

TUESDAY, NOVEMBER 2

SCHEDULE-AT-A-GLANCE

TECHNOLOGY	8:00 a.m. – 10:00 a.m.	10:30 a.m. – 12:30 p.m.	1:30 p.m. – 3:30 p.m.
CUTTING		Lasers 101 with Tech Tour (F20)	Comparative Cutting with Tech Tour (F30)
FINISHING NEW TRACK!	Introduction to Finishing (Painting) Processes (C10)	Selecting Coatings for Your Parts: An Overview of Today's Coating Technologies (C20)	Right-Sizing Your Finishing System (C30)
	Introduction to Plating & Environmental Regulations (C11)	Understanding the Basics of Electrocoat (C21)	The Future of Coatings Technology (C31)
	Manual Powder Coating Basics (C12)	The Ins and Outs of IR & IR Applications (C22)	Modern Pretreatment: The Basics (C32)
FORMING & FABRICATING	NEW Forming & Fabricating of Lightweight Metals (F10)	Safeguarding Your Equipment (F21)	Punch Press & Tooling Technology (F31)
			Estimating – Made to Order Manufacturing (F32)
GREEN/ENERGY INITIATIVES		NEW A Metal Fabricator's Journey into Environmental Management (F22)	Cost-cutting Scrap Handling Improvements (F33)
MANAGEMENT	NEW Introduction to True Kaizen (F11)	Lean 101 – Principles of Lean Manufacturing (F23)	Lean 202 – Advanced Value Stream Mapping (F34)
		NEW Continuous Improvement (F24)	NEW Kaizen Boot-Camp: Hands-on (F35)
	Driving Productivity Through Employee Engagement (F12)	NEW Developing the Next Generation Leader (F25)	NEW ISO Certification: Increase Profitability While Delivering Better Products and Services (F36)
	Is Your Company Leaving Money on the Table? R&D Tax Credit (F13)	NEW Automation Strategies to Streamline Your Job Shop Office (F26)	NEW Strategic IT Planning (F37)
STAMPING	Value Added Stamping Technologies I (S10)	Value Added Stamping Technologies II (S20)	Competitive Strategies (S30)
	Optimizing Die Design (S11)	Stamping Efficiently (S21)	
TUBE & PIPE	Today's Tooling Designs for Tube Mill Set-Up & Maintenance Programs (F14)	NEW Materials/Metallurgy (F27)	NEW Tube & Pipe Inspection (F38)
WELDING			
CONFERENCES	National Welding Education Conference (W20) • 9:15 a.m. – 4:30 p.m. What's New in Weld Consumables (W21) • 9:00 a.m. – 4:00 p.m.		
SEMINARS	Why and How of Welding Procedure Specifications (W25) • 9:00 a.m. – 4:30 p.m. Road Map Through the D1.1:2010 Structural Welding Code – Steel (W26) • 9:00 a.m. – 4:30 p.m. Visual Inspection Workshop Day 1 (W30) • 9:00 a.m. – 4:30 p.m.		
PROFESSIONAL PROGRAM	Session 1: International Trends in Welding Research (W32) • 8:00 a.m. – 10:15 a.m. Session 2: Friction Stir Welding (W32) • 2:00 p.m. – 5:00 p.m. Session 3: Weldability Issues (W32) • 2:00 p.m. – 5:30 p.m.		
SPECIAL PROGRAMS	AWS Awards Luncheon (W37) • 12:00 p.m. – 2:00 p.m. Thermal Spray Basics (W38) • 1:00 p.m. – 5:00 p.m.		

WEDNESDAY, NOVEMBER 3

SCHEDULE-AT-A-GLANCE

TECHNOLOGY	8:00 a.m. – 10:00 a.m.	10:30 a.m. – 12:30 p.m.	1:30 p.m. – 3:30 p.m.
CUTTING	Laser Cutting Technology (F40)	Waterjet Cutting Advancements (F50)	Plasma Plate & Structural Cutting (F60)
		NEW Laser Cutting Considerations for First-time Buyers (F51)	NEW New Laser Technology & Applications (F61)
FINISHING NEW TRACK!	Advancements in Liquid Coating Materials and Equipment (C40)	The Efficiencies of Electrocoating (C50)	Maximizing Your Electrocoat Throughput (C60)
	So You Want to Paint A Part: Working with a Custom Coater or Doing it In-House? (C41)	Understanding & Lowering Your Finishing Costs (C51)	Advancements in Pretreatment (C61)
	Finishing System Design for the 21st Century (C42)	Fast & Profitable Powder Coatings Systems (C52)	Emerging Technologies in Finishing (C62)
FORMING & FABRICATING	Press Brakes (F41)	Roll Forming Basics (F52)	Roll Forming Tooling/Advanced (F62)
	Getting Started with Robotics (F42)		Automated Joining for Fabricators (F63)
GREEN/ENERGY INITIATIVES	NEW Fabrication for the Solar Energy Industry (F43)	NEW Fabrication for the Wind Energy Industry (F53)	NEW Sustainability Tools for Manufacturers (F64)
MANAGEMENT	Lean 203 – 5S Workplace Organization and Standardization (F44)	Demand Pull in the Fabrication Job Shop (F54)	NEW Low Volume, High Variety Production – No Problem for Lean (F65)
	Top 10 Secrets of Lean Success for Managers (F45)		
	Seven Secrets of Manufacturer Marketing (F46)	NEW Search Engine Optimization: The Must-Have for Every Company Web Site (F55)	NEW Lean Above the Shop Floor (F66)
	NEW Financial Forecasting & Cash Flow Management (F47)	NEW Congrats You Survived: Strategies for Re-emerging (F56)	NEW Developing, Implementing, and Maintaining a Successful Safety Program (F67)
STAMPING	Tooling Technologies I (S40)	Tooling Technologies II (S50)	Optimizing Stamping Fluids (S60)
	Sensors for Error-Proof Metal Forming I (S41)	Sensors for Error-Proof Metal Forming II (S51)	
TUBE & PIPE	Tube & Pipe Fabrication Basics (F48)	NEW Lasers for Tube & Pipe Fabricating w/ Tech Tour (F57)	
WELDING			
CONFERENCES	Weld Repair and the Strengthening of Welded Structures (W22) • 9:00 a.m. – 4:00 p.m. Thermal Spray Technology: High-Performance Surfaces (W23) • 9:00 a.m. – 4:30 p.m.		
SEMINARS	Metallurgy Applied to Everyday Welding (W27) • 9:00 a.m. – 4:30 p.m. D1.1:2010 – Fabrication and Inspection (W28) • 9:00 a.m. – 4:30 p.m. Visual Inspection Workshop Day 2 (W30) • 9:00 a.m. – 4:30 p.m.		
RWMA SCHOOL	RWMA Resistance Welding School Day 1 (W31) • 7:45 a.m. – 5:30 p.m.		
PROFESSIONAL PROGRAM	Session 4: Laser & Hybrid Processes (W33) 8:00 a.m. – 12:00 p.m.		Session 6: Mechanical & Corrosion Properties (W33) 2:00 p.m. – 5:30 p.m.
	Session 5: Welding Metallurgy (W33) 8:00 a.m. – 12:00 p.m.		Session 7: FSW & Solid-State Processes (W33) 2:00 p.m. – 5:30 p.m.
	International Brazing & Soldering Symposium (W33) • 9:00 a.m. – 2:30 p.m.		
SPECIAL PROGRAMS	Education Program (W39) • 9:00 a.m. – 12:00 p.m. NEW Free Certified Welding Sales Representative – Sample Session (W40) • 9:00 a.m. – 12:00 p.m. NEW Free Certified Welding Supervisor – Sample Session (W41) • 1:00 p.m. – 4:00 p.m.		

THURSDAY, NOVEMBER 4

SCHEDULE-AT-A-GLANCE

TECHNOLOGY	8:00 a.m. – 10:00 a.m.	10:30 a.m. – 12:30 p.m.
CUTTING	NEW Use of Lasers in Renewable Energy Applications (F70)	
FINISHING <i>NEW TRACK!</i>	Racking & Stripping: Finishing Essentials (C70)	Curing Options: Beyond Conventional Curing (C80)
	Structured Troubleshooting: A Disciplined Approach to Finding & Resolving Paint Issues (C71)	Measurement, Testing & Safety: Critical Finishing Issues (C81)
	Process Control and Preventive Maintenance for Electrocoat Systems (C72)	Troubleshooting Your Electrocoat System (C82)
FORMING & FABRICATING	Coil Processing (F71)	NEW Environmentally Friendly Surface and Part Cleaning Options (F80)
GREEN/ENERGY INITIATIVES	NEW What Color is Compressed Air? Automation Makes it Green (F72)	
MANAGEMENT	Total Productive Maintenance for the Fabrication Job Shop (F73)	NEW Building Successful Work Teams (F81)
	NEW How Healthcare Reform Impacts Fabricators (F74)	Four Steps to Improving Sales and Productivity in a Recession (F82)
	NEW Increasing Revenue Through Collaborative Efforts (F75)	
STAMPING	Cost-effective Environmental Strategies (S70)	Selling to the Government (S80)
	Forming Simulation (S71)	
WELDING		
CONFERENCES	The Welding and Cutting of Pipe and Tubing (W24) • 9:00 a.m. – 4:00 p.m.	
RWMA SCHOOL	RWMA Resistance Welding School Day 2 (W31) • 8:00 a.m. – 3:45 p.m.	
PROFESSIONAL PROGRAM	Session 8: Arc Welding Applications (W34) • 8:00 a.m. – 12:00 p.m. Session 9: Applied Technology (W34) • 8:00 a.m. – 12:00 p.m. Session 10: Process Modeling (W34) • 2:00 p.m. – 6:00 p.m. Session 11: Sensing & Control (W34) • 2:00 p.m. – 6:00 p.m.	
SPECIAL PROGRAMS	Education Program (W39) • 9:00 a.m. – 12:00 p.m. NEW Free Certified Welding Inspector – Sample Session (W42) • 9:00 a.m. – 12:00 p.m. NEW Free Certified Radiographic Interpreter – Sample Session (W43) • 1:00 p.m. – 4:00 p.m.	

Questions regarding the educational programs at FABTECH can be directed to the following representatives:

WELDING
Contact AWS,
John Ospina
jospina@aws.org
800-443-9353

**FORMING & FABRICATING,
MANAGEMENT, TUBE & PIPE**
Contact FMA,
Megan Paja
meganp@fmanet.org
888-394-4362

STAMPING
Contact PMA,
Deanna Nwosu
dnwosu@pma.org
216-901-8800

**CUTTING, FORMING &
FABRICATING, LEAN**
Contact SME,
Kim Farrugia
kfarrugia@sme.org
800-733-4763

COATING, FINISHING
Contact CCAI,
Kelly LeCount
kelly@goyerimgt.com
859-356-1030