

## **EDUCATION COURSES, FORUMS, BREAKFASTS, LUNCHEONS, & TOURS**

### **PRESENTED BY WOC EDUCATION PARTNERS**

*Information subject to change. Details current as of 12-4-24.*

*See contact information included for each organization.*

### **Constructing Smooth Concrete Pavements: Tips, Techniques & State of the Art Equipment**

**Session ID:** ACPATU

**Date/Time:** Tuesday, January 21 • 1:30 pm – 3:30 pm

**Registration Fee:** \$150

**Presented by** *American Concrete Pavement Association.*

*Questions should be directed to Eric Ferrebee, [eferrebee@acpa.org](mailto:eferrebee@acpa.org), 847-423-8709, or 815-351-0282.*



This two-hour course will go through the construction process of building smooth and durable concrete pavements from the ground up. Subject matter experts will discuss equipment, instruments and technologies being used to construct smooth concrete pavements. This training is a must for contractors of all sizes and experience levels. Project and construction managers, estimators, equipment managers and quality managers, as well as civil, geotechnical and pavement engineers will benefit from learning about the latest developments.

#### **Course includes four unique modules:**

- Avoiding the Rough Stuff—brief overview to gain better understanding of roughness, why smooth pavements are so important, and how a slipform paver works
- Smoothness Begins with the Concrete Mixture—creating a good slipform mixture and evaluating essential attributes of the concrete mixture with new tests & technology
- Construction Factors a Contractor Must Consider—details for building smooth pavements including set-up, operation, grade preparation, and control-charting
- Equipment & Instruments Making Smooth Pavements Smoother—modern technologies being used to build quality concrete pavements

### **Concrete Pavement Preservation & Repair**

**Session ID:** ACPAWE

**Date/Time:** Wednesday, January 22 • 9:00 am – 12:00 pm

**Registration Fee:** \$225

**Presented by** *American Concrete Pavement Association.*

*Questions should be directed to Eric Ferrebee, [eferrebee@acpa.org](mailto:eferrebee@acpa.org), 847-423-8709, or 815-351-0282.*



This training is a must for anyone wanting to learn best practices to repair or preserve concrete pavements. Learn the techniques used to maintain and repair concrete pavements to achieve long-lasting performance and avoid costly rehabilitation and reconstruction. Course discussions will detail the preservation techniques used for concrete full and partial depth repairs, dowel bar retrofit, cross-stitching and diamond grinding. The course will also go through how to properly perform these techniques.

#### **Course features five modules:**

- Pavement Evaluation – what repair techniques are applicable on an existing concrete pavement
- Full-and Partial-Depth Repairs including best practices of patching
  - Primary dimensioning considerations in terms of construction quality and performance
  - Recommended construction procedures
  - Advantages and disadvantages of different preparation methods and repair materials
  - Typical construction problems, appropriate solutions, and important safety considerations
- Dowel Bar Retrofit and Cross-Stitching — best practices of joint and crack strengthening methods
  - Retrofitting dowel bars into joints and cross-stitching cracks
  - Recommended materials & mixtures and construction procedures & process steps

- Typical construction problems, appropriate solutions, and important safety considerations
- Diamond Grinding — equipment and techniques used
  - Appropriate blade spacing for conventional diamond grinding, diamond grooving, and Next Generation Concrete Surface (NGCS)
  - Construction procedures for conventional diamond grinding, diamond grooving, and NGCS
  - Typical construction problems, appropriate solutions, and important safety considerations

## Concrete Pavement Joint Design, Construction & Sealing

Session ID: ACPATH

Date/Time: Thursday, January 23 • 9:00 am – 12:00 pm

Registration Fee: \$225

Presented by American Concrete Pavement Association.



Questions should be directed to Eric Ferrebee at [eferrebee@acpa.org](mailto:eferrebee@acpa.org), 847-423-8709, or 815-351-0282.

This comprehensive 3-hour training session covers critical information that any paving or flatwork contractor needs to know about properly choosing and placing joints for concrete pavements and slabs on grade. The need and purpose for each type of joint and the ACPA ten-step method to laying out the location of jointing will be explained. Example problems -- from poolside recreational pavements to complex intersection/interchanges -- will address options of joint patterns, sealing and filling in addition to guidelines for a sealant reservoir.

This training is a must for small and large contractors, project and construction managers, estimators, and quality managers, as well as civil, geotechnical and pavement engineers. The training is also well suited to agencies and owners, architects/designers, building managers, facilities managers, and others interested in knowing more about how to joint pavements to minimize risk of cracking and improve pavement performance.

**This course includes three unique modules:**

- Introduction to Joint Types and Layout—basics of designing proper contraction, control, construction, and isolation/expansion joints and the ACPA ten-step method to lay out joints
- Joint Layout Example Problems—locate joints on example projects and evaluate findings
- Joint Construction and Sealing/Filling—different construction methods and steps; joint sealing techniques and requirements for preformed, hot-pour and silicone sealants; the wipe test as a new quality control test

## NEW! ACPA Risk Management & Insurance for Concrete Pumpers

Session ID: [ACPUMO]

Date/Time: Monday, January 20 • 12:00 pm – 4:00 pm

Registration Fee: \$135

Presented by American Concrete Pumping Association.

Questions should be directed to Sue Schumacher at [sue@concretepumpers.com](mailto:sue@concretepumpers.com).



**NEW for WOC 2025!** A series of three one-hour sessions followed by an open forum where attendees can pose questions to a panel of concrete pumping industry professionals.

### ***Protecting Your Business: The Art of Contract Negotiation***

Speakers: James Stovall, Randy Probst, Jeff Haynes, USI Insurance

The days of conducting business solely by handshake are long gone. Concrete pumpers are entering into more contracts than ever before, and with insurance costs on the rise, it is essential to minimize your exposure to lawsuits from a contractual standpoint. Negotiating the appropriate terms before signing a contract is crucial to limiting your liability in the event of an accident. Join some of the country's leading concrete pumping insurance agents as they share the best practices for negotiating contracts within the pumping industry.

### ***Navigating a Hard Insurance Market***

Speakers: Kyle Rask, NBIS Insurance and Travis Bennett, Risk Strategies

Are you reeling from the increases in your insurance renewal or having trouble obtaining insurance? The insurance climate is experiencing a “hard market” when it comes to rates and insurability – especially for higher-risk businesses like concrete pumping. Eventually, this type of market may subside, but until that time, Risk Strategies and NBIS can offer you strategies to help soften the impact on your budget and give insight into what insurance companies are looking for in determining insurability. A hard market can be frustrating, but this session will help you navigate the rough waters.

### ***Exposed! Mitigation Strategies for Managing Your Risk***

Speaker: J.J. Trevino, Partner – Valdez & Trevino Attorneys at Law, PC

Risk mitigation is crucial for any business, especially in today’s litigious climate. That’s why, now more than ever, it’s important for concrete pumping companies to have a strategy in place to protect themselves. Attorney J.J. Trevino is experienced in concrete pump-related litigation and understands the risks associated with this industry. He will provide practical strategies and legal guidelines to help companies reduce their exposure and safeguard their businesses. While owning a pumping company has its rewards, a single incident could lead to significant costs that might be just more than you can bear.

## **Shotcrete Nozzleman Education Course**

Session ID: ASATU

Date/Time: Tuesday, January 21 • 8:00 am – 4:00 pm

Registration Fee: \$450; \$485 after 12/12/2024

***Presented by the American Shotcrete Association.***

*Questions should be directed to Alice McComas at 248-983-1702 or [Alice.Mccomas@shotcrete.org](mailto:Alice.Mccomas@shotcrete.org).*



This course is designed for shotcrete nozzlemen, individuals involved with inspection of shotcrete, and anyone interested in learning about the principles and practices that must be known and understood for a nozzleman to satisfy his role in the quality application of the shotcrete process.

ASA Nozzleman Education Courses present an overview on placement technique, finishing, curing, testing, equipment, and safety as it relates to the nozzleman and the shotcrete process. This course also helps to prepare individuals for participation in the ACI Nozzleman Certification program. ACI required work experience, written exam, performance exam and other program criteria will be discussed.

**Attendees will receive:** CP-60(15) Shotcrete Nozzleman Craftsman Workbook

**Please Note:** **Attendance of this course alone will not result in certification as an ACI Shotcrete Nozzleman.**

- This course will satisfy the education course requirement for a nozzleman pursuing certification as an ACI Shotcrete Nozzleman through ASA
- Attendees wishing to pursue ACI Certification need to arrange for a certification course with ASA separately from this course (Wet Mix Exams are available for additional charges – contact ASA directly for details and requirements)
- Attendees will qualify for and receive a complimentary 1-year ASA Nozzleman Membership
- Lunch is not provided with this course. A one-hour break is scheduled for lunch.

## **Recognizing Quality Shotcrete Course**

Session ID: ASAW (course only) | ASAWEX (course w/exam)

Date: Wednesday, January 22

Times: 8:00 am - 4:00 pm (course) • 4:00 pm - 6:00 pm (exam)

Registration Fee: [ASAW] Course: \$450; \$485 after 12/12/2024

Registration Fee: [ASAWEX] Course & exam: \$680; \$715 after 12/12/2024

***Presented by the American Shotcrete Association.***

*Questions should be directed to Alice McComas at 248-983-1702 or [Alice.Mccomas@shotcrete.org](mailto:Alice.Mccomas@shotcrete.org).*



Though you may have used shotcrete contractors for years on your projects do you know what to look for to confirm you're getting the best quality for your money? Though shotcrete is a placement method for concrete the process has fundamentally different equipment, material selection, crew responsibilities, application techniques, testing, curing, and protection that need to be considered for producing high-quality and durable shotcrete.

This one-day course provides guidance on 40+ critical elements of shotcrete applications for to properly evaluate the overall quality of shotcrete placement. These include an overview on material selections, equipment, placement techniques, finishing, curing, protection, testing, and safety as it relates to the shotcrete process. For shotcrete contractors, this course will help you verify the quality of your work to your general contractors and inspectors.

[Optional Reference Resource](#) can be purchased directly from ASA for those pursuing ACI Shotcrete Inspector Certification. The CP61 Pack is the Reference Resource for the open book exam.

**Note:** If interested in pursuing the ACI Shotcrete Inspector Certification and completing the required 90-minute written exam at the conclusion of the course, you need to register for ASAWEX. [Click here](#) to find more about the ACI Shotcrete Inspector Certification Program.

## **NEW! [Unlocking the Secrets to Effective Home Improvement Sales](#)**

Session ID: BHAMO

Date/Time: Monday, January 20 • 9:00 am – 4:00 pm

Registration Fee: \$149

*Presented by Basement Health Association.*

*Questions should be directed to Bonnie Johnson at [bonnie@basementhealth.org](mailto:bonnie@basementhealth.org).*



**NEW for WOC 2025!** You possess the knowledge, the experience, the enthusiasm, and the determination to excel in sales, but without a clear strategy, your potential for success may never be fully realized. First time at World of Concrete, Basement Health Association (BHA) is offering an all-day training session that will provide you with a structured path to refine your sales techniques, enhance your performance, and gain the support you need to ensure you're not just competing, but leading in your field.

The BHA has partnered with TOP REP to offer a level of training usually reserved for large national franchise groups. Chuck Thokey, sales & marketing coach, author, mentor, and keynote speaker has revolutionized the **Home Improvement Sales Industry** from the inside out. Now he offers his sales training secrets to YOU. Come experience what your competition has been learning and start to unlock the secrets to growing your sales!

### **Topics of discussion:**

- Presenting YOUR unique products and services in a convincing and confident way to clients
- Crafting and executing a marketing strategy that sets YOU apart in a competitive market
- Manage YOUR business efficiently while ensuring YOUR team is accountable and performing at their best
- Honing YOUR sales skills to a level that instills confidence in every interaction

**SPECIAL BONUS:** Attendees will receive a \$100 discount off **NEW** BHA memberships for 2024-2025 membership year if they sign up during WOC 2025.

**NOTE:** Lunch is not provided. Agenda details will be emailed to registrants closer to course date.



**CONCRETE FOUNDATIONS ASSOCIATION:** CFA Executive Committee developed the **Wall Foreman Qualifications** to recognize concrete contractors who understand and practice residential foundation wall best practices. Attendees completing minimum of 12 education hours during WOC 2025, including required CFAMO, CFAWE, & CFATH plus 6 hrs. of approved WOC seminars listed on chart below, will receive a certificate from CFA noting their verified education to become a qualified **Residential Wall Foreman**.

### Concrete Basics That Impact the Residential Concrete Industry

**Session ID:** [CFAMO]

**Date/Time:** Monday, January 20 • 8:00 am - 10:00 am

**Registration Fee:** \$125: \$150 after 12/12/2024

**Presented by Concrete Foundations Association.**

*Questions should be directed to Jim Baty at 319.895.6940 or [jbaty@cfaconcretepros.org](mailto:jbaty@cfaconcretepros.org).*

This industry specific Concrete Basics course focuses on the basics from the perspective of a residential wall — what makes it different, high quality, and performance influenced. This presentation will cover the current chemistry of the concrete mix and specifically focus on the three-legged stool performance of time, temperature, and humidity along with the basic internal risks or failure modes of plain concrete and what is being done about it.



### Residential Wall Forming & Reinforcement Best Practices

**Session ID:** [CFAWE]

**Date/Time:** Wednesday, January 22 • 8:00 am - 10:00 am

**Registration Fee:** \$125: \$150 after 12/12/2024

**Presented by Concrete Foundations Association.**

*Questions should be directed to Jim Baty at 319.895.6940 or [jbaty@cfaconcretepros.org](mailto:jbaty@cfaconcretepros.org).*

From removable forms to insulated concrete forms, today's residential wall market has a broad spectrum of systems and applications. With each selection comes different truths and best practices to be effective in quality control and safety. From shrinkage crack control to engineered foundations for higher loading conditions, plain concrete must be reinforced in different ways to deliver results. Once backfill is introduced to the foundation system, good decisions are rewarded, and bad decisions magnified.



### Finishing the Residential Foundation Wall for Performance: Curing to Drainage

**Session ID:** [CFATH]

**Date/Time:** Thursday, January 23 • 8:00 am - 10:00 am

**Registration Fee:** \$125: \$150 after 12/12/2024

**Presented by Concrete Foundations Association.**

*Questions should be directed to Jim Baty at 319.895.6940 or [jbaty@cfaconcretepros.org](mailto:jbaty@cfaconcretepros.org).*


The finished wall with forms removed or left in place is not the end of the construction. The true performance, aesthetically, structurally, and moisture-controlled is impacted by the decisions made for curing practices influenced by climate conditions, exposed nature of the finished surfaces, selection of water barrier, and installation/maintenance of drainage systems. Together, these will literally make or break a foundation wall and establish a legacy of uncelebrated performance or compromised troubleshooting.



**RESIDENTIAL WALL FOREMAN QUALIFICATIONS**


Concrete Foundations Association (CFA) offers the industry a *Wall Foreman Qualification* to recognize concrete contractors who understand and practice residential foundation wall best practices. Attendees completing a minimum of 12 approved education hours during WOC 2025 will receive a certificate of completion for meeting this coursework and as a minimum standard for consideration as a Residential Wall Foreman. See below schedule with list of required and approved education sessions.

**THREE REQUIRED INDUSTRY TRAINING COURSES PRESENTED BY CFA**


	HRS	Topic Focus	Code	Course Title	Day/Time	FEE	after 12/22
	2.0	Wall Foreman <b>REQUIRED</b>	CFAMO	<b>CFA Concrete Basics That Impact the Residential Concrete Industry</b>	Mon, Jan 20 8:00 AM - 10:00 AM	\$125	\$150
	2.0	Wall Foreman <b>REQUIRED</b>	CFawe	<b>CFA Residential Wall Forming &amp; Reinforcement Best Practices</b>	Wed, Jan 22 8:00 AM - 10:00 AM	\$125	\$150
	2.0	Wall Foreman <b>REQUIRED</b>	CFATH	<b>CFA Finishing the Residential Foundation Wall for Performance: Curing to Drainage</b>	Thurs, Jan 23 8:00 AM - 10:00 AM	\$125	\$150

Select minimum 6 hrs from below WOC 2025 seminars approved by CFA.

**Monday, January 20**

	3.0	Concrete Fundamentals	MO01	Concrete Basics I: Concrete Materials, Mixtures & Fresh Properties of Concrete	8:00AM - 11:00AM	\$195	\$225
	3.0	Concrete Fundamentals	MO02	Concrete Basics II: Ordering, Producing, Placing & Finishing Concrete	1:00PM - 4:00PM	\$195	\$225
	3.0	Concrete Repair	MO06	Troubleshooting Concrete Cracks: Understand & Minimize Cracking	8:00AM - 11:00AM	\$195	\$225
	3.0	Concrete Repair	MO07	Concrete Repair I: Surface Prep, Reinforcement, Material Selection & Placement	1:00PM - 4:00PM	\$195	\$225
	1.5	Emerging Leaders	MO101	Teamwork & Trust: Taking it to the Next Level	8:00AM - 9:30AM	\$115	\$145
	1.5	Emerging Leaders	MO102	Connecting Generations: Building Bridges Through Effective Communication & Mentoring	10:30AM - 12:00PM	\$115	\$145
	1.5	Emerging Leaders	MO103	Effective Communication Skills to Increase Your Personal Influence	1:00PM - 2:30PM	\$115	\$145
	1.5	Emerging Leaders	MO104	Everything You Need to Know About Leadership in Construction	3:30PM - 5:00PM	\$115	\$145
	1.5	General Business	MO109	Safety and OSHA Violations: The Good, The Bad & The Ugly	8:00AM - 9:30AM	\$115	\$145
	3.0	Business & Project Mgmt	MO11	Improving Performance Through Effective Leadership	8:00AM - 11:00AM	\$195	\$225
	1.5	Concrete 101	MO130	Cold Weather: Managing Concrete in Winter Conditions	1:00PM - 2:30PM	\$115	\$145
	4.0	Leadership & Mgmt	MOCLW	Workshop: Growing from Laborer to Leader	8:00AM - 12:00PM	\$230	\$295
	1.0	Leadership & Mgmt	MOFF01	How To Be An Effective Trainer	4:00PM - 5:00PM	\$90	\$110
1.5	Masonry 101	MOSP148	Fundamentos y Mejores Prácticas de la Construcción de Mampostería	1:00PM - 2:30PM	\$115	\$145	


**Tuesday, January 21**

	3.0	Concrete Fundamentals	TU03	Concrete Basics III: Troubleshooting Typical Problems, Tips & Marketplace Trends	8:00AM - 11:00AM	\$195	\$225
	3.0	Concrete Repair	TU08	Concrete Repair II: Waterproof, Protection & Corrosion Prevention	8:00AM - 11:00AM	\$195	\$225
	3.0	Concrete Fundamentals	TUSP16	Conceptos Básicos del Concreto I: Materiales del Concreto, Mezclas y Propiedades	8:00AM - 11:00AM	\$195	\$225
	1.5	Emerging Leaders	TU105	Leadership & Management: Be Successful by Knowing the Difference	1:30PM - 3:00PM	\$115	\$145
	4.0	Certification	TU406	ACPA Concrete Pump Operator Safety Review	8:00AM - 12:00PM	\$265	\$295
	4.0	Certification	TU407	CFA Residential Foundations: Compliance & Competency Review	8:00AM - 12:00PM	\$265	\$295
	1.0	Concrete Fundamentals	TUFF02	My Concrete Was Rejected! Challenging the System & Gaining Acceptance	11:30AM - 12:30PM	\$90	\$110
	4.0	Safety	TUFPT	Train-the-Trainer: Fall Protection End User	8:00AM - 12:00PM	\$845	\$945
	4.0	Surveying	TUSTS1	Hands-On Training: Surveying with Total Stations - Basics for Beginners	8:00AM - 12:00PM	\$390	\$470
	4.0	Surveying	TUSTS2	Hands-On Training: Surveying with Total Stations - Basics for Beginners	1:00PM - 5:00PM	\$390	\$470
3.0	Leadership & Mgmt	TUWCW	Women Workshop: Exploring Gender Differences in the Workplace	1:00 PM - 4:00 PM	\$165	\$195	

**Wednesday, January 22**

	1.5	Emerging Leaders	WE106	Building Trust & Ensuring Safety: Mental Health & Construction Psychological Safety	8:30AM- 10:00AM	\$115	\$145
	1.5	Emerging Leaders	WE107	Find, Hire, Train, & Retain Self-Motivated Workers	1:30PM - 3:00PM	\$115	\$145
	1.5	General Business	WE116	Fall Protection Best Practices: Industry Regulations & Guidelines	1:30PM - 3:00PM	\$115	\$145
	3.0	Business & Project Mgmt	WE14	The Rising of the Emerging Leader	8:00AM - 11:00AM	\$195	\$225
	1.0	Concrete Fundamentals	WEFF04	Importance of Water Control in Quality & Durable Concrete	11:30AM - 12:30PM	\$90	\$110
	1.0	Leadership & Mgmt	WEFF05	15 Best Practices: Field, Leadership, & Management	3:30PM - 4:30PM	\$90	\$110
	3.0	Concrete Fundamentals	WESP18	Conceptos Básicos del Concreto III: Solución de Problemas, Consejos y Tendencias del mercado	8:00AM - 11:00AM	\$195	\$225
	4.0	Surveying	WESTS1	Hands-On Training: Advanced Surveying with Total Stations	8:00AM - 12:00PM	\$390	\$470
	4.0	Surveying	WESTS2	Hands-On Training: Advanced Surveying with Total Stations	1:00PM - 5:00PM	\$390	\$470

**Thursday, January 23**

	3.0	Concrete Fundamentals	TH05	Mix Design II: Adjusting with Aggregates & Admixtures	8:00AM - 11:00AM	\$195	\$225
	1.5	Emerging Leaders	TH108	The Mentoring "Playbook": Raising the Next Generational Workforce	1:30PM - 3:00PM	\$115	\$145
	1.5	Concrete 101	TH137	What Is Wrong With My Concrete? Troubleshooting Concrete Quality	1:30PM - 3:00PM	\$115	\$145
	1.5	Concrete Fundamentals	THSP151	Concreto en Condiciones Climáticas Extremas	1:30PM - 3:00PM	\$115	\$145
	4.0	Surveying	THSTS1	Hands-On Training: Surveying with Total Stations - Basics for Beginners	8:00AM - 12:00PM	\$390	\$470
	4.0	Surveying	THSTS2	Hands-On Training: Advanced Surveying with Total Stations	1:00PM - 5:00PM	\$390	\$470

## How to Prepare Estimates That Win You Jobs

**Session ID:** CSDAMT

**Date/Time:** Monday - Tuesday, January 20 - 21 • 8:00 am – 5:00 pm

**Registration Fee:** \$1,350

*Presented by the Concrete Sawing and Drilling Association.*

*Questions should be directed to Suzi Madonia at 217528-3275 or [suzi@frontlineco.com](mailto:suzi@frontlineco.com).*



This two-day classroom course focuses on the practice of estimating sawing and drilling jobs. The course outlines the role of an estimator, reviews different methods of estimating, compares estimates and actual costs, and discusses how estimators affect the company's bottom line. Attendees will learn what the costs of a job are, estimating techniques, how to build an estimating model, verify the estimate, and read blueprints in addition to customer service skills.

**Attendee Requirements:** Attendees should have at least three years of experience in the concrete cutting industry and want to become estimators or be current estimators who want to broaden their knowledge in the field of estimating.

**NOTE:** Attendees need to bring a calculator and architect/engineering scale for blueprint section of this course.

## **NEW!** CSDA GPR Methods & Theory

**Session ID:** CSDATH

**Date/Time:** Thursday, January 23 • 8:00 am – 5:00 pm

**Registration Fee:** \$750

*Presented by the Concrete Sawing and Drilling Association.*

*Questions should be directed to Suzi Madonia at 217528-3275 or [suzi@frontlineco.com](mailto:suzi@frontlineco.com).*



This course covers concrete investigation basics, methods, and theory. Attendees will be taught basic GPR theory, proper procedures on GPR scanning, industry standards on marking out concrete, and limitations of GPR. Case studies from contractors will be presented. This course is geared towards new GPR technicians, company owners looking to add GPR as a service, architects, engineers, general contractors, and anyone looking to understand how GPR should properly be used in any job environment. This session is supported by four of the largest GPR manufacturers in the world: GSSI, Hilti, Proceq and Sensors & Software.

**NOTE:** This is an introductory course – not a certification. **Space is limited, so register early!**

## **NEW!** Building Tomorrow's Workforce: Addressing the Construction Labor Shortage

**Session ID:** DDWE

**Date/Time:** Wednesday, January 22 • 3:00 pm – 4:30 pm

**Registration Fee:** \$95

*Presented by the Dodge Construction Network.*

*Questions should be directed to [Mike.Vogt@construction.com](mailto:Mike.Vogt@construction.com).*



Discover new research from Dodge Construction Network that reveals the future of the construction workforce. Explore the potential of the industry's skilled labor pool, as well as strategies for increasing interest in a career in construction.

### **TOPICS OF DISCUSSION:**

- The survey reveals what construction professionals find most rewarding and compares it to the desires and perceptions of potential workers, highlighting the strengths and challenges of a construction career.
- The large study of 1,000 potential workers, from high school students to mid-career workers, reveals what they seek in a career, and offers insights into how the construction industry can adapt to not only attract more workers, but also create a younger more resilient workforce.

## Fundamentals & Essentials of Successful Concrete Placement

Session ID/Date/Time: [FONMO2] • Monday, January 20 • 12:00 pm – 4:00 pm

Session ID/Date/Time: [FONWE] • Wednesday, January 22 • 12:00 pm – 4:00 pm

Registration Fee: \$235; \$275 after 12/12/2024

Presented by Fonte & Company.

Questions should be directed to Matt Fonte at 303-478-1529 or [matt@fonteandco.com](mailto:matt@fonteandco.com).



This special workshop has been developed by a heavy civil construction contractor with 22 years' experience and a passion for building smooth concrete roads. All aspects of concrete placements will be covered including design, phasing, bidding, mining aggregate, recycling concrete into aggregates, concrete mix designs, paver setups, batching, hauling, and evaluating final smoothness profiles.

Workshop includes in-depth information on below topics:

- Aggregates, concrete mix designs, batch plants, and delivering uniform concrete to a pour
- Subgrade process/problems/corrections
- Equipment, machinery, string lines, quality control measures
- Pavement finishes and textures
- Post-placement operations, sawing, sealing, cold weather protection
- International roughness index (IRI), analyze profilers, identify areas of concern
- Construction defects with associated repairs for each

**SPECIAL NOTE:** The 4-hour pavement fundamentals workshop is offered twice during the week of WOC – register early for best availability, Monday 12pm-4pm or Wednesday 12pm-4pm. For attendees seeking in-depth information on **How to Properly Set Up a Slipform Concrete Machine**, check out course offered Monday 9:30am-11:00am [FONMO1] or Thursday 9:30am-11:00am [FONTH].

## How to Properly Set Up a Slipform Concrete Machine

Session ID/Date/Time: [FONMO1] • Monday, January 20 • 9:30 am – 11:00 am

Session ID/Date/Time: [FONTH] • Thursday, January 23 • 9:30 am – 11:00 am

Registration Fee: \$120; \$145 after 12/12/2024

Presented by Fonte & Company.

Questions should be directed to Matt Fonte at 303-478-1529 or [matt@fonteandco.com](mailto:matt@fonteandco.com).



A proper slipform concrete paver setup can mean the difference between having an award-winning project or removing and replacing concrete pavement. Participants will learn how to develop a paver setup checklist, prepare and change widths of the slipform mold, and size a slipform paver for desired paving width. Various accessories such as tamper bars, augers, plows, mid slab tie bar inserters, and side bar inserters will be discussed in addition to vibrator spacing and alignment, overbuilds, track pad line, paver track offsets, and paver sensors. After a thorough understanding of how to set up a slipform concrete paver, this session will address setting up a slipform paver with a dowel bar inserter (DBI).

**SPECIAL NOTE:** This 90-minute course is offered twice during the week of WOC – register early for best availability, Monday 9:30am-11:00am or Thursday 9:30am-11:00am. For attendees interested in a comprehensive understanding of the **Fundamentals & Essentials of Successful Concrete Placement**, see 4-hour workshop offered Monday, 12pm-4pm [FONMO2] or Wednesday, 12pm-4pm [FONWE].



## **NEW!** Epoxy Anchor Installation for Concrete Connection

**Session Code:** HILWE

**Date/Time:** Wednesday, January 22 • 9:00 am – 10:30 am

**Registration Fee:** \$105

**Presented by Hilti North America.**

*Questions should be directed to Alice Wang at [alice.wang@hilti.com](mailto:alice.wang@hilti.com).*



**NEW for WOC 2025!** Adhesive anchors are an industry staple—and are critical to the addition or expansion of structures. This session dives into the correct installation of epoxy anchors for concrete connections. Become familiar with the latest practices of post-installed connections, what to watch out for, and the fastest, simplest and safest methods to achieve repeatable productivity. By the end of the session, you will gain resources and confidence on the proper installation of these perceived complex post-installed adhesives.

## Foreman Development Course

**Session ID:** FDCSM

**Date/Time:** Sunday - Monday, January 19 - 20 • 8:00 am - 2:00 pm

**MCAA Member Fee:** \$575      **Non-Member Fee:** \$995

**Presented by Mason Contractors Association of America.**

*Questions about MCAA education sessions or convention events should be directed to MCAA at 800-536-2225. For more information, go to [www.masoncontractors.org](http://www.masoncontractors.org).*



As the construction industry continues to change, so should the ways that standout employees make their way upward in organizations. The MCAA has responded by working with masonry industry leaders from across the country to redevelop the popular Foreman Development Course. The course is designed to help both newer and experienced foreman evolve and find success in their respective roles.

**Why should I send my Foreman?** In this Foreman Development Course, the following will be covered:

- Defining Foreman of the Past vs. Foreman of the Future
- New Concepts and Systems
- Technology's Importance
- Foreman Role In Contracts and Estimating
- Financial Management and Proper Communication
- Budgeting and Tracking
- Communication and New Communication Tools
- Time Management
- Quality Assurance and Cost Impacts of Bad QA
- Project and Employee Tracking

Attendees should leave with the tips and tricks of the trade taught by the best and feel empowered in their role. The course was re-developed and taught by three very experienced masons.

## Wall Bracing Program

**Session ID:** WBPTU

**Date/Time:** Tuesday, January 2 • 8:00 am – 12:00 pm

**MCAA Member Fee:** \$400      **Non-Member Fee:** \$775

**Presented by Mason Contractors Association of America.**

*Questions about MCAA education sessions or convention events should be directed to MCAA at 800-536-2225. For more information, go to [www.masoncontractors.org](http://www.masoncontractors.org).*



**Part I 8:00 -10:00:** The Masonry Wall Bracing Program has been developed to provide contractors with the know-how to confidently design and construct bracing for a variety of common masonry structures. This is an opportunity to save your company money by designing your own wall bracing rather than paying a structural engineer.

Part II 10:00 – NOON: Todd Dailey, P.E., President, Dailey Engineering Inc. will present "The Practical Design of Temporary Masonry Wall Bracing". He will discuss the advantages and disadvantages of the three types of temporary bracing systems for masonry walls under construction; 1) Externally Braced, 2) Internally Braced - Unreinforced, and 3) Internally Braced - Reinforced. Instruction and design aids will be provided so masons can quickly perform bracing designs for each system.

This course is intended to teach project managers, safety managers, foremen and any other responsible person to understand and implement the OSHA regulation on wall bracing, and the Standard Practice for Bracing Masonry Walls. Completion of this course will allow your people to design adequate masonry wall bracing safely and efficiently. Why pay an engineer for a design that you can do yourself?

### Silica: Train-the-Trainer Course & Renewal

**Session ID:** STTTU

**Date/Time:** Tuesday, January 2 • 1:00 pm – 4:30 pm

**MCAA Member Fee:** \$400      **Non-Member Fee:** \$775

*Presented by Mason Contractors Association of America.*

*Questions about MCAA education sessions or convention events should be directed to MCAA at 800-536-2225. For more information, go to [www.masoncontractors.org](http://www.masoncontractors.org).*



OSHA rolled out the new silica rule in 2016 and the citations since the rule was implemented have focused on mason contractors. One component of the rule is to have a competent person on each job site. This course will train someone on your staff to train other competent people within your company. Discussions will focus on the required written program of the new rule and the essentials to pass along to the foreman and other competent people on your job sites. Attendees will be provided with training slides for both competent people and general employees. Students renewing this course will not be required to take the test at the end of the class.

### Breakfast with the Experts at World of Concrete

**Session IDs:** TUBE1-2, WEBE1-2, THBE1-2

**Dates:** Tuesday - Thursday, January 21 - 23

**Time [1]:** 6:45 am - 7:45 am • **Time [2]:** 8:15 am - 9:15 am

*Presented and hosted by Master Builders Solutions.*

*Questions should be directed to [seminars@worldofconcrete.com](mailto:seminars@worldofconcrete.com).*



Early risers can find answers to their toughest concrete construction questions when industry experts take questions in a small, relaxed setting – choose from two start times, 6:45 am or 8:15 am. Hot breakfast included.

**Presented by Master Builders Solutions,** *Breakfast with the Experts* provides attendees peer-to-peer opportunities each show morning to pose technical, or not so technical, questions to leading concrete industry experts. A panel will answer questions on concrete construction and sustainable concrete solutions. Looking for solutions to your 1L or GUL cement placement challenges? This is the place to get answers. Each day's content will be different, based on attendee questions, so come spend the week!

**INDIVIDUAL BREAKFAST Registration Fee:** \$60; \$75 after 12/12/2024

- TUBE1, WEBE1, THBE1: 6:45 am - 7:45 am
- TUBE2, WEBE2, THBE2: 8:15 am - 9:15 am

**SPECIAL SAVINGS! Discounted 3-Day Pass:** \$130; \$160 after 12/12/24

- TWTBE1: 6:45 am - 7:45 am
- TWTBE2: 8:15 am - 9:15 am

## Meeting and Exceeding Sustainability Targets Using Admixtures

Session ID: MBSTU

DATE/Time: Tuesday, January 21 • 10:00 am – 12:00 pm

FEE: \$ 110; \$125 after 12/12/2024

*Presented by Master Builders Solutions.*

*Questions should be directed to [jennifer.hamilton@mbcc-group.com](mailto:jennifer.hamilton@mbcc-group.com).*

Learn about reducing embodied carbon in concrete mixtures by 50% or more through advanced mixture optimization, minimizing concrete waste by extending its working time, or repurposing returned concrete for subsequent beneficial use, with documentation of the resulting sustainability benefits using Lifecycle Assessment and Environmental Product Declarations (EPD).



## The Top 10 Reasons Contractors Succeed

Session ID: FBITU

Date/Time: Tuesday, January 21 • 9:00 am – 10:30 am

Registration Fee: \$175; \$195 after 12/12/2024

*Presented by Performance Construction Advisors.*

*Questions should be directed to Wayne Rivers at [writers@performanceconstruction.com](mailto:writers@performanceconstruction.com).*

Reasons contractors fail has been addressed for many years, but there is comparatively little information about why some contractors experience tremendous success and others, not so much. This new course is an in-depth look at top 10 reasons contractors succeed and the requisite factors which can be copied and emulated in any size construction organization. Presentation material comes from concrete subcontractor field & leadership experience, years of research, and close work with approximately 240 contractors in the U.S. and Canada.

### Topics of discussion:

- 10 success factors for becoming a successful, sustainable contracting company
- Specifics how top contractors run their businesses
- Why leadership is the number 1 requirement for contractor sustainability
- Five most important criteria employees want – what attracts top construction workers

**Presenters:** Kevin Albanese, former CEO of J.J. Albanese Construction, Santa Clara, CA, a third-generation family concrete construction subcontractor providing demolition, grading & paving, shotcrete, site concrete and structural concrete-related services since 1955.

Wayne Rivers, co-founder and President of The Family Business Institute, a consulting business focusing on balancing interpersonal, operational, and financial issues experienced by family-owned closely held businesses.

## **NEW!** Ensuring Performance of Low Carbon Concrete Mixtures: Industry Roundtables

Session ID: PLCWE

Date/Time: Wednesday, January 22 • 2:00 pm – 4:00 pm

Registration Fee: \$125; \$150 after 12/12/2024

*Presented by Portland Cement Association and the American Society of Concrete Contractors.*

*Questions should be directed to Michelle Wilson at [mwilson@cement.org](mailto:mwilson@cement.org).*

**NEW for WOC 2025!** Join Moderators Michelle Wilson with PCA and Mike Hernandez with ASCC us for an insightful industry roundtable focused on the latest advancements and best practices in ensuring the performance of low carbon concrete mixtures. This event brings together designers, producers, contractors, educators, researchers, and other industry stakeholders to discuss innovative solutions and strategies for enhancing the sustainability and durability of concrete while reducing its carbon footprint. Participate in engaging discussions with industry experts and peers, focusing on real-world challenges and success stories from projects that have successfully implemented low-carbon concrete.



**Key Topics:**

- Innovative Materials and Methods that reduce the carbon footprint of concrete.
- Performance Metrics for low carbon concrete mixtures.
- Challenges and Solutions in the adoption and implementation of low carbon concrete technologies.
- Future Trends and emerging technologies in sustainable concrete production.

**Who Should Attend:**

- Civil Engineers, Construction Managers, Material Producers
- Sustainability Experts, Researchers and Academics
- Policy Makers, Industry Stakeholders

**Benefits of Attending:**

- Networking opportunities: Connect with industry leaders and peers.
- Knowledge Sharing: Gain insights from experts and share your own experiences.
- Professional Development: Stay updated on the latest trends and technologies.
- Collaborative Environment: Engage in collaborative problem-solving.

**PTI Certification Workshop: Level 1 Unbonded PT Installation**

**Session Code:** PTIMT *presented in English*

**Date/Time:** Monday - Tuesday, January 20 - 21 • 8:00 am – 4:30 pm

**Registration Fee:** \$530; \$610 after 12/12/2024

*Presented by the Post-Tensioning Institute.*

*Questions should be directed to [info@post-tensioning.org](mailto:info@post-tensioning.org) or 248-848-3180.*



This 2-day workshop outlines the basic body of knowledge that should be possessed by all personnel involved in the installation and inspection of single strand unbonded post-tensioning systems for elevated structures. It also serves as an effective introduction for personnel new to post-tensioning, while at the same time providing support and organization for experienced persons.

**Course Details:**

- Post-tensioned concrete concepts and theory
- Post-tensioning components
- Special requirements for encapsulated systems
- Installation requirements
- Tendon stressing and equipment
- Barrier cable installation

**Who should attend:** This training is of value to installers (new & experienced), inspectors, building officials, engineers and architects, or anyone who wants to know more about unbonded post-tensioning installation.

**NOTE:** This workshop is offered in Spanish, same days/times – use session code **PTISPMT** when registering.

**Benefits of Certification:** Quality of materials and workmanship are critical to the long-term durability and performance of post-tensioning. Individuals who complete this training will have a sound working knowledge of post-tensioning installation and inspection that will benefit them and their employers in many ways, including:

- Durability of PT construction
- Improved productivity
- Enhanced safety & risk reduction
- Code and specification compliance
- Improved profitability and competitiveness
- Professional development & better value for the owner

**Code and Specification Compliance:** The International Building Code incorporates ACI 318, “Building Code Requirements for Structural Concrete,” which requires post-tensioning installation be performed by individuals certified by an independent training/certification program; PTI-certified field personnel meet this requirement.

## Programa de certificación de PTI: Postensado sin Adherencia Nivel 1 – Aspectos Básicos de Instalación

**Session ID:** PTISPMT

**Dates/Times:** lunes y martes 20 – 21 de enero • 8:00 am – 4:30 pm

**Costo de registro:** \$530; \$610 after 12/12/2024

*Presentado por el Post-Tensioning Institute.*

*Las preguntas deben dirigirse a [info@post-tensioning.org](mailto:info@post-tensioning.org).*



Esta clase de dos días describe el cuerpo básico de conocimientos que debe ser poseído por todo el personal envuelto en la instalación y la inspección de sistema postensado sin adherencia.

### **Los temas tratados incluyen:**

- Concreto postensado conceptos y teoría
- Componentes de postensado
- Requisitos especiales de sistemas encapsulado
- Requisitos de instalación
- Uso de equipo de tensado
- Instalación de cable de barrera

## PTI Certification: Level 1 & 2 Unbonded PT Repair, Rehabilitation & Strengthening

**Session ID:** PTIRRWT

**Date/Time:** Wednesday - Thursday, January 22 - 23 • 8:00 am – 4:30 pm

**Registration Fee:** \$670; \$750 after 12/12/2024

*Presented by the Post-Tensioning Institute.*

*Questions should be directed to [info@post-tensioning.org](mailto:info@post-tensioning.org) or 248-848-3180.*



This workshop enhances the knowledge and capabilities of installers and inspectors, and other key personnel involved in the repair, rehabilitation and strengthening of single strand unbonded post-tensioning (PT) systems for elevated structures.

### **Topics covered include:**

- Overview of historical and current PT systems
- Overview of initial construction
- Contract documents
- Evaluation
- Repair steps and techniques
- Safety
- Unbonded PT rehabilitation and strengthening
- Case studies

**NOTE:** Participants should have current PTI certification for installation and stressing of single strand unbonded tendons for elevated construction plus field work experience in installation and stressing of unbonded tendons – prerequisite of minimal Level 1 Unbonded PT Installer.

## PTI Certification: Level 1 & 2 Slab-on-Ground Installer & Inspector

**Session ID:** PTISGWT

**Date/Time:** Wednesday - Thursday, January 22 - 23 • 8:00 am – 4:30 pm

**Registration Fee:** \$530; \$610 after 12/12/2024

*Presented by the Post-Tensioning Institute.*

*Questions should be directed to [info@post-tensioning.org](mailto:info@post-tensioning.org) or 248-848-318.*



This 2-day workshop is designed specifically for installation and inspection of single strand unbonded post-tensioning (PT) systems for residential and light commercial slabs-on-ground. It outlines the basic body of knowledge that

should be possessed by all personnel involved in the installation and stressing of PT in these light foundation systems.

**Topics covered include:**

- Introduction to PT fundamentals and systems
- Properties of prestressing steel
- Construction documents
- Installation practices
- Stressing operations
- Tendon finishing

## Innovation & Optimization of 3D Concrete Printing

**Session ID:** SIKTU

**Date/Time:** Tuesday, January 21 • 1:00 pm – 3:30 pm

**Registration Fee:** \$115; \$135 after 12/12/2024

**Presented by Sika Corporation.**

*Questions should be directed to Noah Callantine at [callantine.noah@us.sika.com](mailto:callantine.noah@us.sika.com).*

In In this session, innovations and optimizations of 3D concrete printing will be covered. The complete process for producing high-end structures from start to finish will be presented. Materials, processes and equipment properties, are just some of the topics that will be discussed during this cutting-edge presentation.

**Topics of discussion:**

- Equipment
- Materials
- Processes
- 3D Concrete Printed Structures

## Extending Service Life of Bridge Structures with State-of-the-Art Solutions

**Session ID:** SIKWE

**Date/Time:** Wednesday, January 22 • 9:00 am – 11:00 am

**Registration Fee:** \$90; \$115 after 12/12/2024

**Presented by Sika Corporation.**

*Questions should be directed to Shannon Christie at [christie.shannon@us.sika.com](mailto:christie.shannon@us.sika.com).*

Join Sika Corporation’s finest for a discussion on the ins and outs of Infrastructure Repair and Protection. In this session, you will learn about concrete repair and protection with a focus on bridge deck preservation. Discussions will include case studies and best practices of structural strengthening to enhance your knowledge on FRP/CFRP (Carbon Fiber Reinforced Polymers) solutions and how they can increase the longevity & strength of your structure. Industry specialists will review solutions for all challenging bridge joints. This all-encompassing course will leave you feeling confident to tackle your next project with ease!

## Waterproofing: The Next Generation of Solutions

**Session ID:** SSSWE

**Date/Time:** Wednesday, January 22 • 1:00 pm – 3:30 pm

**Registration Fee:** \$115; \$135 after 12/12/2024

**Presented by Sika Corporation.**

*Questions should be directed to Eric Muench at [muench.eric@us.sika.com](mailto:muench.eric@us.sika.com).*

This session will explore the state of the art in waterproofing and weatherproofing throughout the entire building envelope. Product and application areas like elastomeric joint sealants, liquid applied traffic coatings, liquid applied below grade waterproofing, air barrier and roofing applications will be included in the presentation.



**Topics to be covered:**

- Elastomeric joint sealants
- Expansion joints
- Waterproof traffic coatings membrane innovations
- Liquid applied below grade waterproofing
- Air barrier applications

**Epoxy 101: Challenges & Applications**

**Session ID:** TRFATH

**Date/Time:** Thursday, January 23 • 9:00 am – 11:00 am

**Registration Fee:** \$85; \$105 after 12/12/2024

**Presented by the Thermoset Resin Formulators Association.**

*Questions should be directed to Lingyun He at [lhe2@Olin.com](mailto:lhe2@Olin.com), or 989-948-1352.*



This returning industry training course will introduce the basic chemistry of epoxy and how it can be cured. The pros and cons compared to other chemistries will be discussed in addition to how to select appropriate products based on specific applications.

**Topics of discussion will include:**

- Basic chemistry and curing mechanism of epoxy
- Benefits and issues when using epoxy systems
- Current trends and future of the epoxy industry
- Applications and selection criteria for epoxy in construction
- Environmental health and safety when handling epoxy

**Improving Your Concrete Estimating Process Using Assemblies**

**Session ID:** TRIMTH

**Date/Time:** Thursday, January 23 • 9:00 am – 10:30 am

**Registration Fee:** \$85; \$105 after 12/12/2024

**Presented by Trimble, Building Construction Group.**

*Questions should be directed to [GCSales@trimble.com](mailto:GCSales@trimble.com).*



Concrete estimating is a crucial aspect of construction, as it allows for the proper allocation of resources and the timely completion of projects. One of the most efficient ways of conducting concrete estimating is through estimating assemblies. Using estimating assemblies for concrete estimating provides a wide range of advantages, including time savings, increased accuracy, improved consistency, easier collaboration, and greater flexibility. In this presentation, we will explore the advantages of using estimating assemblies for concrete estimating as well as how to leverage estimating assemblies to improve your concrete estimating process and project outcomes.

**Topics of Discussion:**

- Uses and advantages of assemblies in concrete estimating, including time savings, increased accuracy, consistency, and greater flexibility
- How to create and customize estimating assemblies for specific projects
- Historical data and machine learning to further optimize estimates using estimating assemblies
- Best practices for using assemblies in concrete estimating, including how to ensure consistency and accuracy across different projects

## **NEW!** Overcoming Industry Challenges with Technology Panel Discussion

Session ID: TYFWE

Date/Time: Wednesday, January 22 • 1:30 pm – 3:00 pm

Registration Fee: \$95; \$105 after 12/12/2024

Presented by Tyfoom.

Questions should be directed to Jason Cuskelly at 801-906-3112 or [jason.cuskelly@tyfoom.com](mailto:jason.cuskelly@tyfoom.com).

**TYFOOM**

**NEW for WOC 2025!** Come listen to Industry Professionals as they share success stories about how they are utilizing different types of technology to help improve employee engagement, safety and risk mitigation, quality control, productivity & efficiencies and more. This panel will be moderated by former Reconnaissance Marine and construction professional, Jason Cuskelly with Tyfoom.

## **NEW!** No Time to Waste: Turning Chaos into Clockwork

Session ID: WACPWE

Date/Time: Wednesday, January 22 • 2:30 pm – 4:30 pm

Registration Fees: \$99; \$125 after 12/12/2024

Presented by Women's Association of Concrete Professionals.

Questions should be directed to Lee Ann Harris at [leeann@decorativeconcreteinstitute.com](mailto:leeann@decorativeconcreteinstitute.com) or Christi Tamayo at [christi@selectsurfacesoln.com](mailto:christi@selectsurfacesoln.com).



**WOMEN'S ASSOCIATION**  
OF CONCRETE PROFESSIONALS

**NEW for WOC 2025!** Brittany King, Marketing Manager for SureCrete, TK Products and Concrete Coatings, Inc, has a robust background of working with public, private, non-profits, and everything in between. Her specialties cover vast experience in Sales, Creative & Brand Strategy, Change Management, Role & System Development, Training, and Education.

Brittany is highly motivated to engage, educate, and equip people and teams to reach their next best level, again and again while peppering in obscure movie references anywhere she can. She is a passionate disciple of Jesus by choice, wife and mama by privilege, and strategic system ninja by trade.

### Topic Points:

- **Unlock Extra Hours in Your Day:** Find hidden time to focus on what truly matters to you.
- **Boost Your Productivity:** Learn proven strategies to make every minute count - get more done in less time.
- **Beat Overwhelmness:** Discover how to prioritize effectively and eliminate distractions.
- **Make Time Your Ally:** Shift your mindset from time scarcity to time abundance.

## **EDUCATION SESSIONS, LUNCHEONS AND TOURS HOSTED BY WORLD OF CONCRETE**

### Modern Concrete Technology: Design, Materials & Durability

Session ID: ECCTU

Date/Time: Tuesday, January 21 • 11:00 am – 12:30 pm

Registration Fee: \$95; \$105 after 12/12/2024

Hosted by World of Concrete Education Program.

Questions should be directed to [seminars@worldofconcrete.com](mailto:seminars@worldofconcrete.com).



This program provides a broad overview of modern concrete technology in today's construction marketplace. Selecting the appropriate materials from a wide range of choices is key to your project's success. The presentation focuses on designing a durable and sustainable concrete mix, types of available materials, and products to provide a long service life. Additional topics include meeting specific project requirements for reduced shrinkage with extended joint patterns, waterproofing concrete, etc.

### **TOPICS OF DISCUSSION:**

- What a well-designed concrete mixture looks like
- Importance of w/cm ratio



- Cement and ASTM C595
- Admixtures – when used and how specified
- Fiber reinforcement – types and design
- Joint fillers and sealants
- Curing and sealing concrete

**ABOUT THE PRESENTER:**

Michael H. Weber, CGP, IOM, CSI has been in the concrete industry for 35+ years. His roles have included sales, training, market development, and operations in executive leadership positions with for-profit companies and national trade associations. In 2006, Weber received Hanley Wood Media’s “10 Most Influential People Award” for the construction industry. Most recently, Weber received the National Association of Home Builders’ (NAHB) Building Systems Councils’ 2019 “S.A. Walters Lifetime Achievement Award” for the systems built (concrete, modular, log/timber frame and panelized) industry. He serves as a voting member on four American Concrete Institute (ACI) Standard Committees and is a Trustee for NAHB’s Leading Suppliers Council and Building Systems Councils.

**NEW! Workshop: Exploring Gender Differences in the Workplace**

**Session ID:** TUWCW

**Date/Time:** Tuesday, January 21 • 1:00 pm – 4:00 pm

**Registration Fee:** \$165; \$195 after 12/12/2024

*Hosted by World of Concrete Education Program.*

*Questions should be directed to [seminars@worldofconcrete.com](mailto:seminars@worldofconcrete.com).*



**NEW for WOC 2025!** It is important to understand how gender differences can impact the workplace. This is very relevant in the construction industry. Learn how certain behaviors and expectations may be interpreted by different genders. Explore the Imposter Syndrome and see how it can stop you from reaching your goals. Discover ways that communication style can affect your professional life. This workshop includes small group activities to learn from each other and help you create your own Personal Action Plan.

**Learning Objectives:**

1. Gain the respect of your co-workers, clients, vendors, and associates to elevate your leadership skills.
2. Discover better ways to deal with frustrations, manage expectations, and set boundaries.
3. Determine if you suffer from the Imposter Syndrome or the Dunning-Kruger effect.
4. Create a Personal Action Plan to reach your career goals.

**Concrete Polishing Luncheon & Forum**

**Session ID:** TUCPL

**Date/Time:** Tuesday, January 21 • 11:30 am – 1:30 pm

**Registration Fee:** \$120; \$155 after 12/12/2024

*Hosted by World of Concrete and ASCC Concrete Polishing Council.*

*Sponsored by National Flooring Equipment, Prosoco, Retro Plate, and Skudo.*

*Direct questions to Rick Yelton at [rick.yelton@informa.com](mailto:rick.yelton@informa.com) or 630-605-7203.*



The Concrete Polishing Council (CPC) of the American Society of Concrete Contractors (ASCC) routinely releases position papers to aid polishing contractors in bettering their operations. These consensus documents are informative and authoritative, providing crucial support to polishing contractors grappling with the challenges of the current conditions.

The forced introduction of Type 1L cement into commercial concrete construction has caused contractors to reassess their operations. With proper precautions and adjustments, polishers can still deliver attractive, durable, and flat floors.

CPC recently published **Position Paper #8 Portland Limestone Cement and Its Effect on Polished Concrete**. This important document outlines the challenges this new material has created for polishers and suggestions on how

contractors can mitigate potential defects. To assist concrete polishers on how to address this and other issues, CPC has also published *How to use the CPC Position Statements*.

Seize this opportunity to glean insights from the experienced experts who have collectively crafted these significant documents. Their expertise will guide you on leveraging these position papers in your concrete polishing projects, ensuring greater profitability.

**Concrete Polishing Panelists:**

Ryan Klacking, Concrete Polishing Council, Council Director  
Roy Bowman, Concrete Polishing Council, Technical Committee Chair  
Clark Branum, ASCC's Decorative & Polished Concrete Specialist

**Quality in Concrete Slabs Luncheon & Forum**

Session ID: WESOG

Date/Time: Wednesday, January 22 • 11:30 am – 1:30 pm

Registration Fee: \$120; \$155 after 12/12/2024

Hosted by World of Concrete and American Society of Concrete Contractors.

Sponsored by Euclid Chemical, Operative Plasterers' & Cement Masons' International Association (OPCMIA), and Somero Enterprises.

Direct questions to Rick Yelton at [rick.yelton@informa.com](mailto:rick.yelton@informa.com) or 630-605-7203.

**Maintaining Quality on Slabs During Tilt-Up Construction** – World of Concrete attendees have learned how to improve the quality of concrete slabs while increasing their productivity for more than a decade. In this edition, you will learn about the innovations contractors can bring to placing high-quality concrete slabs during tilt-up construction.

As more owners choose tilt-up construction, placing contractors are often asked to construct a Class 9 floor with stringent levelness and flatness requirements that serve as casting surfaces. Concrete contractors will describe how they have delivered quality floors on these construction projects.

Come to the luncheon on Wednesday, January 22, 2025, to actively participate, learn, ask questions, and get answers on the best steps for contractors to deliver a high-quality slab efficiently when constructing tilt-up structures.

**Concrete Slabs Panelists:**

Bill Palmer, Moderator  
Chris Tull, CRT Concrete Consulting  
Rob Young, Lithko  
David Buzzelli, Texas A&M Concrete  
Joe Vitale, B&B Concrete

**3D Construction Printing Luncheon & Forum**

Session ID: TH3DP

Date/Time: Thursday, January 23 • 11:30 am – 1:30 pm

Registration Fee: \$120; \$155 after 12/12/2024

Hosted by World of Concrete.

Direct questions to Rick Yelton at [rick.yelton@informa.com](mailto:rick.yelton@informa.com) or 630-605-7203.

3D Construction Printing is one of the fastest growing, emerging concrete construction techniques entering the residential and commercial marketplace. The influx of new layering techniques, machine designs, and materials is rapidly transforming construction as we know it. When any innovation enters the market, adoption can be challenging.

This editorial luncheon and forum will focus on the challenges contractors face as they bring the type of construction application to the field. In this interactive, peer-to-peer environment, a panel of industry experts will discuss the



challenges and attempt to develop, train, and educate the new type of employee needed to staff, manage, and lead this industry.

**Topics of discussion:**

What skills will machine operators need to operate in this industry?

What types of training are required to ensure safe operation on job sites?

What are the types of operational skills managers should adopt?

**Moderator:**

- **Rick Yelton**

**Panelists:**

- **Matt Carli**, Director Strategic Development & Partnerships 3D concrete printing, Putzmeister America, Inc.
- **Mike Raymond**, Apprenticeship Coordinator, Cement Masons and Plasterers Training Centers of Washington
- **Ryan Cox**, COO, Alquist
- **Ray Dumas**, Business Agent, OPCMIA Local 528

**SOLD OUT!! Hoover Dam & Bypass Bridge Tour**

**Session ID/Date/Time:** [HDS] • Sunday, January 19 • 12:30 pm - 5:30 pm

**Session ID/Date/Time:** [HDF] • Friday, January 24 • 9:00 am – 2:00 pm

**Registration Fee:** \$140; \$155 after 12/12/2024

**Hosted by World of Concrete.**

*Questions about the tours should be directed to [contactus@worldofconcrete.com](mailto:contactus@worldofconcrete.com).*



Join Rick Yelton, World of Concrete's Editor at Large and Chair of ACI 120-History, on a visit to two of the world's most famous concrete structures, the Hoover Dam and the Mike O'Callaghan – Pat Tillman Memorial Bridge. Rick will share behind-the-scenes information on how these concrete structures, built more than 50 years apart, contributed to the development of new standards in concrete construction in their era.

Attendees will participate in a brief orientation and concrete contractor-focused presentation in a meeting room at the Las Vegas Convention Center. The presentation will explain how concrete contractors met the common engineering challenges of building these iconic structures, including harsh conditions, crane work, concrete mix designs, and creating new approaches to accomplish these special projects.

**NOTE:** Box lunches will be provided for both days. Tour buses will depart from LVCC Door 9 at the end of the Grand Course and drop off attendees at the Las Vegas Monorail Access across from LVCC South Hall. Hoover Dam is a walking tour that includes steps – attendees are encouraged to wear comfortable closed-toe shoes.

**IMPORTANT:** These popular tours have limited capacity and sell out fast – REGISTER SOON for best availability for day that best fits your travel plans – [HDS] Sunday before the show opens or [HDF] Friday post-show tour.