



Gregory A. Bauer
2006-2007 MTTA President

Missouri Trade and Technical Association (MTTA)

Missouri ACTE/MTTA Summer Conference Program Springfield, MO - July 22-26, 2007

MTTA Headquarter Hotel: The Oasis Hotel & Convention Center
2550 N . Glenstone; Springfield, MO



Missouri Trade & Technical Association Summer Conference Luncheon Wednesday, July 25, 2007 Reservation Form



Name: _____

Address: _____

City/State/Zip: _____

Phone: _____ Email Address: _____

School/Office Name: _____

Cost of Luncheon: \$10 per person # of Reservations _____ Amount Enclosed \$ _____

Make Checks payable to: **Missouri Trade & Technical Association**

Mail Reservation to: Carl Locke; MTTA Treasurer; 1618 Highway 215; Brighton MO 65617

Advance Reservations Required – **Reservations will be taken Monday at registration till 3 p.m.**
Contact Dorothy Loges, MTTA Secretary at 417-752-3491 if you have questions.
(Receipts will be issued at luncheon.)

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

TEC: Technical Education Center

ITTC: Industry & Transportation Technology Center

Sunday, July 22

4:00 p.m. - 6:00p.m.

MTTA Executive Board Work Session

The Oasis - Room 515

Springfield Cardinals Game (tonight only)

Contact Kate Mate at 417-832-3017 or kmata@stlcardinals.com for \$5 tickets, identify as being with Missouri ACTE group.

Monday, July 23

7:00 a.m. - 6:00 p.m.

ProStart Teacher Training

OTC, ICW - 106/108 C

Presenter: Chef Lou Rice

9:30 a.m.

Missouri ACTE Board of Directors Meeting

University Plaza - Oklahoma Room

3:00 p.m.

MTTA Luncheon Deadline for Pre-registration and Payment of \$10

Springfield EXPO Center - Hall A&B - 635 E. St. Louis St.; Trade and Industrial - Registration Table

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

MTTA Cluster Chair/Program Planners (and all Elects) Conference - Update Meeting

OTC, ICE - 123 C

3:00 p.m. - 7:00 p.m.

Missouri ACTE Conference Registration Open

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

Monday, July 23 (Continued)

3:00 p.m. - 7:00 p.m.

Missouri ACTE Exhibits Open

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

Tuesday, July 24

8:00 a.m.

All Missouri ACTE Committee Meetings

University Plaza Convention Center - Arizona Room

8:00 a.m. - 3:00 p.m.

Missouri ACTE Exhibits Open

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

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

Missouri ACTE Conference Registration Open

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

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 - Part I

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

Speaker: Dr. Harry K. Wong

Note:

After the Opening Session - Part 1, a complimentary box lunch is available for attendees - *Springfield EXPO Center - Hall A&B - 635 E. St. Louis St.*

Tuesday, July 24 (Continued)

1:30 p.m. - 3:00 p.m.

Missouri ACTE Opening General Session - Part 2

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

Speaker: Dr. Harry K. Wong

SPECIAL CAROUSEL

3:30 p.m. - 4:45 p.m.

Carousel #1: New Trade and Industrial Teachers - What Do I Do Now?"

OTC, ICE - 123 B

Presenter: Jerry Delgado

For MTTA/Trade & Industrial Beginning Teachers

5:30 p.m.

MTTA/TEAM - (T&I/Tech Ed.) Social Reception

Oasis Convention Center

Hors d'Oeuvres

Wednesday, July 25

7:00 a.m. - 10:30 a.m.

Breakfast Snacks

Sponsor: LC Fundraising, Versailles
(Lloyd Camp - cell - 573-378-9435)

OTC, ICW - Foyer

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

DESE Update for Industrial Education (Trade and Industrial, Tech Education & Health) Teachers

OTC, ICW - 100 A/B/C/D

Presenter: Gavin Allan, Director, Industrial Education, DESE

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

The 4 R's: Myth, Magic, or Miracle Cure?

OTC, ICW - 100 A/B/C/D

Presenter: Donna Dare, PhD., St. Louis Community College

9:45 a.m. - 10:15 a.m.

Break/Networking

Wednesday, July 25 (Continued)

10:15 a.m. - 11:15 a.m.

Rigor and Relevance for Career and Technology Education

OTC, ICW - 100 A/B/C/D

Presenter: Michael Wright, PhD., University of Central Missouri

11:15 a.m. - 11:30 a.m.

Professional Development Wrap-Up

OCT, ICW - 100 A/B/C/D

Presenter: Gavin Allan, Director, Industrial Education, DESE

11:35 a.m. - 11:55 a.m.

MTTA: Announcements

OTC, ICW - 100 A/B/C/D

12:00 noon

MTTA Luncheon

OTC, ICW - 108 A/B

Only \$10, pre-register and pay by 3:00p.m. July 23th

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

MTTA General Session and Business Meeting

OTC, ICW - 100 A/B/C/D

2:00 p.m. - 2:15 p.m.

Break

2:15 p.m. - 2:50 p.m.

MTTA Cluster Meetings

Construction

OTC, ICE - 123 C

Graphics

OTC, LCN - 211

Manufacturing

OTC, ICE - 123 A

Service

OTC, ICE - 123 B

Transportation

OTC, ICW - 100

2:50 p.m. - 3:00 p.m.

Break

Wednesday, July 25 (Continued)

SPECIAL CAROUSEL

3:00 p.m. - 4:45 p.m.

Carousel #2: SkillsUSA: Effective Chapter Management

OTC, LCN - 211

Presenter: Dr. Paul Light and Stan Green

6 hours; Continued on Thursday at 8:00 a.m

TECHNICAL SESSIONS # I

3:00 p.m. - 4:45 p.m.

CONSTRUCTION

Fasteners and Fastening Equipment for the Construction Industry

OTC, LCN - 139

Presenter: Rob Curcuru

Dietrich Steel Framing - Tomorrow's Technology Today

OTC, LCN - 144

Presenter: Thomas Gant

What's This? – Steel in Residential and Light Commercial Construction!

OTC, LCN - 141

Presenter: Maribeth Rizzuto, Director of Training and Education, Steel Framing Alliance

Engineered Floor Joist Systems - TJI

OTC, LCN - 112

Presenter: Jason Farrell

Tyvek

OTC, LCN - 146

Presenter: Doug Berner

GRAPHICS

Tips and Tricks in AutoCAD

OTC, ITTC - 213

Presenter: Keith Nannerman

ASME Standards? Which Ones Apply to What We Do?

OTC, ITTC - 223

Presenter: James Burleigh

Wednesday, July 25 (Continued)

TECHNICAL SESSIONS # I

(Continued)

3:00 p.m. - 4:45 p.m. (Continued)

GRAPHICS (Continued)

Auto Desk Rivit

OTC, ITTC - 209

Presenter: Cameron Collins

New Technologies for the Modern Classroom

OTC, TEC - 116

Presenter: Shane Patterson

PDF Workflow - How to create PDF Files for Printing

OTC, LCN - 106

Presenter: Devron Sternke

Setting Up Photoshop Files for Vinyl Applications

Location: TBD

Presenter: Destiney Conley

MANUFACTURING

AC Power Generation and Transmission

OTC, ITTC - 101

Presenter: Abe Kropp

Miller Electric - Welding Instructor Materials

OTC, ITTC - 104

Presenter: Ted Drower

Industrial Robotics - Automation and Robotics

OTC, ITTC - 102

Presenters: Chris Reuter, Innovative Education Systems and Jim Cooper, Fanuc USA

ESAB Welding Truck

OTC Parking Lot K

Presenter: Ed Boer

SERVICE

Universal Design Housing

OTC, ICE - 123 C

Presenter: Jerry Delgado, Art Sweany, & Larry Blackwell

Math in the Culinary Classroom

OTC, ICW - 216

Presenter: Brooke Harlan

Wednesday, July 25 (Continued)

TECHNICAL SESSIONS # I
(Continued)

3:00 p.m. - 4:45 p.m. (Continued)

SERVICE (Continued)

FIRST VEX Robotics

OTC, ITTC - 200

Presenter: Charlie Blair (Gateway HS)

TRANSPORTATION

Tractor Trailer.net

OTC, ITTC - 117

Presenter: John Head

I-Car Welding Test Review

OTC, ITTC - 107

Presenter: John Harden

Today's Class Online Training

OTC, ITTC - 115/115 A

Presenter: Tom Richardson

**Detroit Diesel and Mercedes Benz Engines
Product Update - (Continued Thursday, July 26)**

OTC, ITTC - 111

Presenter: Steve Palovik

**TEAM (Technology Education)
Supplemental Technical Break-Out Sessions
Available to T&I Instructors**

3:00 p.m. - 4:15 p.m.

**Solidworks: 3D CAD for the TE classroom,
(Hands-on workshop) 1st come, first 24**

OTC, ITTC - 215

Presenter: Kent Hannah, Eldon H S

3:00 p.m. - 4:15 p.m.

3 D Animation

OTC, ITTC - 217

Presenter: Mitch Comer, Camdenton H S

3:00 p.m. - 4:15 p.m.

**A Look at Exploring Careers (That New
General Shop Program)**

OTC, ICE - 232

Presenter: Steve McNaught, Cassville H S

Wednesday, July 25 (Continued)

3:30 p.m.

House of Delegates Meeting

University Plaza Convention Center - Iowa Room

SPECIAL CAROUSELS

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

Carousel #3A - Mentoring for the New Mentor

OTC, ICW - 108 A/B

Presenter: Bart Washer, PhD. and Lori Cochran; University of Central Missouri

For MTTA/TEAM and MoSAHOE Instructors

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

Carousel #3B - Mentoring for the 2nd Year Mentor

OTC, ICW - 108 A/B

Presenter: Bart Washer, PhD. and Lori Cochran; University of Central Missouri

For MTTA/TEAM and MoSAHOE Instructors

5:15 p.m. - 6:30 p.m.

Carousel #4 - MTTA and You, Why You Should Be Involved

OTC, ICE - 123 B

Presenter: TBD

5:15 p.m. - 6:30p.m.

**Carousel #5 - Certification Questions Answered
(Open Discussion)**

OTC, ICE - 123 C

Presenter: Debbie Butcher, DESE

8:30 p.m.

Missouri All-Division Social

The Oasis - 2550 N. Glenstone

Thursday, July 26

7:00 a.m. - 10:00 a.m.

Breakfast Snacks

OTC, ICE - Foyer

Sponsors: Banta Foods and MTTA

Thursday, July 26 (Continued)

TECHNICAL SESSIONS # 2

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

CONSTRUCTION

Fasteners and Fastening Equipment for the Construction Industry

OTC, LCN - 139

Presenter: Rob Curcuru

Continued 10:00 a.m. - 11:45 a.m.

Dietrich Steel Framing - Tomorrow's Technology Today

OTC, LCN - 144

Presenter: Thomas Gant

Continued 10:00 a.m. - 11:45 a.m.

Engineered Floor Joist Systems - TJI

OTC, LCN - 112

Presenter: Jason Farrell

Continued 10:00 a.m. - 11:45 a.m.

Tyvek

OTC, LCN - 146

Presenter: Doug Berner

Continued 10:00 a.m. - 11:45 a.m.

GRAPHICS

What's New in AutoCAD

OTC, ITTC - 213

Presenter: Keith Nannerman

ACE Mentoring Program - What is ACE?

OTC, ITTC - 221

Presenter: Michael Velentine

Continued 10:00 a.m. - 11:45 a.m.

Apple Updates and Information on Leopard and iLife

OTC, ICW - 108 A/B

Presenter: Kelley Jenison

Continued 10:00 a.m. - 11:45 a.m.

Vinyl Applications to Vehicles

Location: TBD

Presenter: Destiney Conley

Continued 10:00 a.m. - 11:45 a.m.

Thursday, July 26 (Continued)

TECHNICAL SESSIONS # 2

(Continued)

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

GRAPHICS (Continued)

Screen Printing Simulated Process Color

OTC, LCN - 106

Presenter: Devron Sternke

Continued 10:00 a.m. - 11:45 a.m.

ASME Standards? Which Ones Apply to What We Do?

OTC, ITTC - 223

Presenter: James Burleigh

MANUFACTURING

Factory in a Box - Process Control

OTC, ITTC - 101

Presenter: Joey Brown

Continued 10:00 a.m. - 11:45 a.m.

Pulsed Mig Welding Made Easy

OTC, ITTC - 103

Presenter: Ted Drower

Industrial Robotics - Automation and Robotics

OTC, ITTC - 102

Presenters: Chris Reuter, Innovative Education Systems and Jim Cooper, Fanuc USA

Continued 10:00 a.m. - 11:45 a.m.

ESAB Welding Truck

OTC Parking Lot K

Presenter: Ed Boer

SERVICE

Fish Fabrication for the Classroom

OTC, ICW - 106

Presenter: Bob Van Hook Jr.

Continued 10:00 a.m. - 11:45 a.m.

Network +

OTC, ICE - 123 C

Presenter: Kirk Maser, Learning Concepts Inc.

TECHNICAL SESSIONS # 2 (Continued)

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

SERVICE (Continued)

FIRST VEX Robotics

OTC, ITTC - 200

Presenter: Charlie Blair, Gateway HS

Continued 10:00a.m.-11:45a.m.

TRANSPORTATION

I-Car Enhanced Curriculum Preview

OTC, ITTC - 107 A

Presenter: John Harden

Continued 10:00a.m.-11:45a.m.

New 6.4 L Power Stroke Diesel

OTC, ITTC - 115/115A

Presenter: Bob Wheeler

Continued 10:00 a.m. - 11:45 a.m.

AC Delco

OTC, ITTC - 119/119A

Presenter: Mark Ingram

Continued 10:00 a.m. - 11:45 a.m.

Detroit Diesel and Mercedes Benz Engines Product Update - Continued

OTC, ITTC - 111

Presenter: Steve Palovik

Continued 10:00 a.m. - 11:45 a.m.

TEAM (Technology Education) Supplemental Technical Break-Out Sessions Available to T&I Instructors

8:30 a.m. - 9:45 a.m.

Finally Affordable CNC!!

OTC, ITTC - 207

Presenter: Carter Fawkes, Marshall H S

8:30 a.m. - 9:45 a.m.

Session I: Exploring Career Cluster; Course A- Architecture & Construction, Manufacturing, Science, Technology, Engineering & Math

OTC, ICE - 232

Presenter: Steve McNaught, Cassville H S

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

Break

TECHNICAL SESSION # 3

10:00 a.m. - 11:45 a.m.

CONSTRUCTION

Fasteners and Fastening Equipment for the Construction Industry

OTC, LCN - 139

Presenter: Rob Curcuru

Dietrich Steel Framing-Tomorrow's Technology Today

OTC, LCN - 144

Presenter: Thomas Gant

Engineered Floor Joist Systems - TJI

OTC, LCN - 112

Presenter: Jason Farrell

Tyvek

OTC, LCN - 146

Presenter: Doug Berner

Huber Engineered Woods

OTC, LCN - 114

Presenter: Kelley Jenison

GRAPHICS

What's New in Auto Desk Inventor

OTC, ITTC - 213

Presenter: Keith Nannerman

ACE Mentoring Program - What is ACE?

OTC, ITTC - 221

Presenter: Michael Velentine

Apple Updates and Information on Leopard and iLife

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Presenter: Kelley Jenison

Vinyl Applications to Vehicles

Location: TBD

Presenter: Destiney Conley

Screen Printing Simulated Process Color

OTC, LCN - 106

Presenter: Devron Sternke

Thursday, July 26 (Continued)

TECHNICAL SESSION # 3
(Continued)

10:00 a.m. - 11:45 a.m. (Continued)

GRAPHICS (Continued)

**Using Revit Software: AutoCAD to Revit,
Advantages and Disadvantages**

OTC, ITTC - 209

Presenter: Ron McDonald

**ASME Standards? Which Ones Apply to What We
Do?**

OTC, ITTC - 223

Presenter: James Burely

MANUFACTURING

Factory in a Box - Process Control

OTC, ITTC - 101

Presenter: Joey Brown

**Advanced Training at Southeast Nebraska
Community College; Milford, Nebraska**

OTC, ITTC - 104

Presenter: Shannon Hansen

SERVICE

Fish Fabrication for the Classroom

OTC, ICW - 106

Presenter: Bob Van Hook Jr.

Wireless Technology

OTC, ICE - 123 C

Presenter: Jack Bay, Eclipse Data Systems

FIRST VEX Robotics

OTC, ITTC - 200

Presenter: Charlie Blair, Gateway HS

**Building the Foundation: Getting Students
Started in the Information Technology Field**

OTC, ICW - 108 C

Presenter: Dave Boliek

Thursday, July 26 (Continued)

TECHNICAL SESSION # 3
(Continued)

10:00 a.m. - 11:45 a.m. (Continued)

TRANSPORTATION

I-Car Enhanced Curriculum Preview

OTC, ITTC - 107 A

Presenter: John Harden

New 6.4 L Power Stroke Diesel

OTC, ITTC - 115/115 A

Presenter: Bob Wheeler

AC Delco

OTC, ITTC - 119/119 A

Presenter: Mark Ingram

**Detroit Diesel and Mercedes Benz Engines
Product Update**

OTC, ITTC - 111

Presenter: Steve Palovik

**TEAM (Technology Education)
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Available to T&I Instructors**

10:00 a.m. - 11:15 a.m.

Finally Affordable CNC!!

OTC, ITTC - 207

Presenter: Carter Fawkes, Marshall H S

10:00 a.m. - 11:15 a.m.

**Session II: Exploring Career Cluster; Course
B- Arts, A/V Technology & Communications,
Information Technology, Transportation,
Distribution & Logistics**

OTC, ICE - 232

Presenter: Steve McNaught, Cassville H S

11:30 a.m. - 12:45 p.m.

**MTTA Board of Directors (and Cluster Chairs and
Elects) Post Conference Luncheon Meeting**

The Oasis - Kalahari Room

Thursday, July 26 (Continued)

1:00 p.m.

Missouri ACTE Board of Directors Meeting

University Plaza - Colorado Room