WORLD OF CONCRETE 2020 EDUCATION Program-at-a-Glance

WOC 3-HOUR SEMINARS									
3-Hour Tracks	MONDAY, F	February 3	TUESDAY, February 4	WEDNESDAY, February 5	THURSDAY, February 6	FRIDAY, February 7			
	8 – 11 a.m.	1 – 4 p.m.	8 – 11 a.m.	8 – 11 a.m.	8 – 11 a.m.	8 – 11 a.m.			
CONCRETE FUNDAMENTALS	Mixtures & Fresh Properties	Concrete Basics II: Ordering, Producing,	NEW! TUO3 RM N111 Concrete Basics III: Troubleshooting Typical Problems, Tips & Marketplace Trends J. Groom, R. Szecsy	WE04 RM N259 Design and Control of Concrete Mixtures: Applications, Methods & Materials M. Wilson	NEW! TH05 RM N238 Practical Concrete Specifications for Contractors, Suppliers & Design Professionals T. Ley				
CONCRETE POLISHING	Concrete Slabs	NEW! M007 RM N238 Retail & Industrial Slabs: Polishing Processes, Productivity & Profit B. Harris		WE08 RM N258 Polished Concrete Overlays: Creating a Successful Installation J. Zingale	NEW! TH09 RM N235 From Bid to Contract: Preparing for Successful Concrete Polishing B. Bencker				
CONCRETE PRODUCTION	M010 RM N232 Effective Use of Chemical Admixtures C. Nmai		TU11 RM N255 What is Wrong With My Concrete? Troubleshooting Concrete Quality T. Ley	WE12 RM N256 Mix Design I: Evaluation of Mixtures K. Hover See Hands-On Mix Design Labs	TH13 RM N259 Mix Design II: Adjusting with Aggregates and Admixtures K. Hover				
CONCRETE REPAIR	Troubleshooting Concrete Cracks:	Repair I: Surface Prep, Reinf. Repair, Mat'l Selection & Placement	TU16 RM N259 Repair II: Waterproofing, General Protection & Corrosion Prevention P. Emmons, E. Alhariri	WE17 RM N109 Advanced Repair: Structural Distress, Assessment & Strengthening Solutions J. Thomas		FR18 RM N238 Repairing Concrete Cracks: Evaluation and Selection of Repair Methods K. Basham			
BUSINESS & PROJECT MANAGEMENT	Systems that Work	NEW! M020 RM N259 Effective Communication Skills to Increase Your Personal Influence R. Anderson		WE21 RM N111 How to Turn Inefficiency into Profitability B. Humphrey	NEW! TH22 RM N109 Improving Scheduling Practices: Understand Impacts of Jobsite Productivity K. Wolfe, R. Geans	FR23 RM N235 How to Establish Teamwork on Every Crew & Job <i>J. Stokes</i>			
WOC 4-HOUR CERTIFICATION SEMINARS & EXAMS									











equipment and

materials used

for hands-on training.

MONDAY, February 3 M0401 RM N223 M0403 ACI Post-Installed Concrete Anchor Installation Inspector Mon. 8 a.m. - 12 p.m.

TUPCW Pervious Installer Written Exam

W Hellmer TUAIW Inspector Written Exam

Tues, $8 - \dot{1}1:30$ a.m.

Pervious Concrete Installer

Mon, 8 a.m. - 12 p.m.

Tues, 3-5 p.m.

M0402

A. Sparkman

RM N219

ACI Advanced/Specialty Comm/Indus Concrete Flatwork Finisher/Technician Mon. 1 - 5 p.m. J. Holland, B. Simonelli

 TUFPE Comm/Ind Performance Exam Tues, 7 a.m. - 1 p.m. Bronze Lot, **Certifications & Training Area**

TUCIF Comm/Ind Written Exam Tues, 3:30 - 5:30 p.m.

RM N223

RM N253 NEW! M0404

RM N221

ACI Decorative Concrete Flatwork Finisher & Associate Mon. 1-5 p.m. C. Sullivan

. TUDCW Decorative Concrete Written Exam Tues. 1 - 3 p.m.. **RM N111**

TUESDAY, February 4

RM N253 TU405 RM N223 WE407 ACPA Concrete Pump Operator Safety Tues, 8 a.m. - 12 p.m.

TUCPF Written Exam

Tues. 1-3 p.m. TU406 RM N253 ACI Concrete Field Testing Technician

Grade I Tues, 1-5 p.m. M. Englestead WEFTW Field Testing Written Exam

RM N253 Wed, 3:30 - 5 p.m. THFTP 2-Hr Field Testing Perf Exam**

Thurs. 8 a.m. - 12 p.m. Bronze Lot. **Certifications & Training Area** *Practice Session - optional

Wed, 8 a.m. - 12 p.m.

P. Craig, S. Tarr RM N223 • WECRT Moisture Testing Written Exam Wed, 2-3 p.m. **RM N223**

ICRI Concrete Slab Moisture Testing

Technician

Wed. 8 a.m. - 12 p.m.

 WERCE Recertification Written Exam** Wed. 2-3 p.m. **RM N223** THRPE Moisture Testing 1-Hr Perf Exam** Thurs, 12 – 5 p.m. Back of South Hall,

WEDNESDAY, February 5

Aisle \$13900 **ICRI Examinees MUST be preapproved **RM N232**

WE408 ACI Flatwork Associate & Advanced Finisher Wed, 8 a.m. - 12 p.m. J. Holland, B. Simonelli

THCFF Flatwork Written Exam Thurs, 1-3 p.m. RM N111

THURSDAY, February 6

RM N223 TH409 ACI/CFA Residential Foundation Technician Thurs, 8 a.m. - 12 p.m.

> THCFA Foundation Written Exam Thurs. 1 - 3:30 p.m.RM N235

TH410 RM 241 ACI/TCA Tilt-Up Technician/Supervisor Thurs, 12 - 4 p.m. S. Hickey

THTUS Tilt-Up Written Exam Thurs, 4-6 p.m. **RM N235**

THURSDAY, February 6

All Surveying sessions are

Bronze Lot, Training Area

INDUSTRY CERTIFICATIONS

for the construction professional

Opportunities for craftsmen. technicians. supervisors and inspectors to receive <u>internationally</u> recognized credentials.

See additional certifications under **INDUSTRY TRAINING** below.

WOC HANDS-ON TRAINING

SPECIAL









CHAPIN.













TUESDAY, February 4

WEDNESDAY, February 5 Surveying with Total Stations . T. Houston, P. Urbano

• TUSTS1 Tues, 8 a.m. – 12 p.m. SOLD OUT • WESTS1 Wed, 8 a.m. – 12 p.m. SOLD OUT

TUSTS2 Tues, 1 - 5 p.m. SOLD OUT

- Basics of Surveying for Beginners WESTS2 Wed, 1 – 5 p.m. SOLD OUT
- Basics of Surveying for Beginners
- Stamped Concrete P. Schneider TUSC1 Tues. 1 – 5 p.m. SOLD OUT
- WESC1 Wed, 8 a.m. 12 p.m. SOLD OUT Place & Finish Floors • J. Groom. C. White. S. Llovd Bronze Lot. Training Area

- Basics of Surveying for Beginners

Advanced Surveying

- THSC1 Thurs, 8 a.m. 12 p.m. SOLD OUT
 - THPTD1 Thurs, 8 a.m. 12 p.m. SOLD 001 • THPTD2 Thurs, 1 – 5 p.m. SOLD OUT

SOLD OUT!



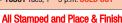




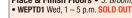


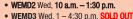






sessions are SOLD OUT!





Central Hall, Door C5

Mix Design & Testing Labs . J. Schemmel, T. Greene TUMD1 Tues, 8 – 11:30 a.m. SOLD OUT

 TUMD2 Tues, 10 a.m. – 1:30 p.m. SOLD OUT TUMD3 Tues, 1 — 4:30 p.m. SOLD OUT

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WOC 90-MINUTE SEMINARS											
90-Minute Tracks		MONDAY, F	ebruary 3		TUESDAY,	February 4	WEDNESDAY	/, February 5	THURSDAY,	February 6	FRIDAY, February 7
	8:30 – 10 a.m.	10:30 a.m. – 12 p.m.	1:30 – 3 p.m.	3:30 – 5 p.m.	8:30 – 10 a.m.	1:30 – 3 p.m.	8:30 – 10 a.m.	1:30 – 3 p.m.	8:30 – 10 a.m.	1:30 – 3 p.m.	8:30 – 10 a.m.
BUSINESS	M0101 RM N258 The 25 Hour Day: Time Management & Time Budgeting Strategies R. Anderson	NEW! M0102 RM N258 Building Trust to Build Your Team R. Anderson		M0103 RM N258 How to Develop & Multiply Effective Leaders G. Hedley	TU104 RM N109 Foremen Who Influence the General Contractor, Superintendent & Project Manager B. Humphrey	TU105 RM N255 Find, Hire, Train and Retain Self-Motivated Workers B. Humphrey				TH106 RM N256 Small Company Survival Skills to Reach the Next Level of Success J. Stokes	
FINANCIAL MANAGEMENT & PROFITABILITY			NEW! M0107 RM N258 Job Costing and Overhead Recovery Costs R. Geans, T. Ruttura					NEW! WE108 RM N255 Steps to Successful Change Order: Tips & Techniques to Get Paid R. Geans, T. Ruttura		NEW! TH109 RM N258 Crash Course in Financial Management for Construction Owners & Managers L. Shiner	FR110 RM N232 Growing Your Business Without Growing Out of Business: Steps & Margins L. Shiner
GENERAL BUSINESS	Jobsite: Connecting the OLIESTIONS about					NEW! TU112 RM N259 Managing Multigen Workforce from Millennials to Baby Boomers K. Wolfe	NEW! WE113 RM N238 Overcoming the Challenges of a Family Construction Business T. Scharich	NEW! WE114 RM N256 LEAN Construction Concepts, Benefits & Applications K. Wolfe, C. Plue		Certificat	e of Completion WoosLo or Concrete Concrete The Mackinstr
ADVANCED TECHNICAL for experienced personnel & upper management		Email Education Staff: seminars@worldofconcrete.com Go to worldofconcrete.com Click on Education Tab to view session descriptions and details		NEW! M0115 RM N235 Shotcrete Technology for Diverse & Cost-Saving Projects F. Townsend, M. von der Hofen	NEW! TU116 RM N232 What to Do When Your Concrete Stops Working T. Cost	NEW! TU117 RM N238 Slab Repair Techniques for Parking Lots, Roadways and Airfields M. Ayers			TH118 RM N232 Post-Tensioning: Concepts, Repairs, Modifications & Eval of Existing Structures J. Thomas	Mit Tenjan II. Alipanina wili Aurrapete and Alaminten Floren State (Alaminten) Floren State (Al	
CONCRETE 101 for entry-level personnel or those with less than 3 years experience				NEW! M0119 RM N232 Addressing Hardened Concrete Problems After Concrete Construction M. Wilson		TU120 RM N256 Introduction to Placing and Finishing Concrete Slabs: Best Practices C. White, J. Groom, S. Lloyd	NEW! WE121 RM N255 Curing Concrete: Why We Do It and Why We Care T. Ley		TH122 RM N111 Hot Weather: Dealing with Concrete in Hot, Dry & Windy Conditions K. Basham	TH123 RM N259 Cold Weather: Managing Concrete in Winter Conditions K. Basham	Course certificates are available to download
CONCRETE FLOORS & SLABS		NEW! M0124 RM N238 Becoming Sealer Savvy: Long-Term Concrete Floor Protection & Maintenance J. Crisman			NEW! TU125 RM N256 Moisture in Concrete Floor Slabs: Benefits & Challenges P. Craig, S. Tarr			NEW! WE126 RM N259 Slump Loss, Setting & Shrinkage: Concrete Won't Wait! K. Hover	TH127 RM N255 Industrial & High-End Floors: Leading-Edge Finishing Techniques B. Birdwell, B. Simonelli	NEW! TH128 RM N255 Crash Course in Floor Flatness & Levelness: What You Need to Know B. Birdwell	seven to eight weeks after the show — for all WOC sessions approved for continuing
DECORATIVE CONCRETE (See Decorative Workshops section)		total hours	NEW! M0129 RM N232 GFRC Concrete Countertops: Step by Step Process J. Girard		NEW! TU130 RM N238 Stamped Concrete: Advanced Techniques and Cutting-Edge Products T. Scharich	NEW! TU131 RM N241 Troubleshooting Acid Staining Problems: What to Do When Things Go Wrong F. Jasso		WE132 RM N238 Architectural Concrete Finishes: Color & Controlled Aggregate Exposure R. Cofoid		NEW! TH133 RM N238 Troubleshooting Common Issues with Decorative Apps & Finishes C. Sullivan	education. (excludes industry training courses)
ENGINEERING	CERTIFICATE.		STEVEN A Macra Co Cuncrate Cognitus	HOTHICATE		TU134 RM N232 Performance-Based Design & Specification of Fiber-Reinforced Concrete C. Nmai, M. Rached	NEW! WE135 RM N235 Concrete Compressive Strength Failures J. Borgerson, J. Groom	NEW! WE136 RM N258 Reinforced Concrete: Suspended & Slabs- on-Ground + Practical Applications J. Holland, T. Ley	NEW! TH137 RM N258 ACI 563 Concrete Repair Specifications: What Contractors & Engineers Need to Know T. Marcotte, J. Lund		FR138 RM N241 Design & Construction of Slabs-on-Ground + Slabs on Metal Deck J. Holland, B. Birdwell
MASONRY	& 90-Min [SPR] Residentia	B] WOC 3-Hr seminars al – 3-Hr/90-Min	ACKAGES* NOC 3-Hr eminars - 3-Hr/90-Min		TU139 RM N235 Mortar & Grout Best Practices: Materials, Process & Inspections J. Chrysler	NEW! TU140 RM N235 Historical Masonry Repair & Restoration Techniques J. Speweik	WE141 RM N241 Troubleshooting Masonry: Cracks, Moisture & Efflorescence M. Schuller			NEW! TH142 RM N253 Fundamentals of Masonry Cleaning: Methods & Materials E. Nagel	
SAFETY & RISK MANAGEMENT			NEW! M0143 RM N235 Creating a Safety Excellence Culture: 14 Elements of Safety Leadership D. Crouch	MOCFT Forklift, MOAW Sec AMHWE P	VP Aerial Work Platform, T e Safety INDUSTRY re-Lift Inspections; CATT a & Emerging Respiratory	timer INTERACTIVE IMPT Fall Protection, Tell TRAINING COURS I Psychology of Safety Ma Hazards; STITU Silica Tra perator Evaluator	SS Rigging & Signaling ES: nagement;	NEW! WE144 RM N232 Fall Protection: Means and Methods for Preventing Falls M. Hayslip	NEW! TH145 RM N241 Silica Safety Standards: What You Need to Know to be Fully Compliant M. Hayslip	TH146 RM N232 Safety and OSHA Violations: The Good, The Bad & The Ugly M. Murphy	

WOC INTERACTIVE WORKSHOPS & LIVE DEMONSTRATIONS

SPECIAL APPRECIATION to technical workshop contributing education partners.

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TUESDAY, February 4
NEW! TUCEW Estimating Strategies RM N241 & Risk Management Tues, 8 a.m. – 12 p.m. • R. Geans, T. Ruttura
TUDOD Decorative Overlays Workshop & Live Demo Bronze Lot, Certifications & Training Area Tues, 1 – 5 p.m. • C. Sullivan, K. Duhon, B. Farnsworth
TUFPT Train-the-Trainer: Fall Protection End User RM N225 Tues, 8 a.m. – 12 p.m. • R. Overton
TURSS Train-the-Trainer: RM N225 Rigging & Signaling for Cranes Tues, 1 – 5 p.m. • R. Overton

Read online descriptions

carefully and contact the

organization presenting the

session if you have any

questions regarding content,

agenda and/or eligibility for INDUSTRY TRAINING events.

WECCD Concrete Countertops Workshop & Live Demo Central Hall, Door C5 Ved, 12:30 – 4:30 p.m. • <i>J. Girard</i>
WEVCD Vertical Concrete Workshop & Live Demo Bronze Lot, Certifications & Training Area Ned, 1 – 5 p.m. • C. Sullivan, W. Ness, B. Famsworth

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WEDNESDAY, February 5

NEW! THLSW Laser Scanning Workshop & Live Demo RM N101 Thurs, 8 a.m. - 12 p.m. • W. Paul, K. Stein **THASD Acid Staining Workshop & Live Demo Bronze Lot, Certifications & Training Area**

Thurs, 1 – 5 p.m. • F. Jasso, M. Zambrano

THURSDAY, February 6



ICP





		INDUSTRY TRAIN	ING						
Courses, breakfasts, luncheons & tours presented by industry associations, exhibitors and media. Contact organizations with questions.									
SUNDAY, February 2	MONDAY, February 3	TUESDAY, February 4	WEDNESDAY, February 5	THURSDAY, February 6					
The Society for Protective Coatings SSPC1 Concrete Coating Inspector Level 1, Sun-Wed, 8 a.m. – 5 p.m. • SSPC2 Concrete Coating Inspector Level 2, Sun – Wed, 8 a.m. – 5 p.m.; Thurs (Exam), 8 a.m. – 12 p.m. • RM N204									
HOOVER DAM & BYPASS BRIDGE	American Concrete Pavement Assoc ACPAMO Smooth Concrete Pavements Mon, 1 – 4:30 p.m. • RM N219	American Shotcrete Assoc ASATU Shotcrete Nozzleman Education Tues, 8 a.m. – 4 p.m. • RM S224	All Material Handling AMHWE Pre-Lift Inspections Wed, 9 – 11 a.m. • RM N220	American Concrete Pavement Assoc ACPATH Repair/Preserve Concrete Pavements Thurs, 9 a.m. – 12 p.m. • RM N219	FORI NETW with a				
TOURS	Ameripolish AMPMO Composite Resin Abrasives Mon, 10:30 a.m. – 12 p.m. • RM N222	BASF Admixture Systems BASTU Extending Joint Spacing Tues, 10 a.m. – 12 p.m. • RM S230	American Concrete Pavement Assoc ACPAWE Joint Design, Construction & Sealing Wed, 9 a.m. – 12 p.m. • RM N219	Caterpillar Inc. CATTH Foundations of Communication Workshop Thurs, 8 a.m. – 12 p.m. • RM N220	topics in				
Sunday, Feb 2 HDS Tour 12 - 5 p.m. RM N109	Concrete Products Magazine CPMMO Advanced Concrete Plants Mon, 1:30 – 4:30 p.m. • RM N115	Caterpillar Inc. CATTU Psychology of Safety Management Tues, 9 a.m. – 12 p.m. • RM N221	American Shotcrete Assoc ASAWE Shotcrete Contractor Education Wed, 8 a.m. – 5 p.m. • RM S224	Concrete Sawing and Drilling Assoc CSDATH GPR Methods & Theory Thurs, 8 a.m. – 5 p.m. • RM N222	• conci				
	CSDAMT How to Prepar	d Drilling Association e Estimates that Win Jobs 5 p.m. • RM N220	Colegio de Ingenieros Civiles de León CICLWE Concreto Lanzado Problemas y Causas Wed, 9 a.m. – 1 p.m. • RM N230 and Drilling Assoc	CTS Cement Manufacturing CTSTH Extended Joint Floor Slabs Thurs, 10:30 a.m. – 12 p.m. • RM S225	• crane				
Friday, Feb 7 HDFP Hoover Dam History Presentation 10 – 11:30 a.m. RM N111		Euclid Chemical Co. ECCTH Enhanced Concrete Floors Thurs, 11 a.m. – 12:30 p.m. • RM S224	• 1						
	Euclid Chemical Co. ECCMO Self-Consolidating Concrete Mon, 2 – 4 p.m. • RM N228	CPWR – Center for Construction Research CPWRTU Silica & Emerging Respiratory Hazards Tues, 3:30 – 5 p.m. • RM N230	Five Star Products FSPWE Grouting Seismic Isolators Wed, 10 – 11:30 a.m. • RM S225	International Concrete Repair Institute ICRITH Concrete Slab Moisture Workshop Thurs, 8 – 11 a.m. • Back of South Hall, Aisle \$13900	• is				
HDF Tour 12 – 5 p.m. RM N109		International Standards & Training Alliance INSTU Standards for Concrete Polishing Training Tues, 10 – 11:30 a.m. • RM N253	ICF Manufacturers Assoc ICFWE ICF Primer for Concrete Contractors Wed, 10:30 a.m. – 12 p.m. • RM N115	Kryton International KRYTH Real-Time Concrete Monitoring Thurs, 2 – 4 p.m. • RM S116	• m				
BREAKFAST WITH THE EXPERTS	Giatec Scientific GIAMO Testing Concrete Strength Mon, 2 – 3:30 p.m. • RM N230	Mason Contractors Assoc of America STTTU MCAA Silica Train-the-Trainer Tues, 9 a.m. – 3 p.m. • RM N210	Kryton International KRYWE Durability Enhancing Technologies Wed, 10 a.m. – 12 p.m. • RM S116	Mason Contractors Assoc of America WBPTH Masonry Wall Bracing Thurs, 9 a.m. – 12 p.m. • RM N215	• pav • pe				
RM N107		Post-Tensio PTITW PTI Certification Workshop Tues-Wed, 8 a.m. –	Mason Contractors Assoc of America STTRTH Silica Train-the-Trainer Renewal Thurs, 1 – 3:30 p.m. • RM N209	• post-					
BASF Construction Chemicals		Precast/Prestressed Concrete Institute CI Quality Control Technician/Inspector Certification Level Ion-Tues, 8 a.m. – 5 p.m. • Wed, 8 – 11 a.m. • RM S2			• r • s				
The Chemical Company		Scaffold & Access Industry Assoc SAIAFTU Frame Scaffold CPT Tues, 8 a.m. – 4:30 p.m. • RM N208	Overton Safety OSTWE Crane Operator Evaluator Wed, 1 – 4 p.m. • RM N220	Thermoset Resin Formulators Assoc TRFTH Epoxy 101: Chemistry & Applications Thurs, 9 – 10:30 a.m. • RM S229	• sh				
TUESDAY - THURSDAY 6:45 - 7:45 a.m.	Tennessee Concrete Assoc TCAMO Pervious Design, Installation & Maintenance Mon, 1 – 4 p.m. • RM N221	Scaffold & Access Industry Assoc SAIASTU Suspended System CPT Tues, 8 a.m. – 4:30 p.m. • RM N206	Scaffold & Access Industry Assoc SAIAWE System Scaffold CPT Wed, 8 a.m. – 4:30 p.m. • RM N208	World of Concrete WOCTH History of Cement & Concrete Thurs, 2 – 3:30 p.m. • RM N228	• slag				
TUBE1, WEBE1, THBE1	IMPORTANT NOTE:	Sika Corp. SSSTU Waterproofing Solutions	Slag Cement Assoc SCAWE Slag in Durable Concrete		• wate				

UCATION. **RUMS &** WORKING

a variety of including ---

- abrasives
- coatings
- crete plants
- ne operators
 - durability
 - ероху
 - floors
 - GPR
 - ICFs
- isolators
- int spacing
- masonry
- sture testing
- avements
- pervious
- polishina
- t-tensionina
 - precast
 - repair
 - safety
- caffolding
 - SCC
- shotcrete
- silica
- ag cement
- ting strength
- waterproofing

LUNCHEONS & FORUMS

TUCPL Concrete Polishing Luncheon Tues, 11:30 a.m. - 1:30 p.m. • RM S219

Tues. 1 - 3:30 p.m. • RM S229





WESOG Quality Concrete Slabs Luncheon Wed, 11:30 a.m. - 1:30 p.m. • RM S219

Wed, 10 - 11:30 a.m. • RM N221





Go to worldofconcrete.com Click on Education Tab to view **Session Descriptions & Details**



OVERTON





8:15 - 9:15 a.m. TUBE2, WEBE2, THBE2

SPECIAL SAVINGS

WITH A 3-DAY PASS

TWTBE1, TWTBE2





