







WORLD OF CONCRETE 2017 EDUCATION PROGRAM *Program-at-a-Glance, page 1 (as of 11/14/16)*





WOC 3-HOUR SEMINARS

3-Hour Tracks ↓	MONDAY January 16		TUESDAY January 17	WEDNESDAY January 18	THURSDAY January 19	FRIDAY January 20
	8:00 AM—11:00 AM	1:00 PM—4:00 PM	8:00 AM—11:00 AM	8:00 AM—11:00 AM	8:00 AM—11:00 AM	8:00 AM—11:00 AM
CONCRETE FUNDAMENTALS	MO01 NEW! Concrete Basics I: Concrete Materials, Mixtures, Batching & Transporting <i>Jeff Groom, Rich Szecsy</i>	MO02 NEW! Concrete Basics II: Depositing, Testing, Placing, Finishing & Curing Concrete <i>Jeff Groom, Rich Szecsy</i>	TU03 NEW! Concrete Basics III: Typical Problems, Durability & Trending Applications <i>Jeff Groom, Michelle Wilson</i>	WE04 NEW! What Everyone Receiving Fresh Concrete at the Jobsite Should Know <i>Jay Shilstone</i>	TH05 NEW! Addressing Common Problems During & After Concrete Placement <i>Michelle Wilson</i>	
CONCRETE FLOORS & SLABS	MO06 NEW! Creating the Concrete Canvas for Decorative & Polished Concrete Slabs <i>Pat Harrison, Bryan Birdwell</i>	MO07 NEW! Polishing Retail & Industrial Slabs—Design, Construction & Polisher Best Practices <i>Rick Smith, Bob Harris</i>	TU08 NEW! On Trial for a Moisture-Related Flooring Failure: Steps for Avoiding a Failure <i>Peter Craig, Scott Tarr</i>			FR09 Unique Slab Design & Construction: Superflat + High Volume Fiber Floors & Pavements <i>Jerry Holland, Bryan Birdwell</i>
CONCRETE PRODUCTION			TU10 NEW! Troubleshooting Ready Mix Quality—When Bad Things Happen to Good Concrete <i>Jay Shilstone</i>	WE11 Effective Use of Chemical Admixtures to Achieve Better Concrete <i>Charles Nmai</i>	TH12 Concrete Mix Design I: Evaluation of Mixtures <i>Ken Hover</i>	FR13 Concrete Mix Design II: Adjusting with Aggregates and Admixtures <i>Ken Hover</i>
CONCRETE REPAIR	MO14 Troubleshooting Concrete Cracks: Understand and Minimize Cracking <i>Kim Basham</i>	MO15 Advanced Concrete Repair for Contractors & Engineers—Structural Distress, Assessment & Solutions <i>Jay Thomas</i>	TU16 NEW! Concrete Repair Fundamentals I: Surface Preparation, Reinforcement Repair, Material Selection & Placement <i>Peter Emmons</i>	WE17 NEW! Concrete Repair Fundamentals II: Waterproofing, General Protection & Corrosion Prevention <i>Peter Emmons, Jorge Costa</i>	TH18 Repairing Concrete Cracks: Evaluation and Selection of Repair Methods <i>Kim Basham</i>	
DECORATIVE CONCRETE		MO19 NEW! How to Succeed at Concrete Countertops <i>Jeff Girard</i>	TU20 NEW! Fundamentals of Polished Concrete—From the Ground Up <i>Bob Harris, Chris Sullivan</i>	WE21 Acid Staining: Advanced Techniques for Flawless Horizontal & Vertical Application <i>Federico Jasso</i>	TH22 Understanding, Selecting and Troubleshooting Sealers & Coatings for Decorative Concrete <i>Chris Sullivan</i>	FR23 The Stamped Concrete Process: Best Practices & Issue Prevention <i>Todd Scharich</i>
BUSINESS & PROJECT MANAGEMENT	MO24 NEW! Small Company Survival Skills to Reach the Next Level <i>Jeff Stokes</i>	MO25 Increasing Jobsite Productivity—A Fifteen-Point Program <i>Jim Adrian, Kristy Wolfe</i>	TU26 Managing & Motivating Your People by Personality <i>Jeff Stokes</i>	WE27 NEW! Creating, Managing & Utilizing a Construction Schedule <i>Rocky Geans, Kristy Wolfe</i>	TH28 Effective Leadership for Owners, Managers & Project Supervisors <i>George Hedley</i>	FR29 How to Build & Grow a Construction Company that Always Makes a Profit <i>George Hedley</i>


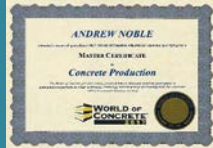





WOC HANDS-ON TRAINING

SPECIAL APPRECIATION to WOC Exhibitors contributing equipment and materials used for hands-on training.	TUESDAY January 17			WEDNESDAY January 18	THURSDAY January 19	     
	Surveys with Total Stations			TUSTS1 and WESTS1 SOLD OUT		
	TUSTS1 Tuesday, 8:00 am - 12:00 pm TUSTS2 Tuesday, 1:00 pm - 5:00 pm - Basics of Surveying for Beginners			WESTS1 Wednesday, 8:00 am - 12:00 pm - Advanced Surveying		
	TUSC1 Tuesday, 1:00 pm - 5:00 pm Stamped Concrete • <i>Paul Schneider</i>			WESC1 Wednesday, 8:00 am - 12:00 pm	THSC1 Thursday, 8:00 am - 12:00 pm	
				WEPTD1 Wednesday, 1:00 pm - 5:00 pm Place & Finish Floors	THPTD2 Thursday, 1:00pm - 5:00 pm	
	TUMD1-2 Tuesday, 12:00 pm - 5:45 pm Mix Design & Testing Labs			WEMD1-2 Wednesday, 12:00 pm - 5:45 pm	THMD1-2 Thursday, 12:00 pm - 5:45 pm	

WOC 4-HOUR CERTIFICATION SEMINARS & EXAMS

   	MONDAY January 16	TUESDAY January 17	WEDNESDAY January 18	THURSDAY January 19	INDUSTRY CERTIFICATIONS for the construction professional Opportunities for craftsmen, technicians, supervisors and inspectors to receive internationally recognized credentials. <i>See additional certifications under Industry Training – pg. 3.</i>
		MO401 ACI/CRSI Adhesive Anchor Installer Monday, 8:00 am - 12:00 pm <i>Werner Hellmer, Mike Morrison</i> TUAAW A/A Installer Written Exam Tuesday, 8:00 am - 9:30 am TUAAAP A/A Installer 1 ½-Hr Perf Exam Tuesday, 10:00 am - 2:30 pm MO402 NEW! ACI Adhesive Anchor Inspector Monday, 8:00 am - 12:00 pm <i>Werner Hellmer, Mike Morrison</i> TUAIW A/A Inspector Written Exam Tuesday, 8:00 am - 10:00 am	MO403 ACI Specialty Comm/Indus Concrete Flatwork Monday, 1:00 pm - 5:00 pm <i>Jerry Holland, Bob Simonelli</i> TUFPE Comm/Ind Performance Exam Tuesday, 7:00 am - 1:00 pm TUCIF Comm/Ind Written Exam Tuesday, 3:30 pm - 5:30 pm	TU404 ACPA Concrete Pump Operator Safety Tuesday, 8:00 am - 12:00 pm <i>Les Ainsworth</i> TUCPE Written Exam Tuesday, 1:00 pm - 3:00 pm TU405 ACI Concrete Field Testing Technician - Grade I Tuesday, 1:00 pm - 5:00 pm <i>Mitch Englestead</i> WEFTW Field Testing Written Exam Wednesday, 3:30 pm - 5:00 pm THFTF 2-Hr Field Testing Perf Exam Thursday, 9:00 am - 1:00 pm	














WORLD OF CONCRETE 2017 EDUCATION PROGRAM *Program-at-a-Glance, page 2 (as of 11/14/16)*

WOC 90-MINUTE SEMINARS												
90-Min Tracks	MONDAY January 16				TUESDAY January 17		WEDNESDAY January 18		THURSDAY January 19		FRIDAY January 20	
	8:30 AM—10:00 AM	10:30 AM—12:00 PM	1:30 PM—3:00 PM	3:30 PM—5:00 PM	8:30 AM—10:00 AM	1:30 PM—3:00 PM	8:30 AM—10:00 AM	1:30 PM—3:00 PM	8:30 AM—10:00 AM	1:30 PM—3:00 PM	8:30 AM—10:00 AM	
BUSINESS FINANCE & MONEY MATTERS	DETAILED DESCRIPTIONS for all WOC education offerings can be found at www.worldofconcrete.com • Click on EDUCATION tab Select "Education Type" under SESSIONS subtab				TU101 Change Orders & Claims—Winning the Battles Without Losing the War <i>Mike Clancy</i>	TU102 Winning from the Beginning—Develop a Best-in-Class Estimating Function <i>Mike Clancy</i>		WE103 NEW! Better Job Costing and Labor Controls to Increase Profits <i>Leslie Shiner</i>		TH104 NEW! Numbers Contractors Must Know & Track to Make a Profit <i>George Hedley</i>		
BUSINESS LEADERSHIP & MANAGEMENT		MO105 NEW! Leadership Opportunities in a Multi-Generational Workforce <i>Kristy Wolfe</i>			TU106 NEW! Embracing Accountability to Increase Productivity <i>Randy Anderson</i>	TU107 Leadership & Management: Be Successful by Knowing the Difference <i>Wally Adamchik</i>	WE108 NEW! How to Establish Teamwork on Every Crew & Job <i>Jeff Stokes</i>		TH109 NEW! Find, Hire, Train & Retain Self-Motivated Workers <i>Brad Humphrey</i>			
GENERAL BUSINESS Best Practices	CERTIFICATE OF COMPLETION Individual seminar certificates available to download 7-8 weeks after the show.				MO110 NEW! Sales 101: Essential Elements of Sales Effectiveness <i>Randy Anderson</i>	TU111 NEW! How to Reduce Ten Defects that Reduce Construction Productivity <i>Jim Adrian</i>	WE112 NEW! Tips, Techniques & Time Management Hacks for Field Leaders <i>Wally Adamchik</i>	WE113 NEW! No Bad Jobs Pre-Con that Every Contractor Must Embrace <i>Brad Humphrey</i>	TH114 How to Increase Profitability by Creating Simple, Effective Systems <i>Doug Herbert</i>	TH115 NEW! Increase Attraction of Concrete Careers & Resolve Workforce Issues <i>Jereme Montgomery</i>		
CONCRETE 101						TU116 Proven Techniques for Quality Concrete Placement & Consolidation <i>Kim Basham</i>		WE117 Placing & Finishing Concrete Slabs—Best Practices for Beginners <i>Jeff Groom</i>	WE118 NEW! Pumping Air-Entrained Concrete: Problem or No-Problem <i>Ken Hover</i>	TH119 Industrial Concrete Floor Finishing: Building a Process <i>Bryan Birdwell, Bob Simonelli</i>	FR121 Cold Weather: Managing Concrete in Winter Conditions <i>Kim Basham</i>	
ENGINEERING		MO122 NEW! Design & Construction of Slabs on Ground + Slabs on Metal Deck <i>Jerry Holland, Rick Smith</i>	MO123 NEW! Basic Principles of Post-Tensioning—Capabilities and Issues to Avoid <i>Lance Osborne</i>			TU124 NEW! Reinforcing Steel Bar: Jobsite Issues & Inspection <i>Jose Mendoza</i>		WE125 Masonry Engineering 101: Designing Reinforced Masonry <i>Michael Schuller</i>		TH126 Industrial Pavements & Parking Lots: Design, Materials & Construction <i>Jerry Holland, Bryan Birdwell</i>	WOC MASTER CERTIFICATE  Attend 12 total seminar hours and earn a MASTER CERTIFICATE. See SUPER PASS PACKAGES for savings.	
MASONRY	CONTINUING EDUCATION Approvals for AIA, PDH, MCAA and TCA are reflected online in WOC Education Program seminar and course descriptions.					TU127 Troubleshooting Masonry Part I: Cracks & Movement <i>Michael Schuller</i>	WE128 Troubleshooting Masonry Part II: Leaky Walls <i>Rashod Johnson</i>		TH129 Preventing & Handling Efflorescence in Masonry <i>Michael Schuller</i>	TH130 NEW! Grouting of Masonry Walls—Materials, Methods, Inspection & Best Practices <i>Nicholas Lang</i>		
RESIDENTIAL CONSTRUCTION	MO131 Residential Subgrade & On-Grade Drainage: Problems and Solutions <i>Jim Bay</i>				TU132 NEW! Residential & Light Commercial Construction for Poured Concrete, ICF & Masonry Walls <i>Brent Anderson</i>	TU133 Residential Flatwork: Preplanning and Avoiding Conflict <i>Rocky Geans</i>		WE134 NEW! Interior Guidelines to Freeze/Thaw Durable Concrete <i>Jereme Montgomery</i>				
SAFETY & RISK MANAGEMENT			MO135 OSHA's Top 10 Construction Field Citations & How to Avoid Them <i>Matt Murphy</i>			TU136 NEW! Fall Protection for Masonry, Concrete & Precast Projects <i>Matt Murphy</i>		WE137 NEW! Maintaining Structural Safety as Part of the Job Safety Analysis Process <i>Jay Thomas</i>		TH138 NEW! OSHA's Crystalline Silica Rule for Construction <i>David Murray, Don Evans</i>		
TECHNICAL UPDATES	MO139 NEW! Performance of Supplementary Cementitious Materials <i>Charles Nmai</i>			MO140 NEW! Consideration for the Design & Construction of Topping Slabs for Buildings <i>Scott Tarr</i>				WE141 NEW! Shotcrete Technology: Advances, Research & Challenges <i>John Zhang, Chris Zynda</i>	WE142 NEW! Reshoring—Conditions, Loads, Capacity & Calculations <i>Rodney Adams</i>	TH143 NEW! Locating Joints Properly in Concrete Pavements <i>Jerry Voigt</i>	TH144 Interior Overlays: Microtoppings & High Performance Floor Coatings <i>Rich Cofoid</i>	FR145 NEW! Concrete Under the Microscope: Early Age Behavior <i>David Rothstein</i>
WOC INTERACTIVE WORKSHOPS & LIVE DEMONSTRATIONS												
Monday January 16			Tuesday January 17			Wednesday January 18			Thursday January 19			
MOLBC Boot Camp for Field Leaders: Field Leadership Excellence Monday, 8:00 am - 5:00 pm • <i>Brad Humphrey</i>			TULBC Boot Camp for Foremen & Supervisors: Strategic Thinkers & Planners Tuesday, 8:00 am - 5:00 pm • <i>Brad Humphrey</i>			NEW! WELBC Sales Workshop: Move Ahead of Your Competition Wednesday, 8:00 am - 12:00 pm • <i>Brad Humphrey</i>			THASD Acid Staining Wkshp & Live Demo Thursday, 1:00 pm - 4:00 pm • <i>Federico Jasso</i>			
MOCFT Train-the-Trainer: Construction Forklifts Monday, 8:00 am - 12:00 pm • <i>Ron Overton</i>			NEW! TUFPT Train-the-Trainer: Fall Protection Tuesday, 8:00 am - 12:00 pm • <i>Ron Overton</i>			WECDD Concrete Countertops Wkshp & Live Demo Wednesday, 12:30 pm - 4:30 pm • <i>Jeff Girard</i> SOLD OUT!			THDOD Decorative Overlays Wkshp & Live Demo Thursday, 1:00 pm - 5:00 pm • <i>Brian Farnsworth, Chris Sullivan, Chris Becker</i>			
MOASL Train-the-Trainer: Aerial and Scissor Lifts Monday, 1:00 pm - 5:00 pm • <i>Ron Overton</i>			TURSS Train-the-Trainer: Rigging and Signaling Tuesday, 1:00 pm - 5:00 pm • <i>Ron Overton</i>			SPECIAL APPRECIATION TO:			    			

WOC 2017 INDUSTRY EVENTS - courses, breakfasts, luncheons & tours Program-at-a-Glance, page 3 (as of 11/14/16)

Below sessions are presented by industry associations, exhibitors, and media. Contact individual organizations with questions.

INDUSTRY TRAINING

	SUNDAY January 15	MONDAY January 16	TUESDAY January 17	WEDNESDAY January 18	THURSDAY January 19	FRIDAY January 20
            	HOOVER DAM & BYPASS TOURS	Las Vegas Chapter of the American Concrete Institute ACISIC ACI Concrete Construction Special Inspector Certification (IMPERIAL) Review Course: Mon - Wed, 8:00 am - 3:30 pm • Certification Exam: Thurs, 8:00 am - 12:30 pm				SPECIAL TRAINING PROVIDED BY ASSOCIATIONS Certifications, education, and training offered for industry-specific professionals. ACI Special Inspector CSDA Certifications ICF Contractor ICPI Installer MCAA Foreman PCI Quality Control Additional training: • diamond cutting • estimating • masonry • pavements • polishing • scaffolding • self-consolidating • shotcrete • slab moisture • surface repair • volumetric
		American Concrete Pavement Assoc ACPARC Quality Roller Compacted Concrete Mon, 8:30 am - 12:00 pm	American Shotcrete Association ASATU Shotcrete Nozzleman Education Tues, 9:00 am - 4:00 pm	American Concrete Pavement Assoc ACPAWE FuturePave: Concrete Paving Wed, 9:00 am - 12:00 pm	American Concrete Pavement Assoc ACPATH Pavement Jointing Hands-On Workshop Thurs, 1:00 pm - 5:00 pm	
	ACPAPS Constructing Smooth Concrete Pavements Mon, 1:00 pm - 4:30 pm	Concrete Sawing and Drilling Association CSDATW CSDA GPR Certification Tues - Wed, 8:00 am - 5:00 pm		Concrete Sawing and Drilling Association CSDAWTH Diamond Cutting: Sharpen Your Skills Wed, 8:00 am - 5:00 pm • Thurs, 7:00 am - 4:00 pm		
	Concrete Sawing and Drilling Association CSDAMT Estimating Course Mon - Tues, 8:00 am - 5:00 pm		Concrete Sawing and Drilling Assoc CSDATU CSDA ST115 Certification Tues, 8:00 am - 1:00 pm		CSDAPWTH Concrete Polishing Wed - Thur, 8:00 am - 5:00 pm	
	Euclid Chemical Company MOSCC Self-Consolidating Concrete Today Mon, 1:00 pm - 4:30 pm	Council of ICF Industries & ICF Builder Group TUICF Introduction to ICFs Tues, 10:30 am - 12:00 pm		WEICF ICF Complete Solution for Disaster Resilience Wed, 10:30 am - 12:00 pm	THICF ICF Mid-Rise Buildings Thurs, 10:30 am - 12:00 pm	
	Frank R. Walker Publishing MTCEW Concrete Estimator's 2-Day Workshop Mon - Tues, 8:00 am - 4:30 pm		Colegio de Ingenieros Civiles de León CICLWE Aplicación del Concreto Lanzado (Shotcrete offered in Spanish) Wed, 9:00 am - 1:00 pm		Concrete Industry Management (CIM) at Chico State THVMC Volumetric Concrete Workshop Thurs, 8:30 am - 4:30 pm	
	Mason Contractors Association of America FDSM MCAA Masonry Foreman Development Sun - Mon, 8:00 am - 4:00 pm		Interlocking Concrete Pavement Institute ICPIW ICPI Concrete Paver Installer Course Tues - Wed, 8:00 am - 5:00 pm		Int'l Concrete Repair Institute ICRITH Concrete Slab Moisture Demonstration & Workshop Thurs, 8:00 am - 11:00 am	
	BREAKFAST WITH THE EXPERTS	Mason Contractors Assoc of America STTTU MCAA Silica Train-the-Trainer Tues, 9:00 am - 3:00 pm		Mason Contractors Assoc of America WBPTH MCAA Masonry Wall Bracing Thurs, 9:00 am - 12:00 pm		
		Recast/Prestressed Concrete Institute PCI Quality Control Technician/Inspector Certification - Levels I & II PCI1 Monday, 8:00 am - 5:00 pm • Level I Exam Tues, 8:00 am - 9:00 am PCI2 Tuesday, 10:00 am - 5:30 pm • Level II Exam Wed, 8:00 am - 11:00 am PCI3 Mon - Tues, 8:00 am - 5:30 pm • Level I Exam Tues, 8:00 am - 9:00 am • Level II Exam Wed, 8:00 am - 11:00 am PCI Certified Field Auditor Training & Certification PCICFA Mon - Tues, 8:00 am - 5:00 pm • Wed, 8:00 am - 4:00 pm		Mason Contractors Assoc of America SSPTH MCAA Storm Shelter Program Thurs, 8:00 am - 2:00 pm (select preferred 1-hour topics or 5 Series Certificate)		
	BASF Construction Chemicals TUESDAY - THURSDAY 6:45 AM - 7:45 AM TUBE1, WEBE1, THBE1 8:15 AM - 9:15 AM TUBE2, WEBE2, THBE2 SPECIAL SAVINGS WITH A 3-DAY PASS TWTBE1, TWTBE2	Scaffold & Access Industry Association SAIATU Competent Person Training Frame Scaffold Tues, 7:30 am - 4:30 pm		SAIawe Competent Person Training Suspended Scaffold Wed, 7:30 am - 4:30 pm	Recast/Prestressed Concrete Institute PCICCA PCI Certified Company Auditor Training & Certification Thurs, 8:00 am - 4:00 pm	
			LUNCHEONS & FORUMS			
		TUCPL Concrete Polishing Tues, 11:30 am - 1:30 pm	WESOG Quality Concrete Slabs Wed, 11:30 am - 1:30 pm	THBSL Steel-Fiber Reinforced Concrete Thurs, 11:30 am - 1:30 pm		

See detailed descriptions at www.worldofconcrete.com
 - click Education tab
 - select "Association & Industry Training" under EDUCATION LINKS