MTTA

Missouri Trade and Technical Association

Acronyms

DESE: Department of Elementary and Secondary Education
Missouri ACTE: Missouri Association for Career and Technical Education
MTTA: Missouri Trade and Technical Association
TEAM: Technology Education Association of Missouri
OTC: Ozarks Technical Community College
(Chestnut Expressway & Sherman Ave.)
ICW: Information Commons West
ICE: Information Commons East
LCN: Lincoln Hall
NKM: Formerly the Technical Education Center (TEC)
ITTC: Industry & Transportation Technology Center

Sunday, July 20

4:00 p.m. - 6:00 p.m.
MTTA Executive Board Work Session

Monday, July 21

9:00 a.m. - 3:00 p.m.
MTTA/MoEFACS Pre-Conference Workshop:
ServSafe Foodservice Sanitation Training and Certification
Clarion Hotel - Ballroom III
Instructor: ServSafe Instructor with the Missouri Restaurant Association, St. Louis, MO
Pre-Registration Required by June 6; See Registration Form on the Missouri Family and Consumer Sciences website:
http://dese.mo.gov/divcareered/facs_professional_development.htm
#MoACTE; Fee: $100

3:00 p.m. - 5:00 p.m.
MTTA Cluster Chair/Program Planners Meeting
OTC, ICE - 123 C

Tuesday, July 22

8:00 a.m. - 3:00 p.m.
Missouri ACTE Exhibits Open
EXPO Center - Hall A & Hall 1 - 635 E. St. Louis Street
8:00 a.m. - 5:00 p.m.
Missouri ACTE Conference Registration Open
EXPO Center - Hall A & Hall 1 - 635 E. St. Louis Street

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MTTA

Tuesday, July 22 (Cont.)

8:00 a.m.

All Missouri ACTE Committee Meetings
University Plaza Convention Center - Arizona Room

9:15 a.m. - 10:15 a.m.

Missouri ACTE New Professional Reception
University Plaza Convention Center - Arizona & Georgia Rooms

10:30 a.m.

Missouri ACTE Opening General Session
EXPO Center - Hall B & C - 635 E. St. Louis Street
Opening Session Speaker - Ray McNulty
After the Opening Session, a Box Lunch will be available for attendees in the EXPO Center - Hall 1.

1:15 p.m. - 2:15 p.m.

General Session - Part 2
Programs of Study
Cluster: Architecture & Construction
University Plaza - Kansas Room
Cluster: Manufacturing
University Plaza - Arizona Room

2:40 p.m. - 3:25 p.m.

MTTA/TEAM Carousel #7
Integration of Math into CTE Courses
OTC, NKM/TEC - 116
Presenters: Dennis Hale, Pike Lincoln Tech Center and Diane Lehmkuhl, Winfield High School

3:30 p.m. - 5:00 p.m.

MTTA General Session
OTC, ICW- 100 A/B/C/D

5:15 p.m. - 6:00 p.m.

MTTA Cluster Meetings
Cluster Meeting #1 - Construction
OTC, ICE - 123 A
Cluster Meeting #2 - Graphics
OTC, ICE - 123 B
Cluster Meeting #3 - Manufacturing
OTC, ICE - 123 C
Cluster Meeting #4 - Service
OTC, LCN - 211
Cluster Meeting #5 - Transportation
OTC, ICW - 100 A/B/C/D

Tuesday, July 22 (Cont.)

6:00 p.m. - 6:30 p.m.

MTTA - Carousel #1: (New Trade and Industrial Teachers Orientation)
OTC, ICE - 123 B

6:30 p.m. - ??

MTTA/TEAM/MSCVA Social
Oasis Convention Center 2550 N. Glenstone

Wednesday, July 23

7:30 a.m. - 10:15 am.

MTTA Breakfast Snacks
OTC, ICW - 100 Hallway
Provided by Banta Foods

8:00 a.m. - 5:00 p.m.

MTTA Information Area
Reception Desk

MTTA/TEAM Technical Session #1

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

CONSTRUCTION
Kool Glide Radio Wave Technology for Seaming and Fastening Flooring
OTC, LCN - 139
Presenter: Ronald Notheis
Facilitator: TBA
Prefabrication 100% Water Proof Shower Systems for Tile and Stone
OTC, ITTC - 207
Presenter: Bastain Lohman
Facilitator: TBA
Cabinet Making with Vectric Software
OTC, LCN - 112
Presenter: Chris Reuter
Facilitator: TBA
Technology in the Classroom Using Interactive Training
OTC, ICE - 123 B
Presenter: Bill Carruthers
Facilitator: TBA

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Wednesday, July 23 (Cont.)

**MTTA/TEAM Technical Session #1 (Cont.)**

8:00 a.m. - 9:45 a.m. (Cont.)

**CONSTRUCTION (Cont.)**

Construction Layout Using Trimble Robotic Total Station  
*OTC, ICE - 123 C*  
Presenter: Tom Bryant  
Facilitator: TBA

Hand Signaling for Safe Mobile Crane Operation  
*OTC, ICE - 123 A*  
Presenter: Daniel Bottoms  
Facilitator: TBA

**GRAPHICS**

Digital Photography for the Classroom Teacher  
*OTC, LCN - 211*  
Presenter: Jana Bennett  
Facilitator: TBA

Vinyl Design and Application for Apparel  
*OTC, LCN - 101*  
Presenter: Felicia Rickard  
Facilitator: TBA

Chief Architect: Interior/Exterior Design  
Interdisciplinary Activities  
*OTC, ICW - 108 A/B*  
Presenter: Debbie Gray  
Facilitator: TBA

**MANUFACTURING**

Starrett Precision Tools and Gages  
*OTC, ITTC - 108*  
Presenter: Matt Swain  
Facilitator: TBA

Networking PLC’s for Troubleshooting and Data Acquisition  
*OTC, ICW - 214*  
Presenter: David Ulmer  
Facilitator: TBA

**SERVICE**

HE-RObot™ by Heathkit  
*OTC, ITTC - 200*  
Presenter: Sid Laub  
Facilitator: TBA

**SERVICE (Cont.)**

Careers Through NASA  
*OTC, LCN - 144*  
Presenter: Beth Whitehead  
Facilitator: TBA

**SERVICE (Culinary)**

Pork - The Other White Meat  
*OTC, ICW - 108 C*  
Presenter: Don Nikodim, Missouri Pork Association, Vice President/Board  
Facilitator: TBA

**SERVICE (Cosmetology)**

Liposage and Swedish Massage/Salon Mgt.  
*3024 E State Highway 76; Branson, MO (417-239-3660)*  
Presenter: Tim Wilson, Images Salon & Spa  
Facilitator: TBA  
This session will run from 8:00 a.m. to 11:45 a.m.

**SERVICE (HVAC)**

Topic: TBA  
*Location: TBA*  
Presenter: TBA  
Facilitator: TBA

**SERVICE (Law Enf./Safety)**

Topic: TBA  
*Location: TBA*  
Presenter: TBA  
Facilitator: TBA

**TRANSPORTATION**

Diagnosing with Mode 6  
*OTC, ITTC - 217*  
Presenter: Jim Wilson  
Facilitator: TBA

MODIS Scan Tool Training (Non-Certificate)  
*OTC, ITTC - 211*  
Presenter: Eldonn Hopp  
Facilitator: TBA

3M Update & SkillsUSA Roundtable  
*OTC, ITTC - 221*  
Presenter: Rick Denning  
Facilitator: TBA

MTTA agenda continues on next page.
**Wednesday, July 23 (Cont.)**

### TRANSPORTATION (Cont.)

Industry Skill Level Needs for Technicians - A Panel Discussion with Service Managers

*Location: TBA*

*Presenters: Todd Flowers, Fixed Operations Manager, Plaza Motor Company, St. Louis (Audi, BMW, Cadillac, Infiniti, Lexus, Mercedes-Benz, Porsche, Range Rover, Smart); Doug Miller, Director of Operations, McCarthy Nissan/Hyundai, Blue Springs (Nissan, Hyundai); and Butch Peery, Thompson Sales Company, Springfield (Saab, Cadillac, GMC, Pontiac)*

*Moderator: Rich Echols, Missouri Auto Dealers Assoc. (MADA) and AYES*

### Break

**8:00 a.m. - 9:45 a.m. (Cont.)**

**CONSTRUCTION** (Cont.)

"James Hardie" Best Practices for Professional Installation of Exterior Siding

*OTC, LCN - 143*

*Presenter: Peter Ziminski*

*Facilitator: TBA*

Construction Layout Using Trimble Robotic Total Station

*OTC, ICE - 123 C*

*Presenter: Terri Rollings*

*Facilitator: TBA*

Hand Signaling for Safe Mobile Crane Operation

*OTC, ICE - 123 A*

*Presenter: Russell Landis*

*Facilitator: TBA*

### GRAPHICS

Autodesk Revit & Viz

*OTC, ITTC - 223*

*Presenter: Cameron Collins*

*Facilitator: TBA*

Graphic Arts Round Table Discussion - Refining State Competencies, Adding Web Page Design and Getting National Certifications

*OTC, LCN - 211*

*Presenter: Regina Gossett*

*Facilitator: TBA*

Chief Architect: Interior/Exterior Design Interdisciplinary Activities

*OTC, ICW - 108 A/B*

*Presenter: Debbie Gray*

*Facilitator: TBA*

### MANUFACTURING

Tooling -U Online Training for Manufacturing

*OTC, LCN - 146*

*Presenter: Cindy Bernosky*

*Facilitator: TBA*

Networking PLC's for Troubleshooting and Data Acquisition

*OTC, ICW - 214*

*Presenter: David Ulmer*

*Facilitator: TBA*
10:00 a.m. - 11:45 a.m. (Cont.)

**SERVICE**

**RFID / Renewable Energy**

OTC, ITTC - 200  
Presenter: Kirk Masser  
Facilitator: TBA

**What NASA Has for Educators**

OTC, LCN - 144  
Presenter: Beth Whitehead  
Facilitator: TBA

**SERVICE (Culinary)**

**Pork - The Other White Meat**

OTC, ICW - 108 C  
Presenter: Don Nikodim, Missouri Pork Association, Vice President/Board  
Facilitator: TBA

**SERVICE (Cosmetology)**

**Liposage and Swedish Massage/Salon Mgt.**  
(Continued from Session 1)

Branson, MO  
Presenter: Tim Wilson, Images Salon & Spa  
Facilitator: TBA

**SERVICE (HVAC)**

**Topic:** TBA  
Location: TBA  
Presenter: TBA  
Facilitator: TBA

**SERVICE (Law Enf./Safety)**

**Topic:** TBA  
Location: TBA  
Presenter: TBA  
Facilitator: TBA

**TRANSPORTATION**

**3M Updates for New & Current Products**

OTC, ITTC - 221  
Presenter: Rick Denning  
Facilitator: TBA

**Diagnosing with Mode 7**

OTC, ITTC - 217  
Presenter: Jim Wilson  
Facilitator: TBA

12 noon

**MTTA Luncheon**

OTC, ICW - 108 A/B

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

**CONSTRUCTION**

**Technology in the Classroom Using Interactive Training**

OTC, ICE - 123 B  
Presenter: Bill Carruthers  
Facilitator: TBA

**Kool Glide Radio Wave Technology for Seaming and Fastening Flooring**

OTC, LCN - 139  
Presenter: Ronald Notheis  
Facilitator: TBA

**Prefabrication 100% Water Proof Shower Systems for Tile and Stone**

OTC, ITTC - 207  
Presenter: Bastain Lohman  
Facilitator: TBA

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Wednesday, July 23 (Cont.)

**CONSTRUCTION** (Cont.)

"James Hardie" Best Practices for Professional Installation of Exterior Siding

*OTC, LCN - 143*

Presenter: Heller Stock
Facilitator: TBA

Chief Architect: Interior/Exterior Design Interdisciplinary Activities

*OTC, ICW - 108 A/B*

Presenter: Debbie Gray
Facilitator: TBA

**GRAPHICS**

Model-Making Demos Using Solidworks and Pewter

*OTC, ITTC - 223*

Presenters: Pierre Devaux and Chris Reuter
Facilitator: TBA

Project and Lesson Sharing - Bring Your Successful Projects and Lessons

*OTC, ICE - 123 C*

Presenter: Regina Gossett
Facilitator: TBA

Tour: Payne Sign Company

*On Location: TBA*

Presenter: Felicia Rickard
Facilitator: TBA

**MANUFACTURING**

Building the Atkinson Cycle Engine Project

*OTC, ITTC - 108*

Presenter: John Rude
Facilitator: TBA

Networking PLC’s for Troubleshooting and Data Acquisition

*OTC, ICW - 214*

Presenter: David Ulmer
Facilitator: TBA

**SERVICE (Cosmetology)**

Customized Facials and Body Wraps

3024 E State Highway 76; Branson, MO (417-239-3660)

Presenter: Carol Wilson, Images Salon & Spa
Facilitator: TBA

Monday, July 22 (Cont.)

**SERVICE (HVAC)**

Topic: TBA

*Location: TBA*

Presenter: TBA
Facilitator: TBA

**SERVICE (Culinary)**

Core Subject Curricula Partnered with T&I Ed

*OTC, ICW - 108 C*

Presenter: Cathy Farrar, Normandy High School
Facilitator: TBA

**SERVICE (Law Enf./Safety)**

Computer Forensics from Health Kit

*OTC, ITTC - 200*

Presenter: Kirk Maser
Facilitator: TBA

**TRANSPORTATION**

Diagnosing with Mode 8

*OTC, ITTC - 217*

Presenter: Jim Wilson
Facilitator: TBA

MODIS Scan Tool Training (Non-Certificate)

*OTC, ITTC - 111*

Presenter: Eldonn Hopp
Facilitator: TBA

Industry Skill Level Needs for Technicians - A Panel Discussion with Service Managers

*Location: TBA*

Presenters: Todd Flowers, Fixed Operations Manager, Plaza Motor Company, St. Louis (Audi, BMW, Cadillac, Infiniti, Lexus, Mercedes-Benz, Porsche, Range Rover, Smart); Doug Miller, Director of Operations, McCarthy Nissan/Hyundai, Blue Springs (Nissan, Hyundai); and Butch Peery, Thompson Sales Company, Springfield (Saab, Cadillac, GMC, Pontiac)
Moderator: Rich Echols, Missouri Auto Dealers Assoc. (MADA) and AYES

SkillsUSA Roundtable Discussion

*OTC, ITTC - 221*

Moderator: John Harden

2:45 p.m. - 3:15 p.m.

Break

MTTA agenda continues on next page.
Wednesday, July 23 (Cont.)

3:00 p.m. - 4:30 p.m.
MTTA/TEAM Carousel #2
101 Ways to Improve Your Teaching
OTC, ICE - 123 C
Presenter: Mark Johnson; Pittsburgh State, KS

3:15 p.m. - 4:00 p.m.
MTTA/TEAM Carousel #3
Mentor Program: Year 1 Follow-Up
OTC, ICE - 123 B
Presenters: Lori Cochran and Bart Washer, University of Central Missouri

MTTA/TEAM Carousel #4
Legal Aspects You Need to Know as A Teacher
OTC, ICE - 123 A
Presenter: Kris Morrow, DESE

3:30 p.m.
Missouri ACTE House of Delegates Meeting
University Plaza Convention Center - Iowa Room

4:15 a.m. - 5:00 p.m.
MTTA/TEAM Carousel #5
SkillsUSA
OTC, ICW - 108 A/B
Presenter: Paul Light, DESE

MTTA/TEAM Carousel #6
Certification
OTC, ICE - 123 A
Presenter: Debbie Butcher, DESE

4:15 a.m. - 5:00 p.m. (Cont.)
MTTA/TEAM Carousel #8
Prospective Mentor Training for Experienced Teachers
OTC, ICE - 123 B
Presenters: Lori Cochran and Bart Washer, University of Central Missouri

4:45 p.m. - 6:00 p.m.
MTTA/TEAM Carousel #9
CSI: Identifying Secrets of Student Success
OTC, ICE - 123 C
Presenter: Mark Johnson; Pittsburgh State, KS

Wednesday, July 23 (Cont.)

6:00 p.m.
MTTA/MoEFACS ProStart Culinary Arts Reception
Ocean Zen Restaurant - 600 E. Battlefield
By invitation only

8:30 p.m.
Missouri ACTE All-Division Social
The Oasis - 2550 N. Glenstone

Thursday, July 24 (Cont.)

8:00 a.m. - 9:45 a.m.
MTTA/TEAM Breakfast Snacks
OTC, ICW - 100 Hallway
Provided by DESE

8:30 a.m. - 9:00 a.m.
MTTA/TEAM – National Associations Memberships - Why
OTC, ICW - 100 A/B/C/D
Presenters: John Gaal, St Louis Builders Assoc. and Trade and Industrial Education National Rep. to ACTE (Tentative)

9:00 a.m. - 9:45 a.m.
SkillsUSA and Professionalism
OTC, ICW - 100 A/B/C/D
Presenter: Tim Lawrence, SkillsUSA

9:00 a.m. - 11:00 a.m.
MTTA Planners and Clusters Member Training
OTC, ICW - 108 A/B
Presenter: MTTA Officers

9:45 a.m. - 10:00 a.m.
Break

10:00 a.m. - 11:00 a.m.
MTTA/MoEFACE Missouri ProStart Instructor Session
Clarion Hotel - Conference Room C
Presenter: Hank Huitt, Missouri ProStart Program Coordinator, Springfield
Topic: Working with Employers to Implement Mentorships for Students
Facilitator: Carolyn Carrier

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