**Missouri Trade And**

**Technical Association**



 Monika Masuda

**Tuesday, July 27st**

* 10:00 a.m.
	+ **MTTA General Session/ Business Meeting/ Reception**
		- Sahara A & B
		- Attendance is Required (Door Prizes)

**Cluster Meetings**

**Architecture and Construction**

**Art, AV and Communication**

**Information Technology**

**Law, Public Safety, and Security**

**Manufacturing**

**Transportation, Distribution, and Logistics**

***Will take place at roundtables.***

* 1:00 p.m.
	+ **You Have a Great Program – But Who Knows About It?**
		- *Ever wonder what students or parents REALLY want to know about your program? This presentation covers research-based topics that attract motivated students to your program. By marketing the full potential of Career Technical Education Programs you can build a high quality program to help fulfill the skilled worker gap.*
		- **Brent Trankler*, Sikeston Career and Technology Center***
		- **Linda Stinson, STS Supervisor: DESE**
		- Sahara A & B
* 2:30 p.m.
	+ **Law, Public Safety, and Security**
	+ **Criminal Justice Instructors of Missouri
	(CJIM) Curriculum Development**
		- *Criminal Justice Instructors of Missouri Annual Conference – Focus for the year is on developing a common curriculum for the entire state.*
		- *All Criminal Justice Instructors invited to attend*
		- **Rodger Bowers**
		- Oasis Bora Bora

* 3:00 p.m.
	+ **Transportation, Distribution, and Logistics**
		- **MCRIA-Missouri Collision Repair Instructors Association Regular Business Meeting and Roundtable**
		- **Rodger Bowers**

Oasis Sahara B

* 3:00 p.m.
	+ **Transportation, Distribution, and Logistics**
		- **Automotive Instructors**
		- **Ed Frederick**

Oasis Sahara A

**Wednesday, July 28th**

**All Cluster Session**

* 9:00 a.m.
	+ **Why You Should Promote Your Industry Recognized Credentials and Stackable Credentials**
		- *IRC's and stackable credentials are key to recruiting potential quality students for your program. Learn what they are and why it is important for students to earn IRC's and stackable credentials in your program.*
		- **Brent Trankler*, Sikeston Career and Technology Center***
		- OTC IC 108 BC

**Architecture and Construction**

* 9:00 a.m.
	+ **Preparing 9th and 10th Grade Students for Careers in the Skilled Technical Sciences**
		- *Courses to help prepare students for entry into STS programs offered at the 11th and 12th-grade are rare. Based on the demand for skilled labor in the Manufacturing, Transportation & Logistics, and Architecture & Construction career clusters, the need for preparatory courses arose. UCM, with the help of current CTE instructors and administrators, developed two courses to help prepare 9th and 10th-grade students for future STS programs and a rewarding career.*
		- **Mike Pantleo,(UCM): Assistant Professor**
		- **Michelle Conrad UCM: Associate Professor**
		- OTC ICW 237

**Manufacturing**

* 9:00 a.m.
	+ **Welding with Tomorrow’s Technology Today**
		- *This presentation will go all day 9am to 4 pm.*
		- **Fronius**
		- OTC ITC 103/104

**Arts, AV and Communication**

* 9:00 a.m.
	+ **ACA Exam Objectives and Classroom Curriculum & How to offer the Exam**
		- *We will be discussing ways to make sure you are teaching the Adobe Certified Associate Exam Objectives and the best ways to set up for the Exam. You will also have the opportunity to certify as well as see how the online certification works by taking an exam yourself.*
		- *Please bring your computer to the session.*
		- **Art Maxwell, Certiport Onboarding Team**
		- OTC GRF 104

**Information Technology**

* 9:00 a.m.
	+ Information Technology Roundtable!
		- *Come join us and bring your ideas and concerns to share with the group!*
		- **Monika Masuda, Lex La Ray**
		- OTC ICW 238

**Law, Public Safety, and Security**

* 9:00 a.m.
	+ **Teaching Law Enforcement Students De-Escalation and Excited Delirium**
		- *Courses to help prepare students for entry into STS programs offered at the 11th and 12th-grade are rare. Based on the demand for skilled labor in the Manufacturing, Transportation & Logistics, and Architecture & Construction career clusters, the need for preparatory courses arose. UCM, with the help of current CTE instructors and administrators.*
		- **Angeleic Huth, Herndon Career Center: Law Enforcement Instructor**
		- OTC ICW 222

**Transportation, Distribution, and Logistics**

* 9:00 a.m.
	+ **Advanced Driver Assistance Systems (ADAS) Calibration Tools and Overview**
		- *Advanced Driver Assistance Systems (ADAS) are here and now. We will need to know this technology to share with our students. Automotive Technologies will be giving us an overview of the equipment and training available for this "high tech" area of the collision repair industry.*
		- **Automotive Technologies**
		- OTC ITC 105 & 107

**Architecture and Construction**

* 10:00 a.m.
	+ **Construction Management**
		- *State Fair Community College program in Construction Management. An explanation of program outcomes and career opportunities for graduates.*
		- **Richard Vanderweide, State Fair Community College: Construction Technology Program Coordinator**
		- OTC ICW 236

**Manufacturing**

* 10:00 a.m.
	+ **Tig Welding Basics and Essentials (Hands-on)**
		- *Tig Welding Basics and Essentials demonstration and hands-on training.*
		- **Jerad Hembree, Missouri Welding Institute**
		- OTC ITC 103

**Architecture and Construction**

* 11:00 a.m.
	+ **Opportunities in Heavy Highway Construction**
		- *An exploration of opportunities for graduates in the Heavy Highway construction industry. The impact of infrastructure spending on job opportunities***.**
		- **Don Rosenbarger, Delta Companies: Business Development Manager Workforce Focus**
		- OTC ICW 237

**Arts, AV and Communication**

* 11:00 a.m.
	+ **Lets Talk! Productive Graphics Roundtable!**
		- *Come join us to talk all Graphic Design Teaching ideas! Bring your favorite Ideas to share with the group! We will be using a discussion layout that you can take to your classroom to use.*
		- **Alicia Weber, Nevada Regional Technical Center: Graphics Instructor**
		- OTC ICW 238

**Information Technology**

* 11:00 a.m.
	+ **Virtual Reality in CTE**
		- *We will explore how virtual reality can help enrich student learning in a CTE environment. In this presentation I will show the pros and cons of various VR headsets and software that is available for different program areas.*
		- **Bandon Dennis, Grand river Technical School**
		- OTC ICW 220

**MTTA Luncheon
Sponsored by AGC of Missouri Education Foundation**

* 12:00 p.m.
	+ **MTTA Luncheon**
		- All Members welcome
		- **RIB CRIB Check with Paul on the Sponsor**
		- OTC LCN 211

**All Cluster Session**

* 1:00 p.m.
	+ **Inspiring Youth Apprenticeships in Career Technical Education**
		- *An interactive introduction to Registered Youth Apprenticeships for Career Technical Centers and High School Trade programs. The second session will be an overview for successful start-up, community education, and recruitment.*
		- *2-2:50 will be Q&A*
		- **Cynthia Walker*, Apprenticeship Specialist***
		- OTC ICW 222

**Architecture and Construction**

* 1:00 p.m.
	+ **Building Layout Technology**
		- *An exploration of the new technology utilized in laying out building projects. The applications of VR and AR will be explored. (Hands on event.)*
		- **Corey Bell, Building Point Mid-America, *CEO***
		- OTC ICW 236

**Arts, AV and Communication**

* 1:00 p.m.
	+ **Laser Etching & Cutting in the Classroom (Hands-on)**
		- *Unlock the creativity of your students. Bolster your fundraising efforts. Open up a world of possibilities in the classroom. Come learn about ways a laser engraver can benefit your school or classroom, as well as hear some tips and tricks for existing users. Please bring at least one design and a computer to session.*
		- **Aaron Panek, Depco Enterprises: Educational Consultant**
		- OTC ICW 238

**Information Technology**

* 1:00 p.m.
	+ **Hyper-V Virtualization**
		- *Overview of Hyper-V, including brief overview of setting up a replication server, and small cluster.*
		- **Carl Alcott, CTO: KC Helpdesk**
		- OTC ICW 220

**Law, Public Safety, and Security**

* 1:00 p.m.
	+ **Industry Visit**
		- *TBD. Updates to cluster will be provided.*
		- ***Rodger Bowers***

**Transportation, Distribution, and Logistics**

* 1:00 p.m.
	+ **Air Brush Training with Ed Sederburg**
		- *Ed Sederburg from the Rolla Technical Institute will be sharing his talents as an air brush artist. This will give instructors an opportunity learn the basics of air brush artistry to share with their students. This class is limited to Collision Repair Instructors only, unless prior arrangements are made.*
		- **Ed Sederburg*, Rolla Technical Institute: Instructor***
		- OTC 105 & 107

**All Cluster Session**

* 2:00 p.m.
	+ **It's Free and Super Useful!**
		- *National SkillsUSA created and made available four useful free online resources for educators. You will get a taste of all four and be prepared to use the information on the first day of school.*
		- *Resources to Explore:*
			* *1) Framework and Essential Element Toolkit*
			* *2) Jump Into STEM*
			* *3) Program of Work Toolkit*
			* *4) Championships and Technical Standards*
		- **Kelli Engelbrecht*, National SkillsUSA Trainer & Coach***
		- OTC IC 108 BC

**Architecture and Construction**

* 2:00 p.m.
	+ **New Technology in Power Tools**
		- *An exploration of the advances and advantages of the new technology in hand held power tools.*
		- **Kurk Brown, Team Tools LLC, General Manager**
		- OTC ICW 236

**Arts, AV and Communication**

* 2:00 p.m.
	+ **Car Wrap Demo (Hands-on)**
		- *Come join us for a hands-on car wrap demo. Learn how to wrap a car from beginning to end and then get the opportunity to try it yourself. Each attendee will get a piece of a car to wrap themselves. All materials will be provided! Lesson ideas included.*
		- **Billy Humble, H3 Graphix: Graphic Designer/Business Owner**
		- OTC ICW 238

**Information Technology**

* 3:00 p.m.
	+ - **Onsite Tour of Bluebird Underground Data Center / Bluebird Network**
		- *This is an on-site tour of the Bluebird Underground Data Center and Bluebird Networks. It is located literally underground in man-made caves. Go underground and check out a high-security, state-of-the-art, data center and internet facility. It is a 10-minute drive from OTC and the tour lasts 1 to 1.5 hours.*
		- **Greg Cantrell, Facilities Manager**
		- Car-pooling is recommended but not mandatory

**Thursday, July 29th**

* 9:30 a.m.
	+ **MTTA Post Conference Planners Meeting**
		- **Chairs, Chair-Elects and Program Planners Attend**
		- **Location:** Oasis, Sahara B
* 10:30 a.m.
	+ **MTTA Executive Board Post Conference Meeting**
		- **Board Members, Including Chair and Chair-Elects from each Cluster**
		- Location: Oasis, Sahara B