

# WORLD OF CONCRETE 2012 EDUCATION PROGRAM *Schedule-at-a-Glance*

## WOC 3-HOUR SEMINARS

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	MONDAY January 23		TUESDAY January 24	WEDNESDAY January 25	THURSDAY January 26	FRIDAY January 27
	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
<b>CONCRETE FUNDAMENTALS</b>	<b>MO01 NEW!</b> Surveying Basics I: Using Digital Total Stations <i>Rod Skaggs</i>  See optional <b>HANDS-ON TRAINING</b> events. TUSDT Tuesday, 8-11am WESDT Wednesday, 1-4pm	<b>MO02 NEW!</b> Surveying Basics II: Using Automatic and Digital Levels <i>Rod Skaggs</i>  See optional <b>HANDS-ON TRAINING</b> events. TUSDL Tuesday, 1-4pm WESDL Wednesday, 8-11am	<b>TU03 NEW!</b> Concrete Basics Part I: Concrete Mixtures, Materials & Fresh Properties <i>Terry Holland, Jeff Groom</i>	<b>WE04 NEW!</b> Concrete Basics Part II: Ordering, Making, Placing & Finishing Concrete <i>Terry Holland, Jeff Groom</i>  <b>WE05 NEW!</b> Handling Environmental Factors—Placing Concrete in Adverse Conditions <i>Kim Basham</i>	<b>TH06 NEW!</b> Concrete Basics Part III: Curing, Effects of Weather & Sustainability <i>Terry Holland</i>	<b>FR07 NEW!</b> Concrete Basics Part IV: Hardened Properties and Durability <i>Terry Holland, Jeff Groom</i>
<b>CONCRETE PRODUCTION</b>		<b>MO08 NEW!</b> High-Performance Concrete: Key Requirements for the Concrete Team <i>Bill Phelan, Jack Gibbons</i>	<b>TU09</b> Concrete Mix Design Part I: Evaluation of Mixtures <i>Ken Hover</i>	<b>WE10</b> Concrete Mix Design Part II: Adjusting with Aggregates and Admixtures <i>Ken Hover</i>	<b>TH11 NEW!</b> Concrete Material Incompatibility—Evaluation, Resolution and Related Testing <i>Tim Cost</i>	
<b>CONCRETE REPAIR</b>	<b>MO12</b> Concrete Repair I: Evaluation and Repair Strategies <i>Pete Popovic, James Donnelly</i>	<b>MO13</b> Concrete Repair II: Surface Preparation, Reinforcement Repair, Material Selection and Placement Techniques <i>Peter Emmons, James McDonald</i>	<b>TU14</b> Concrete Repair III: Protection and Waterproofing Systems <i>Pete Popovic, Jorge Costa</i>	<b>WE15</b> Concrete Repair IV: Structural Repairs and Strengthening Techniques <i>Pete Popovic, Jay Thomas</i>	<b>TH16</b> Troubleshooting Concrete Cracks <i>Kim Basham</i>	<b>FR17</b> Repairing Concrete Cracks <i>Kim Basham</i>
<b>DECORATIVE CONCRETE</b>	<b>MO18</b> Troubleshooting Decorative Concrete I: Integral Color, Stamped Concrete & Overlays <i>Chris Sullivan</i>	<b>MO19</b> Troubleshooting Decorative Concrete II: Stains, Dyes and Sealers <i>Chris Sullivan</i>	<b>TU20</b> Concrete Polishing: The Final Finish <i>Clif Rawlings, Derek Mackenzie</i>  <b>TU21 NEW!</b> Decorative Concrete: Exploration of Coloring Systems <i>Shellie Rigby, Randall Klassen</i>	<b>WE22</b> Acid-Staining: Advanced Techniques for Flawless Horizontal and Vertical Application <i>Federico Jasso</i>  <b>WE23</b> The Basics of Stamped Concrete: Texturing Options and Efficiencies <i>Todd Scharich</i>	<b>TH24 NEW!</b> Successful Finished Concrete Flooring: The Complete Game Plan from Pre-Bidding to Post Job Reporting <i>Joe Reardon</i>  <b>TH25</b> Concrete Countertops: Step-by-Step Instructions using GFRC <i>Jeff Girard</i>	<b>FR26</b> Decorative Overlays—Options and Opportunities <i>Richard Cofoid</i>
<b>FLOORS &amp; SLABS</b>	<b>MO27</b> Floors Done Right—From Beginning to End <i>Eidon Tipping, Greg Fricks</i>	<b>MO28</b> Polishing Retail and Industrial Slabs—Design and Construction Best Practices <i>Rick Smith</i>	<b>TU29</b> How to Avoid and Fix Moisture Problems in Concrete Floors & Flooring <i>Howard Kanare</i>	<b>WE30 NEW!</b> Toppings and Overlays—Getting Them Right the First Time <i>Matthew Sherman, Mauro Scali</i>	<b>TH31 NEW!</b> Protect Yourself from Poor Slab Designs—Understand Basics of Good Slab Design & Recognize Poor Designs <i>Jerry Holland</i>	
<b>MASONRY</b>	<b>MO32</b> Troubleshooting Masonry Part I: Cracks and Movement <i>Michael Schuller</i>	<b>MO33</b> Troubleshooting Masonry Part II: Leaky Walls <i>Michael Schuller, Rashod Johnson</i>	<b>TU34 NEW!</b> Proven Programs for Successful Jobsite Scheduling <i>Mackie Bounds, Kent Bounds</i>	<b>WE35 NEW!</b> Building Reinforced Masonry: The Basics <i>Michael Schuller</i>  See optional <b>HANDS-ON TRAINING</b> events. WEMDM1 Wed, 12-2pm; WEMDM2 Wed, 3-5pm	<b>TH36 NEW!</b> Understanding Masonry Codes & Standards <i>Rashod Johnson</i>	<b>FR37 NEW!</b> Masonry Repair: Methods and Materials <i>Donald Harvey</i>
<b>RESIDENTIAL</b>	<b>MO38</b> Waterproofing Product Types and Systems <i>Brent Anderson</i>		<b>TU39 NEW!</b> Interior Methods of Water Control <i>Brent Anderson</i>		<b>TH40 NEW!</b> Insulating Concrete Forms: How to Build High-Performance Energy Star® Homes <i>Donn Thompson</i>	
<b>BUSINESS &amp; PROJECT MANAGEMENT</b>	<b>MO41</b> Estimating Part I: Strategies to Determine Labor, Equipment and Profit <i>Charles Vander Kooi</i>	<b>MO42</b> Estimating Part II: Job Costing, Accounting and Overhead <i>Charles Vander Kooi</i>	<b>TU43 NEW!</b> Eight Ways to Increase Job Profits and Prosper in Construction <i>James Adrian</i>  <b>TU44</b> Managing and Motivating Your People by Personality <i>Jeff Stokes</i>	<b>WE45 NEW!</b> Coming Back from the Brink: Moving Your Business Beyond Survival Mode <i>Leslie Shiner</i>  <b>WE46</b> Construction Field & Project Management Systems That Work! <i>George Hedley</i>	<b>TH47 NEW!</b> Five Secrets of Effective Teamwork for Construction Companies <i>Brad Humphrey</i>  <b>TH48 NEW!</b> Nine Numbers Every Contractor Needs to Know to Make a Profit <i>George Hedley</i>	<b>FR49 NEW!</b> How to Measure Your Performance and Productivity <i>Brad Humphrey</i>

## WOC CERTIFICATIONS & EXAMS

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	MONDAY January 23		TUESDAY January 24	WEDNESDAY January 25	THURSDAY January 26	FRIDAY January 27	
	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	
<b>CERTIFICATIONS &amp; EXAMS</b>	<b>MO50</b> CFA Certified Foundation Contractor Certification Training <i>Ed Sauter, Jim Baty</i>  • <b>TUCFA</b> Foundation Written Exam - Tuesday, 3:30pm – 5:30pm	<b>MO51</b> ACI Specialty Commercial/Industrial Concrete Flatwork Training <i>Jerry Holland, Bob Simonelli</i>  • <b>TUFPE</b> Comm/Ind Performance Exam - Tuesday, 7:00am – 1:00pm  • <b>TUCIF</b> Comm/Ind Written Exam - Tuesday, 3:30pm – 5:30pm	<b>TU53</b> ACPA Concrete Pump Operator Safety Training <i>Les Ainsworth</i>  • ACPA Written Exam - Tuesday, 1:00pm – 3:00pm	<b>WE55</b> ICRI Slab Moisture Testing Technician Educational Review <i>Peter Craig, Scott Tarr</i>  • WECRT Moisture Testing Written Exam - Wednesday, 12:30pm - 1:30pm  • THRPE Moisture Testing Performance Exam (1-hour time slots) - Thursday, 12:00pm - 5:00pm	<b>TH57 (afternoon 1-4pm)</b> TCA/ACI Tilt-Up Technician/Supervisor Training Shawn Hickey  • <b>THTUS</b> Tilt-Up Written Exam - Thursday, 4:00pm – 6:00pm		
<b>C/E</b>		<b>MO52</b> Contractor's Introduction to Placing Pervious Concrete Pavements <i>Matt Offenber</i>  • Pervious Concrete Field Project for Installer Certification (2-hour time slots) - Tuesday - Thursday, 10:30am - 4:30pm - Friday, 10:30am - 12:30pm	<b>TU54 NEW! (afternoon 1-4pm)</b> ACI Concrete Field Testing Technician Grade I Review <i>Mitch Englestead</i>  • <b>WTHFTE</b> Field Testing Written Exam - Wednesday, 3:30pm - 5:30pm  • <b>WTHFTE (1-4)</b> Field Testing Performance Exam (2-hour time slots) - Thursday, 9:00am - 5:00pm	<b>WE56</b> ACI Concrete Flatwork Finisher/Technician Training <i>Jerry Holland, Bob Simonelli</i>  • <b>THCFE</b> Flatwork Written Exam - Thursday, 1:00pm – 3:00pm			

# WORLD OF CONCRETE 2012 EDUCATION PROGRAM *Schedule-at-a-Glance*

## WOC 90-MINUTE SEMINARS

	MONDAY January 23				TUESDAY January 24		WEDNESDAY January 25		THURSDAY January 26		FRIDAY January 27
	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
<b>FINANCE &amp; MONEY MATTERS</b> 				<b>MO100 NEW!</b> Introduction to the Power of Job Costing to Create a Competitive Advantage <i>Jeff Stokes</i>		<b>TU101 NEW!</b> A Simple Guide to Running Your Business by the Numbers <i>Leslie Shiner</i>	<b>WE102 NEW!</b> How to Eliminate the Ten Most Common Reasons for Project Cost Overruns <i>James Adrian</i>	<b>WE103 NEW!</b> Win More Customers and Contracts: Strategies to Overcome the Low Bidding Process <i>George Hedley</i>	<b>TH104 NEW!</b> Managing the Change Order Process: Get Paid What You Deserve <i>C.J. Schoenwetter, Dan Smith</i>	<b>TH105 NEW!</b> Financial Statements—Don't Let Their Complexity Scare You <i>Bart Basi</i>	
<b>GENERAL BUSINESS</b> 					<b>TU106 NEW!</b> Social Media—How to Customize Your Internet Marketing Strategy <i>Leslie Shiner</i>	<b>TU107</b> Killer Marketing for Contractors <i>Jeff Stokes</i>		<b>WE108</b> Engineering 101 for Contractors Part I: Reinforced Concrete Design Basics <i>Jay Thomas</i>		<b>TH109</b> Engineering 101 for Contractors Part II: Reinforced Concrete Design Basics - cont'd. <i>Jay Thomas</i>	<b>FR110 NEW!</b> Why and How BIM (Building Information Modeling) Can Double Your Clients and Profits <i>Mike Whaley</i>
<b>GREEN BUILDING</b> 	<b>MO111 NEW!</b> Dealing with the Challenges of Green Concrete <i>Ward Malisch</i>					<b>TU112</b> Green Building and Sustainable Design: Impacts and Challenges <i>Rich Szecsy</i>		<b>WE113 NEW!</b> Tips from the Field: Commercial Construction Techniques with Insulating Concrete Forms <i>Donn Thompson</i>		<b>TH114 NEW!</b> Quantifiably Sustainable—Moving Beyond LEED <i>Kevin MacDonald</i>	<b>FR115</b> Sustainable Concrete & You: How to Survive and Thrive in the Green Concrete Revolution <i>Kevin MacDonald</i>
<b>LEADERSHIP &amp; MANAGEMENT</b> 		<b>MO116 NEW!</b> Coaching Up: Building a Team that Works Without You <i>Bryan Dodge</i>	<b>MO117</b> Time Management & Goal Setting <i>Bryan Dodge</i>			<b>TU118</b> Practical Planning and Scheduling of Small and Medium-Sized Projects <i>James Adrian</i>		<b>WE119 NEW!</b> Developing the Leadership Pipeline <i>Ron Magnus</i>	<b>TH120</b> 12 Contract Clauses to Watch Out for When Negotiating Construction Contracts <i>Jason Spencer</i>	<b>TH121</b> Motivating Today's Construction Worker <i>Brad Humphrey</i>	
<b>SAFETY &amp; RISK MANAGEMENT</b> 						<b>TU122</b> Excavation Safety: Tools and Mechanics of Failure <i>Mike Hayslip</i>		<b>WE123 NEW!</b> The Basics of Rigging and Signaling <i>Sam Hatcher</i>	<b>TH124 NEW!</b> The ABC's of Fall Protection <i>Matt Murphy</i>	<b>TH125 NEW!</b> Mast Climbing Work Platforms—Reaching Higher for Productivity and Safety <i>Clint Bridges, Kevin O'Shea</i>	<b>FR126</b> Managing Construction Risk Through Project Pre-Operations Planning <i>Peter Furst</i>
	<b>MOOSHA Monday and Tuesday, 7:30am - 1:30pm</b> <b>OSHA 10-Hr Concrete/Masonry Construction Safety Program (English only)</b> <i>Presented by Dave Smith, OSHA Trainer</i>										
<b>TECHNICAL UPDATES</b> 	<b>MO127 NEW!</b> How to Finish Exterior Slabs <i>Kim Basham</i>	<b>MO128</b> Self-Consolidating Concrete: The Real Story <i>Rich Szecsy</i>	<b>MO129 NEW!</b> Avoiding Specification Traps for Contractors <i>Ward Malisch</i>	<b>MO130 NEW!</b> Meeting 3rd World Concrete Mix Challenges: Typical Problems and How to Overcome Them <i>Jerry Holland</i>	<b>TU131 NEW!</b> (Pavements II) How to Manage and Maintain Concrete Pavements <i>Michael Ayers</i>	<b>TU132 NEW!</b> Steel Reinforcing in Concrete—Best Practices <i>Steven Hawkins</i>	<b>WE133 NEW!</b> The Diversity of Shotcrete as a Method of Concrete Placement <i>Marc Jolin, Scott Rand</i>	<b>WE134 NEW!</b> Troubleshooting During and After Placement <i>Terry Holland</i>	<b>TH135 NEW!</b> Foundation Design for Light-Frame Structures <i>Brent Anderson</i>		<b>FR136 NEW!</b> Utilizing Concrete Structure GPR (Ground Penetrating Radar) Data to Avoid Problems <i>Rick Norland</i>
<b>CONCRETE 101</b> 	<b>MO137 NEW!</b> Introduction to Concrete Part I: Concrete Materials and Technology <i>Terry Holland</i>	<b>MO138 NEW!</b> Introduction to Concrete Part II: Placing, Finishing and Curing <i>Jeff Groom</i>	<b>MO139 NEW!</b> (Pavements I) Best Practices for Producing Concrete Pavements <i>Michael Ayers</i>	<b>MO140 NEW!</b> Basics of Steel Placement in Vertical Foundation Elements <i>Brent Anderson</i>	<b>TU141 NEW!</b> Concrete Placement & Consolidation Qualification Preparatory Seminar <i>Kim Basham</i> <i>See TUCPE exams below</i>	<b>TU142 NEW!</b> Production Basics: How to Produce Consistent and Finishable Concrete <i>Calvin McCall</i>	<b>WE143 NEW!</b> How To Read a Soils Report <i>Brent Anderson, Bill Kwasny</i>	<b>WE144 NEW!</b> Quality Masonry Construction: Best Practices and Quality Assurance <i>Andy Dalrymple</i>		<b>TH145 NEW!</b> Understanding Volumetric Mixing <i>Jerry Stoner, Don Cassidy</i>	








## WOC DEMONSTRATIONS & HANDS-ON TRAINING

		<p>(Pavements III) Concrete Pavement Evaluation &amp; Repairs WORKSHOP - <b>TUPWK</b> Tuesday, 1 pm - 3 pm</p> <p>EXAMS: Concrete Placement &amp; Consolidation Written/Performance Qualification - <b>TUCPE1</b>: Tuesday, 1 pm - 3:30 pm - <b>TUCPE2</b>: Tuesday, 2:30 pm - 5 pm <b>NOTE: Attendance at TU141 required.</b></p> <p>HANDS-ON TRAINING: Surveying - Total Stations: <b>TUSDT</b> Tuesday, 8 am - 11 am; <b>WESDT</b> Wednesday, 1 pm - 4 pm - Levels: <b>TUSDL</b> Tuesday, 1 pm - 4 pm; <b>WESDL</b> Wednesday, 8 am - 11 am <b>NOTE: Attendance at MO01 and/or MO02 required.</b></p> <p>HANDS-ON TRAINING: How to Place &amp; Finish Floors - Tuesday: <b>TUPTD</b>, 1 pm - 5 pm - Wednesday: <b>WEPTD1</b>, 8 am - 12 pm; <b>WEPTD2</b>, 1 pm - 5 pm</p>
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# WORLD OF CONCRETE 2012

These educational/training courses are presented by WOC Education Partnering Associations.  
Please contact individual associations with any questions regarding certification requirements and continuing education approvals.  
NOTE: These courses do not apply towards the WOC MASTER CERTIFICATE.

## ADDITIONAL INDUSTRY TRAINING COURSES

	SUNDAY January 22	MONDAY January 23	TUESDAY January 24	WEDNESDAY January 25	THURSDAY January 26	FRIDAY January 27	
      	<p><b>FDSM</b> MCAA Masonry Foreman Development Course Mason Contractors Association of America Sunday - Monday, 8:00 am - 4:00 pm</p>	<p><b>CSDATTH</b> CSDA Hand Sawing and Drilling 101 Concrete Sawing and Drilling Association Tuesday 8:00 am - 5:00 pm   Wednesday - Thursday, 7:00 am - 4:00 pm</p>					
	<p><b>MQISM</b> MCAA Masonry Quality Institute Mason Contractors Association of America Sunday - Monday, 8:00 am - 4:00 pm</p>	<p><b>CSDATW</b> CSDA Estimating Course Concrete Sawing and Drilling Association Tuesday - Wednesday, 8:00 am - 5:00 pm</p>					
		<p><b>MOSIMC</b> TMS Special Inspection of Structural Masonry Construction The Masonry Society Monday, 8:00 am - 5:00 pm</p>		<p><b>WBPWE</b> MCAA Wall Bracing Program Mason Contractors Association of America Wednesday, 9:00 am - 12:00 pm</p>			
		<p><b>NFSI</b> NFSI/CPAA Floor Slippage Safety Training Course National Floor Safety Institute / Concrete Polishing Association of America Tuesday - Wednesday - Thursday, 1:30 pm - 2:30 pm</p>					
			<p><b>CPAATU</b> Specifying Bonded Abrasive Polished Concrete Floors Concrete Polishing Association of America Tuesday, 9:00 am - 11:00 am</p>	<p><b>CPAAWE</b> CPAA Tradesman Certification Level I Concrete Polishing Association of America Wednesday, 8:00 am - 12:00 pm</p>			
		<p><b>PCICFA</b> PCI Certified Field Auditor Training &amp; Industry Erection Standards Course Precast/Prestressed Concrete Institute Monday - Tuesday, 8:00 am - 5:00 pm • Wednesday, 8:00 am - 4:00 pm</p>					
			<p><b>PCIES</b> PCI Industry Erection Standards Course Precast/Prestressed Concrete Institute Tuesday, 8:00 am - 5:00 pm • Wednesday, 8:00 am - 4:00 pm</p>				
		<p>PCI Quality Control Technician/Inspector Levels I &amp; II Precast/Prestressed Concrete Institute <b>PCI</b> Monday, 8:00 am - 5:00 pm • Level I Exam Tuesday, 8:00 am - 9:00 am <b>PCI2</b> Tuesday, 9:00 am - 5:00 pm • Level II Exam Wednesday, 7:00 am - 11:00 am <b>PCI3</b> Monday - Tuesday, 8:00 am - 5:00 pm • Level I Exam Tuesday, 8:00 am - 9:00 am • Level II Exam Wednesday, 7:00 am - 11:00 am</p>					
		<p><b>SIAMO</b> SIA Competent Person Training – Frame Scaffold Scaffold &amp; Access Industry Association Monday, 7:30 am - 4:30 pm</p>	<p><b>SIATU</b> SIA Competent Person Training – Suspended Scaffold Scaffold &amp; Access Industry Association Tuesday, 7:30 am - 4:30 pm</p>	<p><b>SIawe - presented in Spanish</b> SIA Persona Competente – andamio del marco Scaffold &amp; Access Industry Association Miércoles, 7:30 am - 4:30 pm</p>	<p><b>SIATH - presented in Spanish</b> SIA Formación Persona Competente - andamios suspendidos Scaffold &amp; Access Industry Association Jueves, 7:30 am - 4:30 pm</p>		

NOTE: See detailed descriptions at [www.worldofconcrete.com](http://www.worldofconcrete.com); click on ATTENDEE page and Education tab.  
Open "Certifications & Exams" link in far left column of Education Program Overview webpage.