

FALL EDUCATION INSTITUTE

Event Dates

- Start: Monday, October 6, 2025
- End: Thursday, October 9, 2025
- Sheraton Mesa Hotel at Wrigleyville West

Class Registration

[Eventsquid Link](#) - Coming Soon!

- Registration Opens August 18, 2025
- Single and Multi-Day Classes
- Registration Closes September 21, 2025

Hotel Reservations

[Sheraton Mesa Hotel at Wrigleyville West](#)

- Contact Sheraton Hotel at 480-664-1221
- Follow the Link Available Above
- Check-In 3:00 PM / Check-Out 12:00 PM
- Group Rate Deadline: September 15, 2025



Helping to Build a Safer Arizona

[AZBO](#)

Full Day Schedule

- Welcome 7:00 AM
- Classes Start 8:00 AM
- Classes End 4:00 PM

Breaks

Morning 10:00 - 10:30

Lunch 12:00 - 1:00

Afternoon 2:30 - 3:00

EXPERIENCE★INTERACT★ENGAGE

PRICING

AZBO Member

- Full Day \$175

Become a Member [HERE](#)

Non-Member

- Full Day \$250

★AZBO has a NO Refund Policy.

Alternatively, a replacement-registrant may be substituted, if needed.

2-Day Courses: Must Register for **Day 1** and **Day 2** to Attend Both Days.

WEDNESDAY NIGHT EVENT

October 8

6 - 9 PM

[Yes! I want to PLAY!](#)

Stats Sports Grill

Hosted Appetizers

Cash Bar

\$20
BUY-IN

**TEXAS
HOLD'EM
POKER
TOURNAMENT**

Sponsored by
Central Chapter

COURSE OVERVIEW

MONDAY OCTOBER 6	TUESDAY OCTOBER 7	WEDNESDAY OCTOBER 8	THURSDAY OCTOBER 9
IBC ACCESSIBILITY REQUIREMENTS	IBC UPDATE TO 2024	IBC EXTREME PLAN REVIEW & INSPECTIONS	2024 IBC TENANT IMPROVEMENT ASPECTS OF ASSEMBLY, BUSINESS & MERCANTILE OCCUPANCIES
RESIDENTIAL COMBO INSPECTION DAY 1	RESIDENTIAL COMBO INSPECTION DAY 2	RESIDENTIAL ELECTRICAL	POST TENSION SLAB ON GROUND (PTSOG)
EFFECTS OF FIRE ON BUILDING CONSTRUCTION MATERIALS	DESIGN & CONSTRUCTION SOLUTIONS	2024 IRC WALL BRACING	IFC SIGNIFICANT CHANGES 2018-2024
GROUND UP ELECTRICAL COMMERCIAL MULTI-FAMILY DAY 1	GROUND UP ELECTRICAL COMMERCIAL MULTI-FAMILY DAY 2	TRANSITION FROM THE 2017 TO THE 2023 NEC DAY 1	TRANSITION FROM THE 2017 TO THE 2023 NEC DAY 2
COMPLETE PERMIT TECHNICIAN DAY 1	COMPLETE PERMIT TECHNICIAN DAY 2	OFFICE ETHICS AND ANTICS	HELP ME HELP YOU FRONT COUNTER
IMPORTANT CHANGES TO THE 2024 IMC/IPC/IFGC	2024 IMC CODE AND PRINCIPALS	2024 IPC CODE AND PRINCIPALS	2024 IFGC CODE AND PRINCIPALS

COURSE DESCRIPTIONS

IBC ACCESSIBILITY REQUIREMENTS



Steve Thomas
Shums Coda Associates

MONDAY
OCTOBER 6

Overview of the scoping provisions for accessibility in the International Building Code and the technical provisions of the ICC/ANSI A117.1 Accessible and Usable Buildings and Facilities. The seminar will also discuss differences between the provisions enforced by building department and the American Disabilities Act Accessibility Guidelines.

2-Day Courses: Must Register for **Day 1**
and **Day 2** to Attend Both Days.

GROUND UP ELECTRICAL COMMERCIAL MULTI-FAMILY



DAY 1

Mike Ornoski
City of Phoenix

MONDAY
OCTOBER 6

The 2023 NEC "Ground Up Electrical Commercial/ Multi-family" is a highly interactive two-day electrical NEC code class. This class is all about attendee participation from an electrical inspection perspective. Bring your 2023 NEC as YOU WILL USE IT! You will learn to use the NEC and apply code sections with the use of construction photos and real-life experiences. This workshop type class was created to develop a better understanding on how to apply the NEC when inspecting electrical installations. As stated in the title we will address underground installations through roof and including electrical distribution.

To get the best possible experience students MUST bring their code books 2023 NEC & 2024 IRC.

EFFECTS OF FIRE ON BUILDING CONSTRUCTION MATERIALS



Barbara Rice
Shums Coda Associates

MONDAY
OCTOBER 6

Participants will learn how different materials respond to fire, including their behavior, resistance, and the impacts on structural integrity. The class will also provide information on the complex interactions and behaviors of fires within enclosed spaces or compartments.

Objectives: 1. Understand the behavior of various construction materials when exposed to fire. 2. Learn about the fire resistance ratings of different materials. 3. Explore the methods used to enhance fire resistance in building construction. 4. Examine case studies of fire incidents and their impact on building materials.

2-Day Courses: Must Register for **Day 1**
and **Day 2** to Attend Both Days.

RESIDENTIAL COMBO INSPECTION



DAY 1

Jonathan Cornell
City of Phoenix
Anthony Vargas
City of Phoenix

MONDAY
OCTOBER 6

This class will take a comprehensive look at all phases of inspections in new single family home construction. Examples of both code compliant construction and non-code compliant construction will be provided, as well as discussion surrounding possible corrections to non-code compliant installations. This class is based on the 2024 International Residential Code.

COURSE DESCRIPTIONS

2-Day Courses: Must Register for **Day 1**
and **Day 2** to Attend Both Days.

COMPLETE PERMIT TECHNICIAN DAY 1



MONDAY
OCTOBER 6

Steve Burger
Bureau Veritas

This two-day course is intended to provide essential information in the areas of code administration and history, legal aspects, customer service, basic construction, inspection process, zoning requirements, permit fee calculations, basic occupancy and construction types, and dealing with difficult customers. The course is recommended for front counter personnel, other Building Department staff and those who may be interested in preparing for the 2021 or 2024 ICC Permit Technician certification exam.

IMPORTANT CHANGES TO THE 2024 IMC/IPC/IFGC



MONDAY
OCTOBER 6

Patrick Vandergriff
*Vandergriff Code
Consulting Services*

This class is designed to help the attendee understand the critical changes to the code provisions for the 2024 IMC/IPC/and IFGC. The attendee will understand the code change system, how it functions and why it is necessary. The attendees will be informed about the changes and the reasons for them within each code. The attendee will understand how the changes are incorporated to change, modify, or define requirements for previous additions. The attendee will gain an understanding of the effective life safety provisions of the codes.

2-Day Courses: Must Register for **Day 1**
and **Day 2** to Attend Both Days.

IBC UPDATE TO 2024



TUESDAY
OCTOBER 7

Steve Thomas
Shums Coda Associates

Reviews the changes from the 2021 edition to the 2024 edition of the International Building Code. The background behind many of the changes will be discussed to provide the participant with an understanding of the intent of the changes and how to apply it to their everyday work. Subjects covered in the class will include the code change process, energy storage systems, flammable gases, carbon monoxide detection, and adult changing stations.

RESIDENTIAL COMBO INSPECTION



TUESDAY
OCTOBER 7

DAY 2
Jonathan Cornell
City of Phoenix
Anthony Vargas
City of Phoenix

This class will take a comprehensive look at all phases of inspections in new single family home construction. Examples of both code compliant construction and non-code compliant construction will be provided, as well as discussion surrounding possible corrections to non-code compliant installations. This class is based on the 2024 International Residential Code.

COURSE DESCRIPTIONS

DESIGN & CONSTRUCTION SOLUTIONS



CJ Dal Pra
Simpson Strong Tie

TUESDAY
OCTOBER 7

Simpson Strong-Tie is committed to helping build a stronger building industry. Come learn about some of the new design solution within the building industry taught by leading Simpson Strong-Tie experts with live, hands-on product demonstrations.

2-Day Courses: Must Register for **Day 1** and **Day 2** to Attend Both Days.

GROUND UP ELECTRICAL COMMERCIAL MULTI-FAMILY



DAY 2

TUESDAY
OCTOBER 7

Mike Ornoski
City of Phoenix

The 2023 NEC “Ground Up Electrical Commercial/ Multi-family” is a highly interactive two-day electrical NEC code class. This class is all about attendee participation from an electrical inspection perspective. Bring your 2023 NEC as YOU WILL USE IT! You will learn to use the NEC and apply code sections with the use of construction photos and real-life experiences. This workshop type class was created to develop a better understanding on how to apply the NEC when inspecting electrical installations. As stated in the title we will address underground installations through roof and including electrical distribution. *To get the best possible experience students MUST bring their code books 2023 NEC & 2024 IRC.*

2-Day Courses: Must Register for **Day 1** and **Day 2** to Attend Both Days.

COMPLETE PERMIT TECHNICIAN DAY 2



Steve Burger
Bureau Veritas

TUESDAY
OCTOBER 7

This two-day course is intended to provide essential information in the areas of code administration and history, legal aspects, customer service, basic construction, inspection process, zoning requirements, permit fee calculations, basic occupancy and construction types, and dealing with difficult customers. The course is recommended for front counter personnel, other Building Department staff and those who may be interested in preparing for the 2021 or 2024 ICC Permit Technician certification exam.

2024 IMC CODE AND PRINCIPALS



Patrick Vandergriff
Vandergriff Code Consulting Services

TUESDAY
OCTOBER 7

This class is designed to help the attendee understand the code provisions for the 2024 IMC. The attendee will be familiar with the layout of the code. The attendee will understand the ventilation and duct system requirements. The attendee will gain an understanding of various appliances and how the installation and use is regulated under the IMC.

COURSE DESCRIPTIONS

IBC EXTREME PLAN REVIEW & INSPECTIONS



Steve Thomas
Shums Coda Associates

WEDNESDAY
OCTOBER 8

Addresses the very large and unusual building plan review and inspections. The class will focus on high-rise construction, atriums, very large buildings and unusual projects. The class will also discuss the special inspection process and how to monitor the program. The discussion will address the review and inspections of alternate designs and performance based design.

2024 IRC WALL BRACING



Tony Gillette, P.E.
Mike Brooks, P.E.
Felten Group

WEDNESDAY
OCTOBER 8

This full day course is intended to provide a background to the wall bracing provisions of the prescriptive building code. This will include walking through building code flow/scope, load path and understanding the difference between shear walls and braced walls. The course will finish with a sample problem run in parallel for a shear design and braced design and also multiple examples of lateral analysis for a variety of plans that Felten Group has designed. Upon Completion:

1. Understand the background of the wall bracing provisions
2. Understand the code flow/scope for shear and bracing provisions
3. Better understand the lateral load path in the structure
4. Better understand the difference between shear walls (IBC) and braced walls (IRC)
5. Better understand the correct application of shear walls and braced walls as prescribed by the IBC and IRC
6. Work through examples.

RESIDENTIAL ELECTRICAL



Mike Ornoski
City of Phoenix

WEDNESDAY
OCTOBER 8

The 2023 NEC / 2024 IRC "Ground Up Electrical Residential" is a highly interactive single family electrical code class all about attendee participation from an electrical inspection perspective. Bring your 2023 NEC & 2024 IRC as you will use it! It is the ongoing open electrical code discussions, where you will learn to use the NEC and IRC collectively, and how to apply the code sections. presented construction photos. This workshop type class is built to help with breaking down code arrangement, useful table(s), definitions, branch circuits, and much more.

To get the best possible experience students MUST bring their code books 2023 NEC & 2024 IRC.

2-Day Courses: Must Register for **Day 1**
and **Day 2** to Attend Both Days.

TRANSITION FROM THE 2017 TO THE 2023 NEC



DAY 1
Michael Grubbs
City of Phoenix
Dave Hill

WEDNESDAY
OCTOBER 8

Intertek Testing (ETL)

This 2-day course will highlight the significant National Electrical Code changes that have been introduced in the 2020 and the 2023 NEC. Participants will be able to better understand the important aspects of the codes latest requirements for both residential and commercial construction.

COURSE DESCRIPTIONS

IFC SIGNIFICANT CHANGES 2018-2024



Barbara Rice
Shums Coda Associates

THURSDAY
OCTOBER 9

This class will highlight and discuss the significant changes between the 2018 International Fire Code and the 2024 IFC. Students are recommended to bring either code book if it is helpful for their reference. The objective is to highlight significant changes over the two code cycle period and discuss any potential challenges for adoption.

OFFICE ETHICS AND ANTICS



Shaunna Mozinga

Mozinga Code Group LLC

WEDNESDAY
OCTOBER 8

Participants will laugh, maybe cry, and question your motives and intentions all at the same time. Having worked in Building Departments and for other companies, as well as owning her own business, Shaunna has learned a lot from her mistakes and wants to share her stories with you as well as the resources and tools that she has gather along the way to help you learn how to redirect your focus, to understand how the things you bring to work affect other people, and how the ethics and/or antics within the office environment will either make your or break you. Don't be shy, get registered, what have you got to lose?

POST TENSION SLAB ON GROUND (PTSOG)



Tony Gillette, P.E.
Mike Brooks, P.E.
Felten Group

THURSDAY
OCTOBER 9

This one-day course is intended to walk the attendee through design, construction, maintenance, and repair of PTSOG foundations. The course is meant to familiarize attendees with the design methodologies of PTSOG through the code recognized Post-Tension Institute (PTI) document DC10.5-19 as well as other PTI documents regarding construction and maintenance of the PTSOG. Finally, there will be some discussion on repairs to PTSOG. Upon completion: participants will better be able to: 1. Understand the path through the building code to the PTI DC10.5-19 document 2. Understand the intentional separation of PTI from ACI (American Concrete Institute) 3. Understand that the PTI DC10.5-19 document applies to both expansive and stable soils 4. Be familiar with the geotechnical report requirements necessary for PTSOG design 5. Be familiar with the design and durability requirements in the PTI DC10.5-19 document 6. Understand the main difference between conventionally reinforced concrete and post-tensioned concrete 7. Be familiar with the construction sequence of the PTSOG foundation 8. Be familiar with the inspections required during construction of the PTSOG foundation 9. Be familiar with some common maintenance requirements with PTSOG 10. Understand that PTSOG foundations can be repaired if necessary and what some of the repairs might look like .

2024 IPC CODE AND PRINCIPALS



Patrick Vandergriff
*Vandergriff Code
Consulting Services*

WEDNESDAY
OCTOBER 8

This class is designed to help the attendee understand the code provisions for the 2024 IPC. The attendee will be familiar with the layout of the code. The attendee will understand the venting and plumbing system requirements. The attendee will gain an understanding of various plumbing installations, appliances and how the installation and use is regulated under the IPC.

COURSE DESCRIPTIONS

2024 IBC TENANT IMPROVEMENT



Steve Thomas
Shums Coda Associates

THURSDAY
OCTOBER 9

Identifies IBC provisions applicable to the design and construction of tenant space improvements. The discussion addresses the three most common types of uses: business, mercantile and assembly. It emphasizes options available in the code for gaining compliance. Discussion includes occupancy separations and fire areas, type of construction features, fire-resistance-rated construction, interior finish materials, fire protection features, means of egress components and means of egress design.

HELP ME HELP YOU FRONT COUNTER



Shaunna Mozinga
Mozingo Code Group LLC

THURSDAY
OCTOBER 9

Whose job is it to make sure that everything that is needed in a set of plans is actually submitted at the time of permit application and plan submittal? When the plan reviewer opens a set of plans only to find that they don't have enough information to do the review, who does that fall back on? The applicant, that's who. But are we arming them with the information they need to do their job as well? Let's look at how to know if plans are submitted with enough information to get reviewed and what we can do to help applicants at our front counter get us the information we need to do our jobs. Help them to help you!

2-Day Courses: Must Register for **Day 1** and **Day 2** to Attend Both Days.

TRANSITION FROM THE 2017 TO THE 2023 NEC DAY 2



Michael Grubbs
City of Phoenix
Dave Hill
Intertek Testing (ETL)

THURSDAY
OCTOBER 9

This 2-day course will highlight the significant National Electrical Code changes that have been introduced in the 2020 and the 2023 NEC. Participants will be able to better understand the important aspects of the codes latest requirements for both residential and commercial construction.

2024 IFGC CODE AND PRINCIPALS



Patrick Vandergriff
Vandergriff Code Consulting Services

THURSDAY
OCTOBER 9

This class is designed to help the attendee understand the code provisions for the 2024 IFGC. The attendee will be familiar with the layout of the code. The attendee will understand ventilation requirements related to fuel and gas installations. The attendee will gain an understanding of various appliances and how the installation and use is regulated under the IFGC.

INSTRUCTOR PREVIEW



MIKE BROOKS, P.E

DIRECTOR OF ENGINEERING
Felton Group

mike.brooks@feltengroup.com

Mike has been working in the residential engineering and construction industry since 2014 after graduating from Arizona State University with a Bachelor's Degree in Civil Engineering. He

then went on to obtain his Master's Degree in Structural Engineering from ASU. He started as an intern at Felten Group Inc. in Phoenix, Arizona during his last semester of undergrad before joining full time after graduation. He obtained his PE in 2018 and is licensed in Arizona and Texas.

While at Felten Group, Mike has designed multiple residential and commercial structures ranging from single-family detached homes to multi-story townhomes to clubhouses. He has experience working with the IBC and IRC while designing in Arizona, Colorado, Texas, and Washington. He has designed with wood, concrete, steel, and post-tensioned slabs-on-ground. Mike is currently an associate member of the PTI DC-10 Slab-on-Ground Committee which develops the standards and design requirements for Post-Tensioned Slabs-on-Ground. He has been involved with teaching several classes for the Arizona

Building Officials meetings (AZBO).

Mike enjoys golfing when he is not spending time with his growing family.



STEVE BURGER

DIRECTOR of
BUILDING SAFETY SERVICES
Bureau Veritas

steven.burger@bureauveritas.com

Steve has been in the Code industry since 1972. He started as a Secretary/Permit Tech and Residential Plans Examiner and then later worked as a Building Inspector, Zoning Inspector, Code Enforcement Officer, Senior Plans Examiner, Senior Building Inspector, Assistant Building Official, Chief Building Official and Code Consultant.

Steve is certified in the following areas: Certified Building Official, LEED A.P., Certified Code Official, Permit Technician, Code Specialist, Plans Examiner, Building Inspector, Mechanical Inspector, Electrical Inspector, Accessibility/Usability Specialist, One-and two-family Electrical Inspector and Fire Inspector II. He also has served on the following ICBO/ICC Committees: Permit Technician Exam Committee, Education Committee, Certification Committee and the Legacy Codes Exam Committee as well as the Arizona Building Officials (AZBO) Education Committee and Legislative Committee. In 1999 he was elected President of the Arizona Chapter and Chairman of the Arizona Building Officials. Steve was named AZBO Building Official of the Year in 2000, 2002, 2003 and 2005. He was a member of the California Building Officials (CALBO), 2017 Education Chair and Board Member for the Sacramento Valley Association of Building Officials (SVABO) and represented Building Officials as Chairperson on the State of California Building and Fire Advisory Committee. He has received the SVABO Inspector of the Year Award (2012), Outstanding Contributions Award (2015) and President's Award (2016 and 2017), SVABO Honorary Membership (2017), AZBO Brent Snyder Award (2021), as well as the 2016 ICC Educator of the Year.

Steve has taught Permit Technician educational classes since 1998 in Arizona, California, Washington, Oregon, Colorado, Texas, Kansas, Iowa, Utah, Minnesota, Nevada, New Hampshire, Rhode Island, Connecticut and Idaho.

Steve has authored the ICC "Permit Technician Study Companion", updated "The Public Counter" (Chapter 12) in the revised ICC "Building Department Administration" book, and updated the ICC "You Can Build It!" and "Basic Code Enforcement" reference books as well as multiple articles and webinars for the International Code Council.

INSTRUCTOR PREVIEW



JONATHAN CORNELL

ZONE 3 FIELD SUPERVISOR
City of Phoenix

jonathan.cornell@phoenix.gov

Jonathan Cornell has over 28 years' experience in the construction industry, with the majority of that specifically in Residential Construction, and 12 of those years directly related to jurisdictional building code enforcement. He holds 7 ICC Certifications and is an active member in AZBO. He was the recipient of the AZBO Leadership Award in 2024. He has been teaching in education institutes for 3 years. He currently works for the City of Phoenix as a Residential Inspection Supervisor. Jonathan has been married for 25 years and has 3 children: 18, 16, and 12.



MICHAEL GRUBBS

ELECTRICAL CONSULTANT
City of Phoenix

michael.grubbs@phoenix.gov

Michael Grubbs has over 48 years of experience in the electrical industry with 28 years as an electrical inspector/plan reviewer. He holds 18 ICC inspector and plan review certifications including Certified Building Official plus residential and commercial electrical inspector. He has taught many NEC code classes over the years. He is a past, (retired) Residential Inspections Team Leader for the City of Phoenix and Plan Review Manager for Maricopa County. He is currently an independent electrical consultant and inspector for the City of Phoenix. At present he is proudly serving as the treasurer for AZBO State Chapter.



CJ Dal Pra

REGIONAL MANAGER
Simpson Strong Tie

cdalpra@strongtie.com

CJ Dal Pra joined the Simpson Strong-Tie team in 2014 as a Dealer Sales Representative, quickly excelling to his current position of Senior Territory Sales Manager overseeing Metropolitan Phoenix and the Northern Arizona markets. Throughout his territory, CJ closely works with engineers, contractors, architects, distributors, and building officials ensuring that Simpson Strong-Tie aids in helping to build a safer & stronger building industry. CJ received his Bachelor of Interdisciplinary Studies with Emphasis in Business and United States History from Arizona State University in 2006.

Additional Instructors, not pictured:

*Tim Kaucher – Director of Engineering
(Southwest)*

Ryan Kobbe – Senior Field Engineer

*Dave Gilroy – Senior Territory Representative
(Residential)*

*Mike Parker – Regional Project Specialist
(Fasteners)*

Emily Morris Frazier - Field Engineer

*Paul Guthrie – Senior Territory Representative
(Commercial)*

Daniel Bartlett – Field Engineering Manager

INSTRUCTOR PREVIEW



TONY GILLETTE, P.E.

PTI CERTIFIED
VICE PRESIDENT OF ENGINEERING
Felten Group, Inc.

tony.gillette@feltengroup.com

Tony has been working in the residential engineering and construction industry since December of 1998.

He graduated with a B.S. in Civil Engineering (Emphasis in Structural) in December of 1998. He started as an engineer in training at Bingham Engineering in Phoenix, AZ before joining Felten Group, Inc. in 2001.

Tony has over 25+ years of experience in structural design and forensic investigations of single-family residences, multifamily buildings, common area buildings and other types of buildings in multiple states.

He has extensive structural consulting experience including: offsite structures, single-family housing and multi-family housing, with the majority being in single-family housing including custom and production building; consulting with architects, designers, licensed builders and licensed contractors to develop construction documents and drawings for submittal to municipalities. This often involves presenting interpretations on building codes and practices to building officials in various contexts suited to the needs of Felten Group's clients.

Tony has taught classes for Arizona Building Officials (AZBO), the Colorado Chapter PPRBD and the

Sacramento Valley Association of Building Officials (SVABO) including Wall Bracing from the IRC, Changes to the ASCE7-16 Wind Provisions, Devil's in the Details, Truss Calculations, and Forensic Engineering. He has also been a guest lecturer at Arizona State University in Spring of 2020, 2021, 2022

and 2023 for CEE 423, a wood design course taught by Dr. Kristin Ward.



DAVE HILL

PRESIDENT/FIELD EVALUATIONS
NATIONAL TRAINER
Intertek Testing (ETL)

Dave works for Intertek Testing (ETL) providing direct field evaluations on electrical equipment and installations to assure AHJs of compliance with OSHA and the safety standards, including the National Electric Code along with product standards additionally providing electrical education safety courses based on the electrical codes and standards nationwide. He was a jurisdictional inspector for Marion county and Portland Oregon. Dave is a certified Oregon Electrical Inspector and licensed as a General Supervising/Master electrician. He served on the State of Oregon Electrical and Elevator Board Policy committee. Dave is a past Board of Director member for the Oregon Chapter of IAEI as Past President, Membership Chair and Education Chair and the Northwestern Section as representative to the International Board of Directors. Dave is the 2017 Past President and Chairman of the Board of Directors for the International Association of Electrical Inspectors a.k.a. Independent Alliance of the Electrical Industry in Richardson Texas. Additionally, he has taught and instructed fourth- and fifth-year apprentices for the IEC Apprenticeship program at Area 1 and 2 JATC in Portland and Salem and continues to provide specific test training to those students ready to take the State exam. His electrical background includes his apprenticeship, journeyman electrician, Master electrician, supervising electrician and was an electrical contractor in Ohio, Florida, and Oregon. Dave attended the College of Southern Idaho and Kent State University. Educational training topics shared with industry include, NFPA 70 NEC, electrical Grounding and Bonding, Calculations, Services, PV, Limited Energy, Electrical Installations, NFPA 70E for electrical safety in the workplace, NFPA 79 Industrial Machinery, and NFPA 790/791 Field Evaluations.

INSTRUCTOR PREVIEW



SHAUNNA MOZINGO

PRESIDENT

The Mozingo Code Group, LLC.

sdmozingo@mozingocodegroup.com

In addition to being a plans analyst and inspector, Shaunna takes great pride in assisting jurisdictions, in the U.S. and Internationally, in adopting their newer Building and Energy Codes and providing education on those adopted codes. Shaunna consults and teaches on the full family of I-codes but is best known for her work in Energy Codes. She has conducted multiple residential and commercial building studies in various states, has been involved on many code development committees locally and nationally, and serves as a Code Circuit Rider in 3 states. She has served as a building inspector for the China and U.S. Solar Decathlon Competitions, co-authored the "2018 Energy Code Essentials" for ICC and has been awarded the Department of Energy's Jeffrey A Johnson Award, ICC/IMT's Standard Bearer's Ward and Southwest Energy Efficiency Project's Leadership in Energy Codes award, all for her work in the advancement of building Energy Codes and building performance. Shaunna is a past president of the Colorado Chapter of ICC, recipient of the Chapter's Beryl Wallace Award and President's Award, and is the past co-chair of the Colorado Chapter's Education Committee.



MIKE ORNOSKI

CBO, CEI-M-230, CEI-R-173

TEAM LEADER - COM INSPECTIONS

City of Phoenix

mike.ornowski@phoenix.gov

Mike has over 32 years in the electrical industry. Completing an electrical apprenticeship, electrician, electrical Foreman and being a former Arizona Electrical Contractor,

MIKE ORNOSKI *Continued*

Electrical Inspector and Electrical Inspections Field Supervisor with the City of Phoenix. Since 2014, he manages the commercial inspection team including fire, structural, plumbing, mechanical, combo and electrical inspectors. Additionally, Mike taught 1st and 4th year electrical apprenticeship through the Independent Electrical Contractors Certified Building Association of Arizona (IEC). Additionally, is the lead electrical instructor for the Arizona Builders Alliance apprenticeship (ABA). Mike holds all ICC and IAEI electrical certifications as well as an ICC Official. He enjoys time with family and friends and being outdoors.



BARBARA RICE

ARIZONA REGIONAL MANAGER

Shums Coda Associates

barbara.rice@shumscoda.com

Barbara has 24 years' experience in municipal and other local government agencies. She has served as permit technician, building and fire inspector, plan reviewer, fire investigator, fire marshal and building official in Oregon and Arizona. A member of several professional organizations, including AZBO, ICC, NFPA and IAAI and is President of the AZ Fire Marshals Association. She is also an officer with the Southern Arizona Chapter of ICC and an education committee member of AZBO. She is an instructor for AZFMA and AZ State Fire School. She holds several professional code certifications with ICC and multiple organizations and states. Her education background includes a B.S. in Fire Science, Executive Fire Officer and U of A Eller Education Government Leadership program.

INSTRUCTOR PREVIEW



STEVE THOMAS

COLORADO REGIONAL
MANAGER AND
EDUCATION DIRECTOR
Shums Coda Associates

steve.thomas@shumscoda.com

Mr. Thomas has over forty-five years' experience in working with building codes including plan reviews, inspections, and administration. His firm provides building code consulting services for governmental agencies and architectural firms, as well as educational seminars on building codes across the country. Working for a building code-consulting firm since 1999, he has served as the contract Building Official for different local jurisdictions in Colorado. Mr. Thomas has served on several ICBO and ICC committees including serving as a member and then Chairman of the ICC Means of Egress Code Development Committee. He was named an honorary member of ICC in 2021. He is also the author of the book, *Building Code Basics*, based on the 2009 & 2012 IBC and *Building Code Essentials* based on the 2015, 2018, 2021, & 2024 IBC, all available from ICC. He and his previous firm, Colorado Code Consulting, were awarded the Educator of the Year Award by the ICC in 2018. He has presented building code classes for the last 35 years and provides an interesting and engaging look at building codes.



PATRICK VANDERGRIFF

*Vandergriff Code
Consulting Services*

pvandergriff16@gmail.com

Patrick Vandergriff brings 50+ years of hands-on experience in construction, code enforcement, and public works. He's worked as a contractor, building official, state division director, and instructor for ICC and ICBO, teaching everything from structural plan review to fire and accessibility codes. He's consulted on major projects nationwide, served as an expert witness, and developed curriculum for professional certifications. Today, he continues to teach, consult, and provide plan review and dispute resolution services—while also running a working ranch.



ANTHONY VARGAS

BUILDING CODE EXAMINER
City of Phoenix

anthony.vargas@phoenix.gov

Anthony Vargas has over 24 years' experience in the construction industry. The last 8 of those have been related to jurisdictional building code enforcement. He holds 8 ICC Certifications and is an active member in AZBO, and was recipient of the AZBO Inspector of the Year award in 2023. He currently works for the City of Phoenix as a Building Code Examiner. Anthony has been married for 13 years and has two children; 11 and 6.