Safety Glazing* (2011)  
*A Retrograde Interim for California Codes* (2009)  
*Changes in GFCI Standards* (2006)  
*Steel Framing* (2004)  
*Future of Building Codes* (2003)  
*Federal Pacific Panels* (2003)  
*Air Conditioning Inspections* (2003)  
*AFCI's – Technology Driven by Codes* (2002)  
*Aluminum Wiring Revisited* (2002)  
*Plumbing Drains* (2002)  
*Multiwire Branch Circuits* (2002)  
*Occupancy Separations* (2001)  
*Photovoltaics* (2001)  
*Knob&Tube Wiring* (2001)  
*Bonus Rooms* (2001)  
*Grounding Electrodes* (2001)  
*Stairs* (2001)  
*Pool and Spa Wiring* (2000)  
*Plumbing Vents* (2000)  
*New Plumbing Codes and Materials* (2000)  
*Modern Heating Systems* (2000)  
*Inspector Safety* (2000)  
*Subpanel Grounding* (1999)  
*Safety Glass* (1999 & 2004)  
*Electrical Code Changes* (1999)  
*A Thumbnail History of Aluminum Wiring* (1999)  
*Under the Hood - Inspecting Electrical Panels* (1998)  
*Swimming Pool Lights* (1998)  
*Space Heaters and Direct Vent Furnaces* (1998)  
*Wall Furnaces* (1998)  
*Floor Furnaces* (1998)  
*Commercial Electrical Inspections* (1998)  
*New Rules for Grounding Dryers and Ranges* (1998)  
*Understanding the Ampacity Tables* (1997)  
*Clear Report Writing* (1995)

**Inspection-related educational seminars attended:**

Feb, 1982 CREIA Annual Conference, Orange County, CA (2 days)  
Feb, 1983 CREIA Annual Conference, Tiburon, CA (2 days)  
Jan 20-21, 1984 Deterioration in Wood Structures, Forest Products Laboratory, Richmond, CA  
Feb 1984 CREIA Annual Conference, Universal City, CA (2 days)  
Jan, 1985 CREIA Annual Conference, Avila Beach, CA (2 days)  
Oct 21-23, 1985 Uniform Mechanical Code, Santa Rosa, CA (ICBO & IAPMO)  
Nov 5-7, 1985 Uniform Plumbing Code, Fremont, CA (ICBO & IAPMO)  
Jan, 1986 CREIA Annual Conference, Monterey, CA (2 days)  
Jan, 1987 CREIA Annual Conference, San Diego, CA (3 days)  
Jan, 1988 CREIA Annual Conference, Anaheim, CA (3 days)  
May 28, 1988 Roofing Inspections, CREIA Seminar, Berkeley, CA (5 hours)  
Oct, 1988 Electrical Inspection, Vacaville, (3 days) (ICBO)  
Jan, 1989 CREIA Annual Conference, Sacramento, CA (3 days)  
June 3, 1989 Plumbing Inspections (John LaTorra) San Jose Chapter CREIA, one day  
Jan, 1990 ASHI Annual Conference, Nashville, TN, (3 days)  
Jan, 1991 ASHI Annual Conference, Phoenix, AZ, (3 days)  
June 18, 1991 1990 National Electrical Code Updates, 7 hours, ICBO, Dublin, CA  
Jan, 1992 ASHI Annual Conference, New Orleans, LA (3 days)  
Jan, 1993 ASHI Annual Conference, San Antonio, TX (3 days)  
Sep 11, 1993 Pools and Spas Seminar, Berkeley, CA (4 hours)  
Oct 23, 1993 Fireplace and Chimney Inspection with Tim Griffiths, Berkeley, CA (6 hours)  
Jan, 1994 ASHI Annual Conference, San Diego, CA (3 days)  
May 13, 1995 Mechanical Inspection, ASHI Seminar, Newark, CA (3 hours)  
June 17, 1995 Golden Gate ASHI Regional Seminar on Framing (6 hours)  
Feb 17, 1996 1993 National Electrical Code Update, Hayward, CA (8 hours)  
Mar 23, 1996 1996 National Electrical Code Update, Chico, CA (8 hours)  
May 11, 1996 Carbon Monoxide Seminar, Berkeley, CA (7 hours)  
Oct 24-26, 1996 Inspection Training Associates, Inspection Expo '96, Las Vegas, Nevada  
Nov 8 - 9, 1996 CREIA Annual Conference, Sacramento, CA  
Dec 7, 1996 Legal Implications of SB 258, 8 hour seminar, San Francisco, CA  
1981-2009 Monthly meetings CREIA & ASHI, Golden Gate & San Jose, avg 10 per year  
Mar 15, 1997 Advanced Electrical Inspection, (8 hours) GG ASHI, Berkeley, CA  
May 3, 1997 Soils & Foundations w/ Gregory Axten, Geotech, 7 hours, Fremont, CA  
June 5-6, 1997 Electrical Inspection II (light commercial), ICBO, Reno, NV (2 days)  
Sep 5-6, 1997 Mechanical Inspection II (commercial), ICBO, San Jose, CA (2 days)  
Jan 1998-2003 American Society of Home Inspectors Annual Conferences  
April 18, 1998 Modern Gas-Fired Heating Systems, GG ASHI Seminar, 6 hours, Berkeley,  
April 23-25, 1998 California Electrical Inspectors First annual meeting (IAEI district), Burlingame,  
May 2, 1998 1997 Uniform Mechanical Code Update, San Jose (ICBO) 6 hours  
Sep 27-30, 1998 IAEI Southwest Sectional meeting, Albuquerque, NM  
April 29-May1, 99 California Electrical Inspectors Annual meeting (IAEI district), Sacramento, CA  
1997 – 2002 monthly meetings Peninsula Chapter ICBO  
1996 – present Bi-Monthly Meetings, North Calif Chapter, IAEI  
April 19-21, 01 California Electrical Inspectors Annual meeting (IAEI district), Sacramento, CA  
Oct 21-25, 01 IAEI Southwest Sectional meeting, Tempe, AZ  
April 4-6, 02 California Electrical Inspectors Annual meeting (IAEI district), Shell Beach, CA  
Oct 20-24, 02 IAEI Southwest Sectional meeting, Honolulu, HI, 4 days  
Nov 23, 02 Photovoltaics, Silicon Valley Chapter ASHI, 1/2 day  
April 11-12, 03 California Electrical Inspectors Annual meeting, Monterey, CA

Oct 17-21, 04 Southwest Section Conference, IAEI, Las Vegas, Nevada  
April 8-9, 05 California Electrical Inspectors Annual meeting, San Diego, CA  
Oct 16-20, 2005 Southwest Section Conference, IAEI, Albuquerque, New Mexico  
Oct 15-19, 2006 Southwest Section Conference, IAEI, San Diego, CA  
Oct 7, 2006 Finding Security on Shaky Ground – Seismic issues – Oakland, CA  
Nov 2, 2006 Stucco as a Weather-Protection System, WESTCON, Berkeley, CA  
June 4-6, 2007 NFPA World Safety Conference & Expo, Boston, MA  
Sep 10-13, 2007 IAEI Northwest Section Conference, Anchorage, AK  
Oct 1-3, 2007 ICC Annual Conference, Reno, NV  
2008 – present Monthly meetings, Western Construction Consultants Association  
Oct 8, 2008 Solving Means of Egress in Commercial Buildings – 1 day – ICC  
Nov 10-11, 2008 Symposium on Windows – WESTCON – 2 days  
Nov 14, 2008 Commercial Kitchens & Grease Hoods – ICC ½ day seminar series, San Jose  
Feb 21, 2009 Green Building – Golden Gate ASHI – Berkeley, CA 2 hours  
Mar 12, 2009 Wildland-Urban Interface – ICC ½ day seminar series, San Jose  
May 14, 2009 2008 California Energy Code – ICC ½ day seminar series, San Jose  
May 20, 2009 PV systems & the 2005 NEC, John Wiles, City of Palo Alto – 1 day  
July 9, 2009 PV systems – ICC ½ day seminar series, San Jose  
Nov 7, 2009 Changes in California Energy Codes – full day, Berkeley, CA  
Mar 11, 2010 California Energy Code– ICC ½ day seminar series, San Jose  
Jun 7-9, 2010 NFPA Annual Conference, Las Vegas, Nevada  
Sep 12-15, 2010 IAEI Northwest Section Conference on the 2011 NEC, Boise, ID  
Dec 8, 2010 2008 NEC Updates – ½ day – UL & NEMA – San Jose, CA  
Feb 4, 2011 California Green Building Code, Berkeley, CA 7 hours  
Mar 10, 2011 Structural Changes in CA codes - ICC ½ day seminar series, San Jose  
Nov 10, 2011 Commercial kitchens - ICC ½ day seminar series, San Jose  
Feb 6, 2012 California Energy Code Updates - ICC ½ day seminar series, San Jose  
Mar 27, 2012 Structural Assessment Program Evaluator Training, San Jose (CAL-EMA)  
Sep 13, 2012 Gas Appliance Venting – ICC ½ day seminar series, San Jose

**Classes and Seminars Instructed:**

- Oct, 1985 Plumbing Codes, Golden Gate Chapter, CREIA, Berkeley, CA (1 hour)
- Jan 15, 1987 Report Writing, CREIA Annual Conference, San Diego, CA (1 hour)
- Feb 18, 1988 Report Writing, CREIA Annual Conference, Anaheim, CA (1 hour)
- May 28, 1988 Report Writing, CREIA Seminar, Berkeley, CA (3 hours)
- Jan 26, 1989 Report Writing Workshop, CREIA Conference, Sacramento, CA (2 hours)
- Jan 28, 1989 Electrical Inspection, CREIA Annual Conference, Sacramento, CA (2 hours)
- May 13, 1989 Electrical Inspection, CREIA Seminar, Los Angeles, CA (8 hours)
- Aug 5, 1989 Electrical Inspection, CREIA Seminar, Irvine, CA (8 hours)
- Sep 13, 1989 Residential Electrical Capacity, San Jose CREIA/ASHI (1 hour)
- Jan 22, 1990 Report Writing, ASHI Annual Conference, Nashville, TN (1.5 hours)
- Feb 18, 1990 Plumbing Inspection, CREIA/ASHI Seminar, Irvine, CA (8 hours)
- Mar 10, 1990 Electrical Inspection, ASHI Seminar, Newark, CA (8 hours)
- April 7, 1990 Report Writing, CREIA/ASHI Seminar, Sacramento, CA (8 hours)
- May 12, 1990 Electrical Inspection, CREIA/ASHI Seminar, Irvine, CA (8 hours)
- June 2, 1990 Electrical Inspection, CREIA/ASHI Seminar, Sacramento, CA (8 hours)
- Aug, 1990 Panelist, Seismic Restoration of Historic Structures, San Jose Historical Society
- Jan 17, 1991 Moderator - Panel Discussion on Engineering, ASHI Conference, Phoenix, AZ
- July 20, 1991 Report Writing, CREIA/ASHI Seminar, Berkeley, CA (4 hours)
- Sep 28, 1991 Electrical Inspection, ASHI Seminar, Newark, CA (7 hours)
- Oct 10, 1992 Electrical Inspection, ASHI Seminar, Pleasanton, CA (6 hours)
- Oct 25, 1992 Advanced Electrical Inspection, ASHI Seminar, Berkeley, CA (5 hours)
- Nov, 1992 Electrical Inspection, Inspection Training Associates, Vista, CA (8 hours)
- 1993 Structural, roofing, electrical, plumbing, & heating inspections, field training, & report writing, Inspection Training Associates, Los Altos, CA (22 days total)
- Jan 21, 1994 Plumbing Inspection, ASHI Annual Conference, San Diego, CA (2.5 hours)
- Oct 18, 1994 Grounding, CREIA Annual Conference, Las Vegas, Nevada
- Dec 6, 1994 Water Heaters, CREIA Golden Gate Chapter, Berkeley, CA
- May 13, 1995 Grounding, ASHI Seminar, Newark, CA (3 hours)
- July 15, 1995 Electrical Inspection - One-day seminar - San Diego chapter of CREIA/ASHI
- April 19, 1996 Heating and AC Inspection – GG ASHI Chapter, 1-day, Berkeley, CA
- June 8, 1996 Old House Seminar, CREIA, Alameda, CA (6 hours)
- 6 days, 1996 Electrical Inspection – 1-day trainings, Inspectech Corporation, San Ramon, CA
- 9/18-10/19, 1996 Seismic Inspection Checklist Orientation, EQE International (7 classes in CA)
- Oct 9, 1996 Changes in the Plumbing Codes, San Jose ASHI Chapter
- Oct 25, 1996 Changes in the Electrical Codes, ITA Inspection Expo '96, Las Vegas, Nevada
- Nov 9, 1996 Changes in the Plumbing Codes, CREIA Annual Conference, Sacramento, CA
- 9 days total, 97 Electrical Inspection - One day, Inspectech Corporation, San Ramon, CA
- Mar 12, 1997 Comparing the CREIA and ASHI Standards, Silicon Valley ASHI, Cupertino, CA
- 8 days total, 97 Heating and Air Conditioning, Inspectech Corporation, San Ramon, CA
- April 16, 1997 Comparing the CREIA and ASHI Standards, Silicon Valley ASHI, Cupertino, CA
- April 17, 1997 Comparing the CREIA and ASHI Standards, Golden Gate ASHI, Berkeley, CA
- Aug 97- Dec 03 Building 720 College of San Mateo 3 hours weekly (3 units/semester)
- Aug 12, 1997 Pools and Spas – Half day training, Inspectech Corporation, San Ramon, CA
- Oct 3, 1997 ITA Inspection Expo '97: Grounding
- Oct 4, 1997 ITA Inspection Expo '97: Aluminum Wiring
- Oct 13, 1997 CREIA annual Conference: Electrical Inspections – Exceptions to the Rules
- Jan 10, 1998 Commercial Electrical Inspection, CREIA Golden Gate Chapter, Berkeley, CA
- Jan 14, 1998 Commercial Electrical Inspection, ASHI Annual Conference, New Orleans, LA
- Jan, 1998 -03 Electrical II - College of San Mateo 3 hours weekly (3 units / semester)

- Feb 22, 1998 Plumbing and Mechanical Inspections, Amerispec Corporation, Orlando, Florida
- Mar 20, 1998 Electrical Inspection - One day training, Inspectech, San Ramon, CA
- Mar 23, 1998 Heating and Air Conditioning - One day, Inspectech Corporation, San Ramon
- June 20, 1998 Codes for the 21<sup>st</sup> Century, Berkeley, CA (w/ J LaTorra & R Kardon)
- July 16-20, 1998 Electrical & HVAC Inspection – 2 ½ days, Inspectech, San Ramon, CA
- July 25, 1998 Common Electrical Inspection Problems, CREIA, San Diego, 5 hours
- July-Dec, 1998 Weekly code seminars for the City of San Mateo Building Department
- Sep 7, 1998 Commercial Electrical Inspection, CREIA annual conference, SF, 1 ½ hours
- Sep 8, 1998 Residential Electrical Inspection, CREIA annual conference, SF, 1 ½ hours
- Oct 3, 1998 Electrical Panels, Silicon Valley CREIA/ASHI, Mtn. View, CA 5 hours
- Oct 9, 1998 Electrical Panel Inspections, ITA Conference, Las Vegas, NV 2 hours
- Oct 12-13, 1998 Grounding and Bonding, NTT Seminar, Orlando, Florida 14 hours
- Oct 14-15, 1998 Grounding and Bonding, NTT Seminar, Jacksonville, Florida 14 hours
- Oct 20 & 27, 98 1996 Electrical Updates, Redwood City Building Department, CA 1 hour each
- Nov 9-10, 1998 Grounding and Bonding, NTT, Schenectedy, NY - 14 hours
- Nov 11-12, 1998 Grounding and Bonding, NTT, Buffalo, NY - 14 hours
- Dec 7-11, 1998 1999 National Electrical Code, Buckley Air National Guard, Aurora, CO, 5 days
- Jan 5-7, 1999 1999 National Electrical Code, University of Northern Iowa, NTT, 3 days
- Jan 12-14, 1999 1999 National Electrical Code, Stanford Linear Accelerator, NTT, 3 days
- Jan 18-22, 1999 1999 National Electrical Code, Cordova Nuclear Power Plant, Illinois, 5 days
- Feb 15-18, 1999 Grounding and Bonding, Memphis, TN - 14 hrs, Little Rock, Arkansas - 14 hrs
- Mar 1-4, 1999 Grounding and Bonding, St. Louis, MO - 14 hours, Kansas City, MO - 14 hours
- Mar 10, 1999 1996 Electrical Code Updates, City of San Mateo Bldg Department, 1 ½ hours
- Mar 15-18, 1999 Electrical Inspection, South Bend, IN, 14 hours, Grand Rapids, MI, 14 hours
- Mar 25-26, 1999 1999 NEC Updates, Camp, Dresser, & McKee Engineers, 14 hours
- April 26-29, 1999 Grounding and Bonding, NTT, San Jose, CA - 14 hours, Oakland, CA 14 hours
- May 24-25, 1999 Electrical Inspection, ITA, Oceanside, CA - 16 hours
- June 14-15, 99 Electrical Inspection, ITA, Tampa, FL - 16 hours
- June 28-30, 99 National Electrical Code, Goodyear Tire, Lawton, OK - 3 days
- July 13-15, 1999 National Electrical Code, NTT, San Francisco, CA - 3 days
- July 20, 1999 1999 Electrical Code Updates, Lackland Air Force Base, San Antonio, 1 day
- July 21-23, 1999 National Electrical Code, NTT, Corpus Christi Naval Air Station, TX - 3 days
- Aug 3-5, 1999 National Electrical Code, NTT, Phoenix, AZ - 3 days
- Aug 14, 1999 Electrical Inspections for Home Inspectors, GG ASHI – 6 hours
- Aug 17-18, 1999 National Electrical Code and Grounding, Orange County Sanitation District, CA
- Sep 20-21, 1999 Electrical Inspection, ITA, Oceanside – 2 days
- Sep 25, 1999 Code Check (with Redwood Kardon), San Mateo – 6 hours
- Oct 2, 1999 Electrical Inspections, Amerispec Regional Conference, Charlotte, NC, 1 day
- Oct 5, 1999 Grounding and Bonding, ITA Annual Conference, Las Vegas, NV – 2 hours
- Oct 8, 1999 2000 ASHI Standards, Amerispec Regional Conference, Memphis, TN – 4 hrs
- Oct 9, 1999 Electrical Inspections, Amerispec Regional Conference, Memphis, TN, 1 day
- Oct 23, 1999 Electrical Inspections, Amerispec Regional Conference, Phoenix, AZ, 1 day
- Nov 2-3, 1999 1999 NEC Updates, custom for Sacramento County employees, 2 days
- Nov 13, 1999 Code Check Electrical (with Redwood Kardon), IAEL, San Jose, CA – 6 hours
- Nov 15-16, 1999 Electrical Inspection, ITA, Oceanside – 2 days
- Dec 7-9, 1999 National Electrical Code, NTT Kansas City, MO – 3 days
- Jan 14-15, 2000 Modern Heating Systems, Amerispec Conference, Long Beach (4 x 1.75 hours)
- Jan 17, 2000 Electrical Inspections to ASHI Standards, ASHI, San Diego, 1 ½ hours
- Jan 18, 2000 Commercial Electrical Inspections, ASHI, San Diego, 3 hours
- Feb 23-24, 2000 Electrical Inspection, ITA, Oceanside – 2 days
- April 4-6, 2000 National Electrical Code, NTT San Jose, CA – 3 days



April 15, 2000 Electrical Inspection of Existing Dwellings, Denver, CO, 8 hours  
May 20, 2000 History of Inspector Legislation, CCHI, San Jose, 1 hour  
June 13-14, 00 Commercial Electrical Inspection, ITA, Tampa, FL 2 days  
June 26, 17, 00 Electrical Inspection, ITA, Oceanside – 2 days  
July 10-11, 2000 National Electrical Code, Institute for Electrical Education, Santa Clara, CA  
July 27, 2000 Home Inspection Legislation, CREIA Board of Directors, Universal City, CA  
Aug 9, 2000 Home Inspection Legislation, Silicon Valley CREIA/ASHI 2 hours  
Aug 14-15, 2000 Electrical Inspection, ITA, Oceanside – 2 days  
Aug 28, 2000 Electrical Inspection, Inspection Expo 2000, Las Vegas, NV 6 hours  
Sep 11-15, 2000 National Electrical Code, US Borax, Boron, CA – 5 days  
Sep 21-Dec 21, 00 NEC, US Naval Postgraduate School, Monterey, CA 3 hours wk/ 12 wks  
Sep 23-24, 2000 Commercial Electrical Inspection, ITA, Oceanside, CA 2 days  
Sep 28, 2000 Commercial Electrical Inspection, CREIA Conference, Anaheim, CA 2 hours  
Sep 30, 2000 Electrical & Plumbing Inspection, Amerispec Regional, Orlando, FL 1-day  
Oct 7, 2000 Electrical & Plumbing Inspection, Amerispec Regional, Cleveland, OH, 1-day  
Oct 14, 2000 Electrical & Plumbing Inspection, Amerispec Regional, Lake Tahoe, NV, 1-day  
Oct 23-24, 2000 Electrical Inspection, ITA, Oceanside – 2 days  
Nov 4-5, 2000 Code Check, Los Angeles Airport Marriot, ITA, 2 days  
Nov 8, 2000 Plumbing Vent Systems, Silicon Valley CREIA/ASHI, 1.5 hours  
Nov 14-16, 2000 National Electrical Code, NTT Oakland, CA, – 3 days  
Nov 18, 2000 History of Wiring, Golden Gate ASHI, Oakland, 7 hours  
Nov 28, 2000 Commercial electrical services, Redwood City Building Department, 1 hour  
Dec 9-10, 2000 Code Check, Los Angeles Airport Marriot, ITA, 2 days  
Dec 12, 2000 Transformers and 1-line drawings, Redwood City Building Department, 1hour  
Dec 19-21, 2000 National Electrical Code, NTT San Jose, CA,– 3 days  
2001 Electrical Inspection, ITA, Oceanside – 2-day class sessions on Jan 15-16, Mar  
12-13, May 14-15, July 23-24, Sep 17-18, Nov 12-13  
Jan 22, 2001 Commercial Electrical Inspection, ITA, Oceanside, 1 day  
Jan 23-25, 2001 National Electrical Code, NTT San Francisco, CA,– 3 days  
Jan 30, 2001 Commercial Electrical Inspection, ASHI conference, Las Vegas, 4 hours  
Feb 24-25, 2001 Code Check, Manassas, Virginia, 2 days  
Mar, 2001 Code Check, San Diego Building Department, 4 days  
May 2-July25, 01 Electrical Code (weekly 3 hour classes), Institute for Electrical Education, SJ  
May 8-10, 2001 National Electrical Code, NTT Sacramento, CA – 3 days  
May 21, 2001 Commercial Electrical Inspection, ITA, Oceanside – 1 day  
May 22-25, 2001 National Electrical Code, NTT Reno, NV – 3 days  
June 9-10, 2001 Code Check, Oceanside, CA – 2 days  
July 16-17, 2001 Electrical Inspection, ITA, Tampa, FL – 2 days  
Sep 9, 2001 Mechanical Inspection, CREIA Annual Conference, San Diego, CA 3 hours  
Oct. 1& 2, 2001 Alternative Energy Sources, Common Themes in Codes, ITA Expo, Las Vegas,  
Oct 17, 2001 Electrical Inspections, Housemaster, Las Vegas, NV  
Oct 24, 2001 Single-Line Drawings & Plan Review, IAEI Southwest Conference, Tempe, AZ  
Nov 16-17, 2001 Code Check, Oceanside, CA – 2 days  
Dec 13, 2001 Electrical Inspection, ITA, Oceanside – 1 day  
Jan 14-15, 02 Residential & Commercial Electrical, ASHI Conf, New Orleans, LA  
2002 Electrical Inspection, ITA, Oceanside, CA – 2 day class sessions Jan 28-29,  
Mar 18-19, May 20-21, July 22-23, Sep 17-18, Nov 18-19  
April 21, 02 New Construction Electrical Inspection, CREIA Conf, 3 hours  
May 4, 02 CREIA toolbox Electrical Seminar, Sacramento, CA, 1 day  
May 7-8, 02 Code Check, Oceanside, CA – 2 days  
May 9, 02 Electrical Inspection to ASHI Standards, Garden State Chapter, New Jersey

- June 8, 02 1999 NEC Changes, San Jose Building Department, San Jose, 8 hours
- July 13, 02 CREIA toolbox Electrical Seminar, Ontario, CA, 1 day
- Aug 28, 02 Commercial Electrical Inspection, ITA, Oceanside, 1 day
- Aug 29-30, 02 Code Check, Oceanside, CA – 2 days
- Sep 19, 02 HVAC Inspection, ITA, Oceanside – 1 day
- Sep 22, 02 Electrical Code Changes, CREIA Fall Conference, Ontario, CA 3 hours
- Oct 12-13, 02 Electrical Inspection, Code Check Structural, Octspec, Orlando, FL – 2 days
- Oct 15-17, 02 Electrical panels, grounding, gas appliance venting, ITA Expo, Las Vegas–8 hrs
- Nov 1-16, 02 Elec and Mech Insp, Amerispec, 5 days, Pittsburgh, San Diego, St. Louis
- Nov 8, 02 Electrical Inspections, All Annual Conference, Portland, OR, 1 day
- Dec 7, 02 Electrical Inspection to the CREIA Standards, Los Angeles, CA 1 day
- Jan 16, 03 Panels and Grounding – ASHI Annual Conference, Orlando, FL, 5 hours
- Jan 25, 03 Electrical Inspection to the CREIA Standards, Livermore, CA 1 day
- Jan 28, 03 Branch circuits and AFCI's – Cupertino Electric, San Jose, CA 1 1/2 hours
- 2003 Electrical Inspection, ITA, Oceanside, Chicago, and Virginia, Feb 3,4, 11, 24, 25, Mar 24, 25, April 28,29, May 12,13, June 23,24, July 8, 16, 21, 22, Aug 11,12, 18-20 25, 26, Sep 17, 18, 22, 23, Nov 10, 11, 17, 18
- Mar 29, 30, 03 CREIA, Sacramento, Building Codes & Fire Separation, Electrical Testers
- April 5, 03 Electrical Inspection, Arkansas Assoc of Home Inspectors, Russellville, AR
- April 26, 03 Electrical Inspection, Colorado ASHI, Denver, CO – 1 day
- May 17, 2003 Electrical Inspection, South Carolina ASHI, 1 day
- July 12, 03 Electrical Inspection, Great Lakes ASHI, Chicago, IL – 1 day
- Sep 12, 03 Electrical Inspection, Great Plains ASHI, Kansas City, MO – 1 day
- Sep 14, 03 Electrical Inspection, CREIA Fall Conference, Los Angeles – 1/2 day
- Oct 6-8, 03 Inspection Expo, Las Vegas, Code Check HVAC, Electrical, AFCI's, and Panels
- 7/8 & 10/18, 03 Commercial Electrical Inspection, ITA, Oceanside
- Oct 25, 03 Oregon Residential Codes, Oregon Assoc of Home Inspectors, Portland, OR
- 2004 Electrical Inspection, ITA, Oceanside, Houston, and Dallas, Jan 12, 13, 26, 27, Feb 9, 10, Mar 15, 16, April 5-6, May 17-18, June 21-22
- Jan 30, 04 AFCIs, FVIR water heaters, Amerispec Conference, Jacksonville, FL
- Feb 21-22, 04 Code Check seminar, Dallas, TX, 2 days
- Mar 27-28, 04 Code Check seminar, Houston, TX, 2 days
- April 24, 04 Code Check Building, CREIA conference, San Jose, CA – half day
- May 15, 04 Nevada Assoc. of Certified Real Estate Inspectors, Reno, NV – one day
- May 26, 04 Commercial Electrical Inspection, ITA Oceanside – one day
- May 22-23, 04 Code Check seminar, Dallas, TX, 2 days
- 2004 – 2006 Managing Instructor, Inspection Training Associates, Oakland and Las Vegas
- Aug 7, 2004 Electrical Inspections, SV ASHI chapter, San Mateo, 5 hours
- Aug 12, 04 Safety Glazing – Golden Gate ASHI, one hour
- Aug 21, 04 Air Conditioning and Heat Pumps, Golden Gate ASHI, half day
- Sep 20, 04 New Construction Electrical Inspection, ITA Expo, Las Vegas, NV – 3 hours
- Sep 21, 04 AFCIs, ITA Inspection Expo, Las Vegas, NV – 1 hour
- Sep 21, 04 Commercial Electrical Inspection, ITA Inspection Expo, Las Vegas, – 3 hours
- Jan 12, 05 Alternative Energy Sources, ASHI Conference, Austin, TX
- Jan 13, 05 AFCIs, ASHI Conference, Austin, TX
- May 14, 05 Nevada Assoc. of Certified Real Estate Inspectors, Reno, NV – one day
- June 27, 05 Common Electrical Turndowns – Yosemite Chapter, IAEI
- Oct 3, 05 Aluminum Wiring, ITA Inspection Expo, Las Vegas, NV
- Oct 4, 05 Safety Glazing, ITA Inspection Expo, Las Vegas, NV
- Jan 10, 06 Aluminum Wiring, World Inspection Network Conf, Las Vegas,– 2x1.5 hrs
- Jan 10, 06 Electrical Panels, World Inspection Network Conf, Las Vegas, – 2x1.5 hrs

- Jan 28, 06 Plastic water supply, CREIA seminar (half day) Oakland, CA
- Feb 3-4, 06 Top 10 New Construction Defects, AREIA, Little Rock, Arkansas
- Mar 6, 06 Electrical Inspection, Mississippi State Licensing Board, Jackson, Mississippi
- Mar 10, 06 Code Check seminar, Amerispec, St. Louis, Missouri
- Mar 17, 06 Code Check seminar, Amerispec, Providence, Rhode Island
- Mar 24, 06 Code Check seminar, Amerispec, Salt Lake City, Utah
- April 12, 06 Short Circuit Ratings, California Building Inspectors Group, San Carlos, CA
- May 13, 06 Stucco, Oil-burning Appliances, Electrical Protection, NACREI, Reno, – 1 day
- Jan 11-13, 07 IRC Combination Inspector Exam prep, 3 days, ASHI, Anaheim, CA
- Mar 16&23, 07 Drainage Issues & Moisture Intrusion, Amerispec, Las Vegas & Memphis
- Mar 17&24, 07 Safety Glazing, Old & New Electrical Wiring, Amerispec, Las Vegas & Memphis
- April 21, 07 10 Common Construction Defects, Old & New Wiring, All Conference, Reno
- May 5, 07 Safety, Electrical Devices, Fireplaces & Chimneys - NACREI, Reno, NV
- May 11-12, 2007 2006 International Residential Code, GG ASHI, Emeryville, CA (18 hours)
- Aug 25, 07 California Code Updates (with John LaTorra), GG ASHI, Oakland, CA 1 day
- Sep 14, 07 Electrical Inspections, SE Home Inspectors Conference, Atlanta, GA 1day
- Sep 25, 07 History of Plumbing (3 hours) Alternative Energy Sources (3 hours) New England ASHI Conference, Sturbridge Village, MA
- Oct 25, 07 Electrical Systems per the North Carolina standards, 8 hours, Greensboro, NC
- Oct 26, 07 Aluminum wiring, gas appliance venting, 4 hours, Greensboro, NC
- Nov 10, 07 California Code updates, Orange County, CA 8 hours
- Dec 8, 07 Key to the California Codes – Builder’s Booksource/MIG Architects, 8 hours
- Jan 10, 08 Key to the California Codes – Builder’s Booksource/MIG Architects, 8 hours
- Jan 24, 08 Key to the California Codes – Builder’s Booksource/MIG Architects, 8 hours
- Jan 25, 08 2007 Code for Architects, Designers & Contractors, City of Palo Alto, 8 hours
- Feb 8, 08 California Code updates, Stockton, CA, 8 hours
- Feb 15-16, 08 Historic Homes & New Technologies – 2 days (w/ Peter Drenan), Knoxville, TN
- Feb 21, 08 Key to the California Codes – Builder’s Booksource/MIG Architects, 8 hours
- Mar 15, 08 California Code updates, Orange County, CA, 8 hours
- Mar 20, 08 Key to the California Codes – Builder’s Booksource/MIG Architects, 8 hours
- April 1, 08 History of Inspector Legislation, CREIA, Walnut Creek, 1 hour
- April 29, 08 Key to the California Codes – Builder’s Booksource/MIG Architects, 8 hours
- May 3, 08 Grounding & Bonding, History of Electricity, All/NACREI, Reno, NV, 8 hours
- June 24, 08 Key to the California Codes – Builder’s Booksource/MIG Architects, 8 hours
- Sep 12-13, 08 Seattle Historic Homes & New Technologies (w/ Peter Drenan): History of Electricity, HVAC, Green Building & Sustainable Design
- Sep 25, 08 Key to the California Codes – Builder’s Booksource/MIG Architects, 8 hours
- Dec 4, 08 Key to the California Codes – Builder’s Booksource/MIG Architects, 8 hours
- Jan 22, 09 Code Check California – CREIA – Oakland, CA, 8 hours
- Feb 26, 09 Code Check California – Builder’s Booksource/MIG Architects, 8 hours
- Mar 17–19, 09 IRC Certification preparation – North Carolina ASHI, Winston/Salem, 3 days
- Mar 21, 09 Code Check Electrical, Electrical Code Changes, Top 10 Construction defects, Safety Glazing, Gas Appliance Venting – South Carolina ASHI, 2 days
- April 9, 09 NFPA 73 – Electrical Inspection Code for Existing Dwellings – GG ASHI, 1 hour
- April 19, 09 Inspector Safety, NEC Changes, Modern Water Heater Technologies, Modern Gas Appliance Venting – NACREI/All, Reno, NV 1 day
- July 25, 09 History of Electricity, NEC Changes 2002 to 2008 – GLC ASHI - Chicago
- July 26, 09 NFPA 73 – Electrical Inspection Code for Existing Dwellings – ASHI – Chicago
- July 30, 09 Code Check California, CREIA, Westin Hotel, San Diego (8 hours)
- Sep 11-12, 09 Safety, Historical Plumbing, Gas Appliance Venting, 10 Construction Myths, &
- Sep 18-19, 09 The History of Electricity – Amerispec, San Francisco & Memphis, 2 days each

- Sep 26, 09 History of Electricity, NFPA 73, Code Changes – Southeastern Conf, Atlanta
- Oct 23, 09 History of Electricity, NFPA 73, Code Changes, CREIA, Paso Robles, CA, 8 hrs
- Nov 14, 09 History of Electricity, NFPA 73, Code Changes, MSHI, St. Paul, MN, 8 hrs
- Nov 21, 09 History of Electricity, NFPA 73, Code Changes, CREIA, San Mateo, CA, 8 hrs
- Dec 16, 09 Electrical Code Updates, CALBIG ICC chapter, Redwood City, CA, 2 hrs
- Feb 19, 10 Changes to the 2009 IRC, East Tennessee ASHI, Knoxville, 8 hours
- Feb 20, 10 Changes to the 02, 05, 08, 11 NEC, East Tennessee ASHI, Knoxville, 4 hours
- Feb 27, 10 Safety, Grounding, & NEC changes, CREIA, Ventura CA 7 hours
- May 13, 10 California Residential Code update – GG ASHI – Berkeley – 1 hour
- July 14, 10 California Residential Code update – SV ASHI – Cupertino – 1 hour
- Aug 15, 10 IRC Updates – Amerispec national conference – Boston – 4 hours
- Aug 16, 10 NEC updates – Amerispec national conference – Boston – 2 hours
- Sep 23-24, 10 CRC changes – REACO – Santa Rosa – 2 8-hour seminars
- Oct 7, 10 CRC changes – Builders Booksource/MIG Architects – 8 hours
- Oct 26, 10 CRC changes – Builders Booksource/MIG Architects – 8 hours
- Nov 9, 10 CRC changes – Builders Booksource/MIG Architects – 8 hours
- Nov 30, 10 CRC changes – Builders Booksource/MIG Architects – 8 hours
- Jan 9, 11 2009 IRC Changes, World Inspection Network, Newport Beach, CA 4 hrs
- Jan 10, 11 NFPA 73 – Electrical Inspection Code for Existing Dwellings – WIN, 2X2 hrs
- Jan 10, 11 NEC changes – World Inspection Network (WIN) Newport Beach, 2X2hrs
- Jan 14, 11 CRC changes – American Institute of Architects – 4 hours, Redwood City, CA
- Jan 25, 11 CRC changes – Builders Booksource/MIG Architects – 8 hours
- Jan 26, 11 Application & Interpretation of the 2008 NEC – IAEI NorCal Chapter
- Feb 16, 11 CRC changes – WESTCON, 1 hour, Alameda, CA
- Feb 23, 11 CRC changes – Builders Booksource/MIG Architects – 8 hours
- Mar 8, 11 Changes in the 2008 & 2011 NEC, City of Richmond, CA, 2 hours
- Mar 19, 11 CRC changes – CREIA Palo Alto – 8 hours
- April 12, 11 CRC changes – American Institute of Architects – 8 hours, Palo Alto, CA
- May 20, 11 NC ASHI – North Carolina Residential Code – 4 hours
- May 21, 11 NC ASHI, Safety Glazing, Fireplaces, NFPA 73, History of Electricity 8 hours
- June 11, 11 Commercial Electrical Inspections, GG ASHI, Berkeley, 7 hours
- Aug 20, 11 Code Check Seminar Series – Building – GG ASHI, Berkeley, 7 hours
- Sep 9, 10 Western Washington ASHI – Building & Electrical code updates
- Sep 17, 11 Code Check Seminar Series – Electrical – GG ASHI, Berkeley, 7 hours
- Nov 5, 11 Code Check Seminar Series – Plumbing – GG ASHI, Berkeley, 7 hours
- Jan 5-7, 12 2012 International Residential Code – 3 days – ASHI, Phoenix, AZ
- Feb 28, 12 2010 California Electrical Code updates, Cupertino Electric, San Jose, 7 hours
- Mar 12-13, 12 New York Residential Code, 2 days, Finger Lakes Assoc. of Building Officials
- Mar 19&21, 12 2010 California Electrical Code updates, Cupertino Electric, San Jose, 7 hours
- Mar 24, 12 Minnesota Mechanical Code, Minnesota ASHI, 1 day
- April 3&5, 12 2010 California Electrical Code updates, Cupertino Electric, San Jose, 7 hours
- April 28, 12 California Code Process & Electrical Code Changes, CREIA, San Diego, 7 hrs
- June 16, 12 Code Check Seminar Series –Commercial – GG ASHI, Berkeley, 7 hours
- July 10 & 12 2010 California Electrical Code updates, Cupertino Electric, San Jose, 7 hours
- Aug 10, 12 Code Check Electrical – San Diego CREIA Chapter, 7 hours
- Sep 5, 12 Oregon Specialty Residential Code, COREIA, Redmond, OR, 7 hours