2014 Missouri ACTE Summer Conference & Trade Show
July 21 - 24, 2014

"Professional Development Starts Here"

Ted Stanfield
MTTA President

Updated 7/15/14

MTTA (Trade & Tech) Division

All MTTA events will be held on the OTC campus, unless otherwise indicated.

Monday, July 21

9:30 a.m.
Missouri ACTE Board of Directors Meeting
University Plaza - Illinois Room

1:00 p.m. - 6:00 p.m.
Missouri ACTE Conference Registration
EXPO Center - Hall A & B - 635 St. Louis Street

1:00 p.m. - 6:00 p.m.
Exhibits Open
EXPO Center - Hall A & B - 635 St. Louis Street

3:30 p.m. - 4:30 p.m.
MTTA Program Planners Meeting
ICW 220
Chairs, Chair Elects and Program Planners Attend

Tuesday, July 22

7:30 a.m.
All Missouri ACTE Committee Meetings
University Plaza Convention Center - Arizona Room

8:00 a.m. - 2:00 p.m.
Exhibits Open
EXPO Center - Hall A & B - 635 St. Louis Street

8:00 a.m. - 5:00 p.m.
Missouri ACTE Conference Registration
EXPO Center - Hall A & B - 635 St. Louis Street

8:45 a.m.
New Professional Reception
University Plaza Convention Center - Arizona/Georgia/Iowa

Tuesday, July 22 (Cont.)

10:00 a.m.
Opening General Session
EXPO Center - Hall C - 635 St. Louis Street
Welcome; Awards; President-Elect Speeches

1:00 p.m. - 3:00 p.m.
MCRIA-Missouri Collision Repair Instructors Association Regular Business Meeting
Oasis Convention Center - Bora Bora Room

3:30 p.m. - 5:45 p.m.
MTTA General Session/ Business Meeting
LCN 211
Attendance Required (Door Prizes)

CLUSTER MEETINGS
Construction – LCN 112
Transportation – LCN 205
Service – LCN 114
Graphics – LCN 211
Manufacturing – LCN 211
Will take place during Business Session. 3:30 p.m. - 5:45 p.m.

7:00 p.m. - 10:00 p.m.
Springfield Cardinals Baseball

Wednesday, July 23

7:30 a.m. - 10:15 a.m.
MTTA Breakfast Snacks
ICW 100 Hallway
Sponsor: TBD

Continued on next page
Wednesday, July 23 (Cont.)

8:00 a.m. - 11:00 a.m.

**Missouri ACTE Late Registration**

*University Plaza Hotel Lobby*

8:00 a.m. - 9:45 a.m.

**Construction**

**Integrating Math in the Construction Field**

*Location: LCN 112*

You will learn how to simply integrate mathematics into your curriculum. This presentation will provide a few simple projects to use with your students that include correct math terminology while teaching the basic trade skills required. These projects are easily inserted into your current curriculum and leads directly to real-world application on the job site.

Presenter: David Richner; Integrated Academics Instructor; Warrensburg, MO

8:00 a.m. - 9:45 a.m.

**Graphics**

**PhotoShop Tips and Tricks**

*Location: LCN 110*

Learn some tips and tricks the pros use to turn your photos from good to "Framable"! Some topics will be layers, filters, and blending modes. Getting our students marketable in the profession is where we are heading with this hands-on, informative workshop.

Presenter: Cara Dee

8:00 a.m. - 9:45 a.m.

**Service**

**Microsoft Technology Associate Certifications**

*Location: ITC 211*

Microsoft Technology Associate Certifications: The Microsoft Technology Associate (MTA) certification is the ideal and preferred path to Microsoft's world-renowned technology certification programs, such as Microsoft Certified Technology Specialist (MCTS) and Microsoft Certified IT Professional (MCITP). MTA is positioned to become the premier credential for individuals seeking to explore and pursue a career in technology, or augment related pursuits such as business or any other field where technology is pervasive.

CompTIA Strata IT Fundamentals: The CompTIA Strata IT Fundamentals certificate program offers individuals a broad introduction to computing technology and serves as a critical stepping stone to advanced technical learning and IT skills. The exam measures an individual's knowledge of basic IT terminology and skills, such as setting up a basic PC work station, installing software, identifying compatibility issues and recognizing and preventing basic security risks.

Presenter: Jeff Christensen, Organization Certiport a Pearson Vue Company

Continued on next page
Wednesday, July 23 (Cont.)

8:00 a.m. - 11:45 a.m.  
**Graphics**

**Lesson Plan Round Table**

*Location: ITC 221*

Come and Go Lesson Plans and Planning. Participants must submit a lesson plan (10 copies) This is a non-structured come and go, or visit and stay workshop for instructors wanting to get and give ideas on how they teach the various competencies for Graphic Communications/Design.

*Presenter: Joyce Dent, Instructor, Nevada Regional Technical Center*

8:15 a.m. - 9:00 a.m.  
**TEAM Workshop: Woodwork Career Alliance of North America (WCA): Promoting a Skilled Workforce for the Woodworking Industry.**

*OTC Campus - Lincoln Hall - Room: 211*

*Presenters: Robert Studdard, Wood Manufacturing Instructor, Rolla Public Schools and Greg Heuer, Secretary, Woodworkers Career Alliance*

8:00 a.m. - 11:45 a.m.  
**Transportation**

**WKR01 Hazardous Materials, Personal Safety, and Refinish Safety**

*Location: ITC 105 & 105A*

Missouri collision Instructors, this is one of our Pro-Level One EE courses that deal with safety. This will be an I-Car live class a must attendance to see how a class is presented. Plan on attending and learn some new information, learn some presentation skills, and see how props are a valuable teaching tool!

*Presenter: Phil Wideman, Automotive Instructor, Linn State*

8:00 a.m. - 11:45 a.m.  
**Transportation**

**Current Sensing Using a Shunt and Hall Effect**

*Location: ITC 105 & 105A*

Learn how to show your students about circuit diagnosis utilizing Current Sensing using a Shunt and Hall Effect. This presentation will include instruction and hands-on training with training boards.

*Presenter: Tom Smalldon, Automotive Technics, Owner*
**MTTA (Trade & Tech) Division Agenda** (Cont.)

**Wednesday, July 23** (Cont.)

10:00 a.m. - 11:45 a.m.  
**Graphics**  
Tour and Demonstration of Vinyl Car Wrap  
*Location: 836 North Glenstone*

Transport Graphics Owner Ken Walker will also be available from 11:45 to 12:30 at the sgf mobile food park on our parking lot for questions and answers for an informal lunch.  
*Presenter: Ken Walker, Owner, Transport Graphics*

10:00 a.m. - 11:45 a.m.  
**Manufacturing**  
Tank Components Facility Tour  
*Location: 2000 North Alliance Avenue*

Tour of the new facilities for Tank Components Industries. Our company has hundreds of years of combined experience in the manufacturing and marketing of stainless steel tank components. We will introduce you to a level of quality that you have not experienced before.  
*Presenter: Dale Sandy, Tank Components Industry*

10:00 a.m. - 11:45 a.m.  
**Transportation**  
Automotive Technology for the 21st Century  
*Location: ITC 217*

(ABDS) Accessory Belt Drive System, New Government Regulations on fuel line, Cooling System Service for the 21st century!  
*Presenters: Kenny Pope and Terry Dodd, Territory Sales Managers*

10:00 a.m. - 11:45 a.m.  
**Transportation**  
Insite & After Treatment Familiarization  
*Location: ITC 213*

Insite basic’s & refresher course, ISX CM 2350 After treatment & SCR basic overview.  
*Presenter: Tom Adams, Cummins Central Power*

10:00 a.m. - 11:45 a.m.  
**Service**  
Microsoft Technology Associate Certifications  
*Location ITC 211*

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*Presenter: Jeff Christensen, Organization Certiport a Pearson Vue Company*

10:00 a.m. - 11:45 a.m.  
**Service**  
Tour of Jordan Valley Innovation Center  
*Location: 24 N. Boonville Ave.*

A tour of the Center for Applied Science & Engineering (CASE) at Missouri State University’s Jordan Valley Innovation Center (JVIC). CASE is committed to the development and support of advanced materials research. Areas of concentration include carbon based electronics, materials research and characterization, microelectronic devices, composites, and systems fabrication. Within these areas of interest, CASE provides engineering and technical support for high risk research and development, materials, synthesis, and testing services. CASE works with industrial, government, and academic partners to identify opportunities and develop solutions for enhancing technologies, processes, and products.  
*Presenter: Matt Curry, Missouri State University*

10:00 a.m. - 11:45 a.m.  
**Service**  
Technology in the Classroom: How to Connect Students  
*Location: ICW 108B*

Explore ways to connect students to your class, curriculum, and the world by using 21st century technology. Learn how to incorporate successful methods and proven technologies to connect your students and make your job easier.  
*Presenter: Jock Thompson, Instructor, Gibson Technical Center*

10:00 a.m. - 11:45 a.m.  
**Service**  
Law Enforcement/CSI Curriculum Meeting  
*Location: ICW 220*

*Presenter: Darrick Bruns, CSI Instructor*

Continued on next page
Wednesday, July 23 (Cont.)

10:30 a.m. - 11:30 a.m.
TEAM Workshop: The CNC Router Revolution - Part #II
OTC Campus - Lincoln Hall - Room 141
Presenters: Kent and Lyman Hannah

12:00 p.m. - 1:00 p.m.
MTTA Luncheon - RIB CRIB
Location: LCN 211
Pre-Register for Luncheon with Dorothy Loges

1:00 p.m. - 2:45 p.m.
Construction
Integrating Math in the Construction Field
Location: LCN 112
You will learn to how to simply integrate mathematics into your curriculum. This presentation will provide a few simple projects to use with you students that include correct math terminology while teaching the basic trade skills required. These projects are easily inserted into your current curriculum and leads directly to real world application on the job site.
Presenter: David Richner; Integrated Academics Instructor; Warrensburg, MO

1:00 p.m. - 2:45 p.m.
Construction
Career Connections for High School and Tech Carpentry
Location: LCN 146
Presenter: Jack Callender, Coordinator, Carpenters St. Louis

1:00 p.m. - 2:45 p.m.
Graphics
Bringing PDP Into Your Classroom
Location: LCN 101
Learn how to incorporate the SkillsUSA Professional Development Program into your classroom to optimize your students professionalism. Using a plan makes your life easier and your students less stressed.
Presenter: Dorothy Loges, Instructor, Dallas County Technical Center

Wednesday, July 23 (Cont.)

1:00 p.m. - 2:45 p.m.
Transportation
Collision Repair Curriculum Workshop
Location: ITC 105 & 105A
Missouri Collision Repair Instructors need to attend this workshop. We will be working on our I-Car Level 1 EE curriculum
Presenter: John Harden, Instructor, Lex La-Ray Center

1:00 p.m. - 2:45 p.m.
Transportation
Automotive Technology for the 21st Century
Location: ITC 217
(ABDS) Accessory Belt Drive System, New Government Regulations on fuel line, Cooling System Service for the 21st century!
Presenters: Kenny Pope and Terry Dodd, Territory Sales Managers

1:00 p.m. - 2:45 p.m.
Transportation
Insite & After Treatment Familiarization
Location: ITC 213
Insite basic’s & refresher course, ISX CM 2350 After treatment & SCR basic overview.
Presenter: Tom Adams, Cummins Central Power

1:00 p.m. - 2:45 p.m.
Transportation
Tour Northstar Battery Plant
Location: 1320 N. Alliance
Northstar Battery Plant Tour 1320 N Alliance Springfield MO by Airport (must supply your own transportation)
Presenter: James Yaws, Account Manager Allied Oil and Tire Company

1:00 p.m. - 2:45 p.m.
Service
Tour of OTC Networking Technology Program
Location: OTC Networking Department Graff Hall
Tour and overview of the Networking Technology program at OTC. This will include; classrooms, student run PC Repair Clinic, and our extensive Netlab infrastructure used to support course lab delivery.
Presenter: George Gibeau, Department Chair, Networking Technology, OTC

Continued on next page
Wednesday, July 23 (Cont.)

1:00 p.m. - 2:45 p.m.

**Service**

Law Enforcemnet/CSI Curriculum Meeting

*Location: ICW 220*

*Presenter: Darrick Bruns, CSI Instructor*

1:00 p.m. - 2:00 p.m.

**TEAM Workshop: The CNC Router: STEM “Ideas for Implementation”**

*OTC Campus - Lincoln Hall - Room 141*

*Presenters: Kent and Lyman Hannah*

1:00 p.m. - 2:45 p.m.

**All Clusters**

Incorportaion Common Core Technical Standards into CTE Lesson Plans

*Location: LCN 211*

This presentation will provide a brief introduction, or refresher, of the CCTS, followed by a discussion and demonstration on how to incorporate CCTS into lesson planning for our various CTE content areas. Attendees will will receive an updated lesson plan template to follow that incorporates CCTS in the lesson planning process.

*Presenter: Lori Cochran, Assistant Professor, UCMO*

1:00 p.m. - 2:45 p.m.

**All Clusters**

Flip Your Classroom Using Edmodo

*Location: ITC 221*

Want to streamline your classes using the Web? Tired of hearing "What did I miss?" Here's your answer, Edmodo offers an easy to use interface much like Facebook, but it is restricted to you and your students. Post questions to encourage a discussion, Post lessons, Make Assignments and have them returned via Edmodo (no more lost papers), Create a Quiz and have Edmodo grade it and post it in the Edmodo Gradebook, and keep your resources easily accessible by you and your students using the folders. Students even have a backpack to keep their stuff in to work on at home. Bring your laptop or just come and follow along - hand-outs available to the first 30 attendees, after that you will need to sign up to have the info emailed to you.

*Presenter: Deb Zoglmann, Instructor, Nevada Regional Technical Center*

Wednesday, July 23 (Cont.)

1:00 p.m. - 2:45 p.m.

**All Clusters**

**Missouri Career Center: Workforce Development**

*Location: ICW 214*


*Presenters: Cynthia Collins, Business Services Representative Ozark Region, and Sherry Coker; Business Services Representative, Missouri Career Center*

3:30 p.m.

**House of Delegates Meeting**

*University Plaza Hotel - Illinois Room (Changed from last year)*

7:30 p.m. - 10:30 p.m.

**All-Division Social**

*Ramada Plaza Hotel & Oasis Convention Center*

2550 N. Glenstone*

Thursday, July 24

9:30 a.m. - 11:00 a.m.

**MTTA Post Conference Planners Meeting**

*Location: ICW 220*

Chairs, Chair-Elects and Program Planners Attend

11:30 a.m. - 12:30 p.m.

**MTTA Executive Board Post Conference Meeting**

*Location: Ramada Inn Oasis Sahara B*

Board Members, Including Chair and Chair-Elects from Each Cluster

12:00 p.m.

**Missouri ACTE Board of Directors Meeting**

*University Plaza - Colorado Room*

Lunch served at 11:30 a.m.