



**Darrick Bruns**  
MTTA President

# TRADE & TECH

# MTTA

Updated June 20, 2013

**MONDAY**

**JULY 22, 2013**

**9:30 A.M.**

**MISSOURI ACTE BOARD OF DIRECTORS MEETING**

*University Plaza - Colorado Room*

**1:00 P.M. - 6:00 P.M.**

**MISSOURI ACTE CONFERENCE REGISTRATION**

*Springfield EXPO Center - Hall A&B - 635 St. Louis St.*

**1:00 P.M. - 6:00 P.M.**

**EXHIBITS OPEN**

*Springfield EXPO Center - Hall A&B - 635 St. Louis St.*

**3:00 P.M. - 5:00 P.M.**

**MTTA BOARD/ PLANNERS MEETING**

*Location: OTC*

**TUESDAY**

**JULY 23, 2013**

**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**

*Springfield EXPO Center - Hall A&B - 635 St. Louis Street*

**8:00 A.M. - 5:00 P.M.**

**MISSOURI ACTE CONFERENCE REGISTRATION**

*Springfield EXPO Center - Hall A&B - 635 St. Louis St.*

**TUESDAY**

**(CONT.)**

**JULY 23, 2013**

**8:45 A.M.**

**NEW PROFESSIONAL RECEPTION**

*University Plaza Convention Center - Arizona/Georgia/Iowa*

**9:00 A.M. - 3:00 P.M.**

**MCRIA-MISSOURI COLLISION REPAIR INSTRUCTORS ASSOCIATION REGULAR BUSINESS MEETING**

*Oasis Convention Center - Bora Bora Room*

**10:00 A.M.**

**OPENING GENERAL SESSION**

*Springfield EXPO Center - Hall C - 635 St. Louis St.*

Welcome; Awards; President-Elect Speeches

Speaker: Andy Masters, National Author/Speaker

**1:30 P.M. - 3:30 P.M.**

**“TCTW/SREB: WHAT WE CAN LEARN & APPLY THROUGH BEST PRACTICES”**

*University Plaza*

Session Leader: David Patterson, Hutchinson Career & Technical Education Academy; and Learning Module Breakouts led by Missouri Trainers

This is a cooperative session with MCCTA. It is free to MTTA, Pre-register by July 17, 2013; open to 75.

TCTW has identified a set of Key Practices that impact student achievement through development of multiple programs of study that prepare students for postsecondary studies and careers. These Key Practices provide direction and meaning to comprehensive school improvement:

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**TUESDAY***(CONT.)***JULY 23, 2013****1:30 P.M. - 3:30 P.M. (CONTINUED)****“TCTW/SREB: WHAT WE CAN LEARN & APPLY THROUGH BEST PRACTICES” (CONTINUED)**

**High expectations:** Motivate more students to meet high expectations by integrating high expectations into classroom practices and giving students frequent feedback.

**Program of study:** Require each student to complete a plan of study leading them to complete a true concentration in an approved sequence of at least four career/technical courses and an upgraded academic core leading to preparation for postsecondary studies and a career.

**Academic studies:** Teach more students the essential concepts of the college-preparatory curriculum by encouraging them to apply academic content and skills to real-world problems and projects within their career/technical studies.

**Career/technical studies:** Provide more students access to intellectually challenging career/technical studies in high-demand fields that emphasize higher-level mathematics, science, literacy and problem-solving skills needed in the workplace and in further education.

**Work-based learning:** Enable students and their parents to choose from programs that integrate challenging high school career/technical studies and work-based learning and are planned by educators, employers and students.

**Teachers working together:** Provide cross-disciplinary teams of teachers the time and support to work together to help students succeed in challenging career/technical and academic studies. Integrate reading, writing and speaking as strategies for learning into all parts of the curriculum, and integrate mathematics and science into career/technical classrooms.

**Students actively engaged:** Engage students in career/technical and academic classrooms in rigorous and challenging assignments using research-based strategies and technology.

**Guidance:** Involve students and their parents in a guidance and advisement system that develops positive relationships and ensures completion of a career/technical concentration with an approved sequence of at least four courses and an accelerated program of study. Provide each student with an adult mentor who works with them throughout high school to assist with setting goals, selecting courses, reviewing progress and pursuing appropriate interventions as necessary.

**Extra help:** Provide a structured system of extra help to assist students in completing accelerated programs of study with high-level academic and technical content

**Culture of continuous improvement:** Use student assessment, program evaluation data, technology center performance reports, program enrollment, retention and placement reports, college remediation reports, student follow-up reports and advisory committee input to continuously improve school culture, organization, management, curriculum and instruction to advance student learning.

**TUESDAY***(CONT.)***JULY 23, 2013****4:00 P.M. - 5:30 P.M.****MTTA BUSINESS MEETING AND CLUSTER MEETINGS***Lincoln Hall - Room 211***WEDNESDAY****JULY 24, 2013****7:30 AM - 10:15 AM****MTTA BREAKFAST SNACKS***ICW 100 Hallway**Catered by Panera Bread***8:00 A.M. - 11:00 A.M.****MISSOURI ACTE LATE REGISTRATION***University Plaza Hotel - Lobby***8:00 A.M. - 9:45 A.M.****MANUFACTURING****Automated Studios***Location TBD**Presenter: Ken Beckler, Innovative Education Systems**Use automated studios as an instruction tool and training tool for students.***TRANSPORTATION****Automotive Technology Principles and Practice (by CDX Automotive)***Location TBD**Presenter: Scott Graham, CDX Automotive**It is a new day in Automotive Technology. Many programs are expected to provide embedded credit in Math, Science, and Communication Arts. All programs are expected to communicate auto repairs in order to prepare students for End-of-Program tests. There is a new textbook and on-line learning system available that presents automotive technology in an effective way. Every automotive instructor needs to see this system.***SERVICE****Certiport TSA Update***Location TBD**Presenter: Jeff Christensen, Organization Certiport, Inc**Certiport offerings as related to Missouri TSA. Discussion will center around Microsoft Academy, Strata and IC3, and practice tests (MeasureUp) along with time for Q and A.***“MTTA” >p3**

8:00 A.M. - 9:45 A.M. (CONTINUED)

**SERVICE (CONTINUED)****How TestOut's LabSim Courseware will Provide Hands-On Instruction and Certification for Missouri's TSA***Location TBD*

Presenter: Aubrey Barnett, Testout Corporation

TestOut's LabSim provides a comprehensive, hands-on learning solution that engages your students. While our integrated assessment tools chart progress, identify learning deficiencies, and measure certification and job readiness. By completing our Pro certification exam(s), your students will be in compliance with Missouri's TSA.

8:00 A.M. - 11:45 A.M.

**CONSTRUCTION****Energy Efficient Building Technology***Location TBD*

Presenter: Tom Young

Erect and display at wall system using SIP technology. Demonstrate a blower door and thermal camera. Discuss energy efficiency and green building.

**Insulated Concrete Wall Systems: Revolutionizing the Construction Industry***Location TBD*

Presenter: Paul Lias and Mike Kirkpatrick, Alternative Energy Construction

Learn how IF Forming Systems' latest wall system, TransForm, can give contractors the opportunity to offer better construction to their clients while expanding their own customer base. Discover how our system is easy to learn, quick to install and gives building owners lower utility bills and disaster resistance.

**GRAPHICS****SkillsUSA Leadership Contest: Is it a fit for your students?***Location TBD*

Presenter: Dorothy Loges, Dallas County Technical Center Instructor

If you want to learn more about what leadership contests are available for your students this session is for you. Leadership contests will be reviewed including what is involved in competing. Opening Closing Ceremony, Chapter Display, Promotional Bulletin Board and more.

8:00 A.M. - 11:45 A.M. (CONTINUED)

**MANUFACTURING****Advanced GMAW Processes***Location: TBD*

Presenter: Ralph Leavell, Miller Electric MFG. CO.

Advanced GMAW processes will cover the newest types of pulse MIG, ACCU Pulse, Pro Pulse, and RMD (Regulated metal desposition)

**TRANSPORTATION****Automotive Diagnostic Tool Box***Location TBD*

Presenter: James Wilson, Automotive Trainer, Auto Dynamics Ltd.

This session provides an understanding of the latest tools and techniques needed to diagnose CAN bus networks, computer reflashing, and use of information systems. Demonstration of DVOMs, Genisys Touch, 5-gas analyzers, and labsopes are a part of the procedures. Come for all of the session or half.

**Eaton Powertrain Update***Location TBD*

Presenter: Jerry Gruber, Service Solutions / Aftermarket Sales Manager

Update on Eaton / Roadranger Power Train Products and components. Failure analysis as time permits.

**PPG Envirobase Training***Location TBD*

Presenter: Roger Hammett and John Hartnegle, PPG Representative

Class will cover waterborne refinish practices for collision repair

10:00 A.M. - 11:45 A.M.

**GRAPHICS****New Curriculum for Graphic Design***Location TBD*

Presenter: Regina Gossett, Graphic Arts Instructor

Look what's NEW for Graphic Design! Curriculum that covers: Introduction to Graphic Design, Advertising Design, Photography, Vinyl Sign Making, Embroidery, Screen Printing, and more! Come see the first unveiling of some really great stuff for your classroom!

**MANUFACTURING****PLC Applications***Location TBD*

Presenter: Ken Beckler, Innovative Education Systems

Learn how to use simulation software to operate a PLC with a trainer.

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10:00 A.M. - 11:45 A.M. (CONTINUED)

**TRANSPORTATION****Automotive Technology Principles and Practice  
(by CDX Automotive)***Location TBD*

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It is a new day in Automotive Technology. Many programs are expected to provide embedded credit in Math, Science, and Communication Arts. All programs are expected to communicate auto repairs in order to prepare students for End-of-Program tests. There is a new textbook and on-line learning system available that presents automotive technology in an effective way. Every automotive instructor needs to see this system.

**SERVICE****Certiport TSA Update***Location TBD*

Presenter: Jeff Christensen; Organization Certiport, Inc

Certiport offerings as related to Missouri TSA. Discussion will center around Microsoft Academy, Strata and IC3, and practice tests (MeasureUp) along with time for Q and A.

**How TestOut's LabSim Courseware will Provide  
Hands-On Instruction and Certification for  
Missouri's TSA***Location TBD*

Presenter: Aubrey Barnett, Testout Corporation

TestOut's LabSim provides a comprehensive, hands-on learning solution that engages your students. While our integrated assessment tools chart progress, identify learning deficiencies, and measure certification and job readiness. By completing our Pro certification exam(s), your students will be in compliance with Missouri's TSA.

12:00 P.M. - 1:00 P.M.

**MTTA LUNCHEON***LCN 211*

Pre-Register for Luncheon with Dorothy Loges

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1:00 P.M. - 2:45 P.M.

**TRANSPORTATION****PPG Envirobase Training***Location TBD*

Presenters: Roger Hammett and John Hartnegle, PPG Representatives

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1:00 P.M. - 2:45 P.M. (CONTINUED)

**TRANSPORTATION (CONTINUED)****3M Automotive Plastic Repair***Location TBD*

Presenter: Scott Mills, 3M Automotive Rep

**ALL CLUSTERS****OSHA Safety***Location TBD*

Presenter: Andrea Foster-Mack, Director of Outreach

Discuss the changes to OSHA 10-hour online and answer any questions about OSHA in general.

**Communication Skills Success Between  
Employee and their Employers***Location TBD*

Presenter: Ted Stanfield, Instructor: North Tech High School

Teaching soft skills to our students. Communication skills for our students to be able to converse with their employers in a way that sets them above the rest of the work force and brings about success in their careers.

**e-Portfolios for Technology Students***Location TBD*

Presenter: Cheryl Fellers, Instructor: Ozarks Technical Center

Getting up-to-speed with e-Portfolios. Learn where to start, what programs to use, what to include and what the final product can look like. This is for beginners and experienced teachers alike. Not restricted to Graphic Design, all clusters are welcome!

**Teamwork - Developing a Team that Works***Location TBD*

Presenter: SkillsUSA

3:30 P.M.

**HOUSE OF DELEGATES MEETING***University Plaza Convention Center - Iowa Room*

7:30 P.M. - 10:30 P.M.

**ALL-DIVISION SOCIAL***Ramada Plaza Hotel and Oasis Convention Center  
2550 N. Glenstone*

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**THURSDAY**



**JULY 25, 2013**

**9:00 A.M. - 11:00 A.M.**

**2014 PLANNERS MEETING**

*OTC Location TBD*

This meeting is required for 2014 Cluster Chairs, Chair – elects and program planners.

**11:30 A.M. - 1 :00 P.M.**

**EXECUTIVE BOARD MEETING**

*Ramada Inn Oasis*

Required for all Board Members, Chair and Chair-elects.  
Lunch is provided.

**1:00 P.M.**

**MISSOURI ACTE BOARD OF DIRECTORS MEETING**

*University Plaza - Colorado Room*

Lunch served at noon.