Missouri Trade and Technical Association (MTTA)

Donald P. Reeves
2002-2003 MTTA President

Missouri Trade & Technical Association Summer Conference Luncheon
Wednesday, July 23, 2003
Reservation Form
(Reservation Deadline: June 15, 2003)

Name: ____________________________________________
Address: ____________________________________________
City/State/Zip: _________________________________________
Phone: _____________________________________________
School/Office Name: _______________________________________
Email Address: ____________________________________________

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

Reservation Form and Payment Deadline: June 15, 2003
Advance Reservations Required - No On-site Reservations
Contact Charlene Piel, MTTA Secretary at 816-734-2589 if you have questions
(Receipts will be issued at luncheon.)
MTTA 2003 CONFERENCE AGENDA

NOTE: All meetings take place at the Ozark Technical College (OTC) unless otherwise indicated. Information Commons West is abbreviated as ICWest; Information Commons East is abbreviated as ICEast.

Sunday, July 20, 2003
4:00 p.m. - 6:00 p.m.
MTTA-Executive Board Work Session
Sheraton Hawthorn Park Hotel (10th floor Parlor Room)

Monday, July 21, 2003
8:00 a.m.
All Division Workshop: Electronic Alignment Tool
Kraft Administration Building
940 North Jefferson

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

10:00 a.m.
All Division Workshop: Electronic Alignment Tool
Kraft Administration Building
940 North Jefferson

Tuesday, July 22, 2003
8:00 a.m. - 1:00 p.m.
Missouri ACTE Exhibits Open
Jordan Valley Ice Park
635 East Trafficway

8:00 a.m. - 5:00 p.m.
Missouri ACTE Conference Registration Open
Jordan Valley Park
635 East Trafficway

8:00 a.m.
All Missouri ACTE Committee Meetings
University Plaza - Colorado Room

9:15 a.m. - 10:15 a.m.
Missouri ACTE New Professional Reception
University Plaza - Oklahoma, Illinois, and Colorado Rooms

10:30 a.m.
Missouri ACTE Opening General Session
University Plaza Convention Center

NOTE: Attendance requirements begin at 1:30 p.m., Tuesday, July 22 for DESE Certification Credit

1:30 p.m. - 3:15 p.m.
MTTA Opening General Session/Annual Business Meeting (Attendance Required)
ICWest - Room 100ABCD
Participants: MTTA attendees

3:30 p.m. - 4:30 p.m.
Construction Cluster
ICWest - Room 100AB
Attendance Required

3:00 p.m. - 5:00 p.m.
MTTA Cluster Chair/Program Planners Conference Update Meeting
ICWest 108AB
Participants: MTTA Officers, Cluster Chairs (and elects), Program Planners, & DESE Staff
Tuesday, July 22, 2003 (Continued)

3:30 p.m. - 4:30 p.m.
Graphics Cluster
ICEast - Room 123B
Attendance Required

3:30 p.m. - 4:30 p.m.
Manufacturing Cluster
ICEast - Room 123A
Attendance Required

3:30 p.m. - 4:30 p.m.
Service Cluster
ICEast - Room 123C
Attendance Required

3:30 p.m. - 4:30 p.m.
Transportation Cluster
ICWest - Room 100CD
Attendance required

6:00 p.m. - 8:00 p.m.
MTTA/MoSAHOE Reception
Sheraton Hawthorne Park Hotel, Rembrandt's
MTTA and MoSAHOE member/attendees

Wednesday, July 23, 2003

7:00 a.m.
MTTA Refreshments
ICEast Atrium

8:00 a.m. - 9:45 a.m.
10:00 a.m. - 11:45 a.m. (Repeat)
MTTA EDUCATORS EDUCATION SESSIONS
Attendance Required.

NOTE: See box to the right for Carousel specifics.

NOTE: Attendance at MTTA Educators Carousel Sessions is required for DESE teacher certification credit. Must attend two (2) sessions for full credit

Wednesday, July 23, 2003

MTTA EDUCATORS EDUCATION SESSIONS
Attendance Required.

Wednesday, July 23, 2003

8:00 a.m. - 9:45 a.m.
10:00 a.m. - 11:45 a.m. (Repeat)

NOTE: Attendance at MTTA Educators Carousel Sessions is required for DESE teacher certification credit. Must attend two (2) sessions for full credit

Carousel 1 Giving Students Effective Listening and Conflict Resolution Skills
ICEast - Room 123A
Presenter: Bev Hickam, Industry/Customized Training Specialist, Mineral Area CC

Carousel 2 MSIP- Ready or Not Here I Come
ICWest - Room 100B
Presenter: Dennis Harden, Coordinator, Vocational - Technical Education, DESE

Carousel 3 Verbal Judo for Educators
ICEast - Room 123C
Presenter: Joyce Baker, National Associate - Verbal Judo Institute

Carousel 4 Skills USA-VICA-Meat and Taters
ITC - Room 211
Presenter: Dr. Paul Light, Supervisor-Industrial Education-DESE

Carousel 5 Introduction to Blackboard
TEC - Room 104 - Computer Lab
Presenter: Lori Cochran and Eric Fudge, CMSU

Carousel 6 Professional Organizations - Are You an Active Member?
ITC - Room 207
Presenters: Matthew Bond, Crowder College and Kevin Peterman, Nevada Regional Technical Center

Carousel 7 New MTTA Member Orientation
ITC - Room 217
Presenter: Steve Snodgrass, State Fair Community College and Dr. Bart Washer, Central Missouri State University
**Wednesday, July 23, 2003 (Continued)**

### MTTA Educators Education Sessions (Continued)

**Attendance Required**

**Wednesday, July 23, 2003**

- **8:00 a.m. - 9:45 a.m.**
  - **10:00 a.m. - 11:45 a.m. (Repeat)**

#### Carousel 8
**Online Instructor Suite: Bulletin Board/Grade Book**
- **TEC - Room 106 - Computer Lab**
- Presenter: Dr. Craig Downing, Southeast Missouri State University

#### Carousel 9
**Student Learning Styles and Strategies for Teaching**
- **TEC - Room 108 - Computer Lab**
- Presenter: Dr. Raj Desai, Southeast Missouri State University

#### Carousel 10
**SkillsUSA-VICA National Update Image, Federal Policy Update, and Academic Integration**
- **ITC - Room 219**
- Presenters: Byekwaso Francis and Ann Wick, Kansas City Business Partnership for SkillsUSA-VICA

---

**12:00 Noon**

**MTTA Luncheon**
- **ICWest - Room 100A**
- Pre-registration and payment required.
- Participants: MTTA members who pre-registered and paid for Luncheon

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

**Carousel Special Session: Curriculum Project Workshop**
- Designed by Central Missouri State University
- **ICEast - Room 123B**
- Presenter: Dr. Bart Washer - Central Missouri State University
- Attendance may be substituted for Technical Update Session attendance

**3:30 p.m.**

**Missouri ACTE House of Delegates Meeting**
- **University Plaza - Arizona Room**

**4:30 p.m. - 5:30 p.m.**

**All Division Workshop: Legal Issues Facing Teachers**
- **University Plaza - Arizona Room**

**8:30 p.m.**

**All Division Social**
- **Remington’s Entertainment Complex**
  - **1655 W. Republic Road**

**Thursday, July 24, 2003**

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

**Carousel Special Session: Curriculum Project Workshop (Repeat)**
- Designed by Central Missouri State University
- **ICEast - Room 123B**
- Presenter: Dr. Bart Washer - Central Missouri State University
- Attendance may be substituted for Technical Update Session attendance

---

**11:30 a.m. - 1:00 p.m.**

**MTTA Board of Directors Post-Conference Luncheon Meeting**
- **Sheraton Hawthorn Park Hotel - Ginger’s**
- MTTA officers, Cluster Chairs, Cluster Chair Elects and DESE Staff should attend

**1:00 p.m.**

**Missouri ACTE Board of Directors Meeting**
- **University Plaza - Colorado Room**

---

**NOTE:**

Please refer to your cluster’s schedule on the following pages for schedule of Technical Update Sessions.
CARPENTRY

Wednesday, July 23, 2003

1:00 p.m. - 2:45 p.m.
Tour of Creative Associated (Cabinet Shop)
Creative Associates
1730 E. Atlantic
Presenter: Mike Boatright - Creative Associates
Facilitator: Greg Hoecker
Limit - 25, Must have safety glasses

1:00 p.m. - 5:00 p.m.
Manufacture and Placement of Prestressed Castings - Tour
Prestressed Castings
1600 S. Scenic
Presenter: Larry Watson - Prestressed Castings
Facilitator: Mark Sayers
Limit 50 - Must have safety glasses, hard hat, work boots - No Shorts

1:00 p.m. - 5:00 p.m.
New Styles in Residential Finish Products
LCN - Room 119
Presenter: Chris Torrisi - National Home Products
Facilitator: To Be Determined

3:00 p.m. - 5:00 p.m.
Home Automation
LCN - Room 129
Presenter: Perry Workman - Audio Input
Facilitator: Matthew Bond

CARPENTRY (Continued)

Thursday, July 24, 2003

8:00 a.m. - 9 :45 a.m.
Tour of Creative Associates (Cabinet Shop)
(Repeat session)
Creative Associates
1730 E. Atlantic
Presenter: Mike Boatright - Creative Associates
Facilitator: Greg Hoecker
Limit 25 - Must have safety glasses

8:00 a.m. - 11:45 a.m.
Manufacture and Placement of Prestressed Castings - Tour (Repeat session)
Prestressed Castings
1600 S. Scenic
Presenter: Larry Watson - Prestressed Castings
Facilitator: Mary Sayers
Limit 50 - Must have safety glasses, hard hat, work boots - No Shorts

8:00 a.m. - 11:45 a.m.
Layout Tools for the 21st Century
LCN - Room 116
Presenter: Brad Bryant - Laser Specialists
Facilitator: Robert Campbell

10:00 a.m. - 11:45 a.m.
Tour of Creative Associates Cabinet Shop
(Repeat session)
Creative Associates
1730 E. Atlantic
Presenter: Mike Boatright - Creative Associates
Facilitator: Greg Hoecker
Limit 25 - Must have safety glasses
Graphics Cluster
Technical Update Sessions

DRAFTING (ALL)

Wednesday, July 23, 2003
1:00 p.m. - 5:00 p.m.
Architectural and Mechanical Drafting - Overview of Auto Cad Software
ITC - Room 211
Presenter: Cameron Collins & Dustin Speith-DEPCO Inc.
Facilitator: Murl Darby

ARCHITECTURAL DRAFTING

Thursday, July 24, 2003
8:00 a.m. - 11:45 a.m.
Architectural Drafting - Program Requirements to Place Graduates in Commercial Firms
ICWest - Room 100B
Presenter: Morris Fletcher AIA-Fletcher Architects
Facilitator: Murl Darby

MECHANICAL DRAFTING

Thursday, July 24, 2003
8:00 a.m. - 11:45 a.m.
Mechanical Drafting-Overview of Solid Works Software
ITC - Room 211
Presenter: Dan Heidelmeyer & Darrel Lampley-Concurrent Technologies Inc.
Facilitator: Charles Knight

PRINTING

Wednesday, July 23, 2003
1:00 p.m. - 2:45 p.m.
Introduction to Digital Camera Terminology
LCN - Room 101
Presenter To Be Determined
Facilitator: Sue Williams and Larry Mullikin

3:00 p.m. - 5:00 p.m.
Using a Digital Camera
LCN - Room 101
Presenter To Be Determined
Facilitator: Sue Williams and Larry Mullikin

Thursday, July 24, 2003
8:00 a.m. - 9:45 a.m.
Banner and Sign Making
LCN - Room 112
Presenter: Sue Williams-Lake Career & Technical Center and Larry Mullikin-Ozarks Technical Center
Facilitator: Sue Williams and Larry Millikin

10:00 a.m. - 11:45 a.m.
Tour of Transport Graphics
1401 E. Trafficway Street
Presenter To Be Determined
Facilitators: Sue Williams and Larry Mullikin
Manufacturing Cluster
Technical Update Sessions

INDUSTRIAL MAINTENANCE

Wednesday, July 23, 2003
1:00 p.m. - 5:00 p.m.
Fluid Power Technology: Improving System Operations
   ITC - Room 102
   Presenter: Ken Strain - John Henry Foster Co.
   Facilitator: Liz Deken

1:00 p.m. - 5:00 p.m.
Introduction to PLC
   ITC - Room 101
   Presenter: Noel Brock - Future Tek Inc.
   Facilitator: Steve Snodgrass

Thursday, July 24, 2003
8:00 a.m. - 9:45 a.m.
(Continued at 10:00 a.m.)
Sizing Feeder and Branch Motor Circuits IAW NEC
   ITC - Room 102
   Presenter: Jerry Mook - Joint Apprenticeship and Training Center
   Facilitator: Kenny Honse

8:00 a.m. - 11:45 a.m.
Advanced PLC Programming
   ITC - Room 101
   Presenter: Noel Brock - Future Tek Inc.
   Facilitator: Steve Snodgrass

10:00 a.m. - 11:45 a.m.
(Continued from 8:00 a.m.)
Sizing Feeder and Branch Motor Circuits IAW NEC
   ITC - Room 102
   Presenter: Jerry Mook - Joint Apprenticeship and Training Center
   Facilitator: Kenny Honse

MACHINE TOOL

Wednesday, July 23, 2003
1:00 p.m. - 5:00 p.m.
Kennametal Carbide Insert Application Parameters
   ITC - Room 108
   Presenter: Gary Morsch - Kennametal Co.
   Facilitator: Dennis Koon

Thursday, July 24, 2003
8:00 a.m. - 9:45 a.m.
(Continued at 10:00 a.m.)
Reverse Engineering Through Laser Scanning
   ITC - Room 108
   Presenter: Don Schultz - Missouri Southern State College
   Facilitator: Steve Wilson

10:00 a.m. - 11:45 a.m.
(Continued from 8:00 a.m.)
Reverse Engineering Through Laser Scanning
   ITC - Room 108
   Presenter: Don Schultz - Missouri Southern State College
   Facilitator: Steve Wilson

WELDING TECHNOLOGY

Wednesday, July 23, 2003
1:00 p.m. - 5:00 p.m.
Tour of Polar Tank Trailer Plant
   Location To Be Determined
   Presenter: Larry LaForge - Polar Tank Trailer Co.
   Facilitator: Lee Caughron

Thursday, July 24, 2003
8:00 a.m. - 11:45 a.m.
Innovation in Welding Technology
   ITTC - Rooms 103 & 104 - Welding Classroom and Lab
   Presenter: Jamie Karpeler - Lincoln Electric
   Facilitator: Steve Gardner
Service Cluster Technical Update Sessions

COMPUTER NETWORKING

Wednesday, July 23, 2003
1:00 p.m. - 5:00 p.m.
(Continued Thursday, July 24, 8:00 a.m.)
Wireless Technologies, Fluke Test Equipment and CISCO Verses Network+
ICEast - Room 123A
Facilitator: Renee Riley

Thursday, July 24, 2003
8:00 a.m. - 11:45 a.m.
(Continued from Wednesday, July 23)
Wireless Technologies, Fluke Test Equipment and CISCO Verses Network+
ICEast - Room 123A
Facilitator: Renee Riley

COSMETOLOGY

Wednesday, July 23, 2003
1:00 p.m. - 5:00 p.m.
(Continued Thursday, July 24, 8:00 a.m.)
Off-Site Demonstration of Permanent Makeup and State Board of Cosmetology State Law Update
Salon of Beauty
1925 E Bennett St
Presenter: Terry Davidson - Salon of Beauty
Facilitators: Janice Hankins and Cheryl Pennel

Thursday, July 24, 2003
8:00 a.m. - 11:45 a.m.
(Continued from Wednesday, July 23)
Off-Site Demonstration of Permanent Makeup and State Board of Cosmetology State Law Update
Salon of Beauty
1925 E Bennett St
Presenter: Terry Davidson - Salon of Beauty
Facilitators: Janice Hankins and Cheryl Pennel

CULINARY ARTS

Wednesday, July 23, 2003
1:00 p.m. - 5:00 p.m.
Developing Effective Assessment
ICWest - Room 215 and 106
Presenter: Dr. Albert Denton - Pittsburg State University
Facilitator: Paul Santaularia

Thursday, July 24, 2003
8:00 a.m. - 11:45 a.m.
Formula for Success
ICWest - Room 215 and 106
Presenter: Chef Timothy Gump, US Foodservice
Facilitator: Paul Santaularia

12:00 noon - 1:30 p.m.
Culinary Arts Business Meeting
Hammons Center - “Tower Club”
Facilitator: Paul Santaularia

ELECTRONICS

Wednesday, July 23, 2003
1:00 p.m. - 5:00 p.m.
Robotics with the Basic Stamp
TEC - Room 104
Presenter: Khris Magri and Aristides Alvarez - Parallax Inc.
Facilitator: Bruce Clemens

1:00 p.m. - 5:00 p.m.
Robotics Training and Application
ITC - Room 221
Presenter: Rick Sharp - Hillyard Tech. Center and Allan Poe - Rixan Corp.
Facilitator: Jim Posey
ELECTRONICS (Continued)

Thursday, July 24, 2003
8:00 a.m. - 11:45 a.m.
(Repeat session)

Robotics with the Basic Stamp
TEC - Room 104
Presenters: Khris Magri and Aristides Alvarez - Parallax Inc.
Facilitator: Bruce Clemens

Robotics Training and Application
ITC - Room 221
Presenters: Rick Sharp - Hillyard Tech. Center and Allan Poe - Rixan Corp.
Facilitator: Jim Posey

1:00 p.m. - 5:00 p.m.
Telecommunications Electronics
ITC - Room 207
Presenter: Patrick Bly - Southwestern Bell Communications
Facilitators: Jim Posey and Kirt Maser

HEATING, VENTILATION, AIR CONDITIONING, AND REFRIGERATION

Wednesday, July 23, 2003
1:00 p.m. - 5:00 p.m.

Educational Training for the 21st Century
LCN - Room 146
Presenter: Mr. McCarty, Director of Training, Local 128 Springfield

Thursday, July 24, 2003
8:00 a.m. - 11:45 a.m.

What's New and Still Being Used in HVAC Valves
LCN - Room 146
Presenter: Russ Barnthouse-Sporlan Co.

INDUSTRIAL ELECTRICAL TECHNOLOGY

Wednesday, July 23, 2003
1:00 p.m. - 5:00 p.m.
(Repeated Thurs., 8:00a.m.)

Using Compare Functions on PLC’s
LCN - Room 141
Presenter: Lowell Shelton
Facilitator: To Be Determined

1:00 p.m. - 5:00 p.m.
(Repeated on Thursday, July 24, 8:00a.m.)

Advanced Motor Drives
Training Trailer - ITC North Parking Lot
Presenter: Dan Griffin
Facilitator: To Be Determined
Limit - 18 per session

Thursday, July 24, 2003
8:00 a.m. - 11:45 a.m.
(Repeat session)

Using Compare Functions on PLC’s
LCN - Room 141
Presenter: Lowell Shelton
Facilitator: To Be Determined

8:00 a.m. - 11:45 a.m.
(Repeat session)

Advanced Motor Drives
Training Trailer - ITC North Parking Lot
Presenter: Dan Griffin
Facilitator: To Be Determined
Limit - 18 per session
PUBLIC SAFETY

Wednesday, July 23, 2003

1:00 p.m. - 5:00 p.m.

Legal Issues, Drugs and Club Scenes
  ITC - Room 219
  Presenter: Officer Kevin Tieman, Cass Career Center

Thursday, July 24, 2003

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

Crisis Management for Missouri Colleges
  ITC - Room 219
  Presenter: Bruce Scott, Mineral Area Community College

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

Crisis Management for Missouri Colleges
  ITC - Room 219
  Presenter: Bruce Scott, Mineral Area Community College
Transportation Cluster
Technical Update Sessions

AUTO COLLISION REPAIR

Wednesday, July 23, 2003
1:00 p.m. - 4:30 p.m.

Tour of Dabryan Coach Builders Plant
4707 East Kearney St.; Springfield
Presenter: Dan Blauvelt - Dabryan Coach Builders
Facilitator: Ronald L. Longnecker

Thursday, July 24, 2003
8:00 a.m. - 11:45 a.m.
(Cont. at 1:00 p.m.)

Off-Site Demonstration of What is New in Performance Coatings
Dupont Paint School - O'Reilly's Training Center - South Campbell St.
Presenter: Thomas (T.J.) Young - Dupont
Facilitator: Ronald L. Longnecker

1:00 p.m. - 5:00 p.m.
(Cont. from 8:00 a.m.)

Off-Site Demonstration of What is New in Performance Coatings
Dupont Paint School - O'Reilly's Training Center - South Campbell St.
Presenter: Thomas (T.J.) Young - Dupont
Facilitator: Ronald L. Longnecker

AUTOMOTIVE TECHNOLOGY

Wednesday, July 23, 2003
1:00 p.m. - 5:00 p.m.

Oil Properties
ITC - Room 119
Presenter: Jack Dennis-D.O.C.
Facilitator: Dennis Perkins

AUTOMOTIVE TECHNOLOGY

(Continued)

Wednesday, July 23, 2003 (Continued)
1:00 p.m. - 5:00 p.m.
(Repeate Thursday July 24, 8:00 a.m.)

Use of Scan Tools
ITC - Room 217
Presenter: Jim Denny - Snap-on Tools Corp.
Facilitator: Dennis Perkins

1:00 p.m. - 5:00 p.m.
(Continued Thursday, July 24, 8:00 a.m.)

Wheel Alignment and Tire Balancing - Lecture and Hands on Demonstrations
ITC - Room 115A
Presenter: Byron Morgan-Hunter
Facilitator: Mike Yount

Thursday, July 24, 2003
8:00 a.m. - 11:45 a.m.
(Repeat from Wednesday, July 23)

Use of Scan Tools
ITC - Room 217
Presenter: Jim Denny - Snap-on Tools Corp.
Facilitator: Dennis Perkins

8:00 a.m. - 11:45 a.m.
(Continued from Wednesday, July 23)

Wheel Alignment and Tire Balancing - Lecture and Hands on Demonstrations
ITC - Room 115A
Presenter: Byron Morgan-Hunter
Facilitator: Mike Yount

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

New Advancements in Electronics
ITC - Room 119
Presenter: Jon Neil-Ford
Facilitator: Mike Yount
Transportation Cluster
Technical Update Sessions (Continued)

**DIESEL**

**Wednesday, July 23, 2003**
1:00 p.m. - 5:00 p.m.

**Using a Blackboard Site**
ITTC - Rooms 111 and 117
Presenter: Dave Dettman, St. Louis Community College
Facilitator: Glenn Marcum

**Thursday, July 24, 2003**
8:00 a.m. - 11:45 a.m.

**Tour of Diesel Engine Exchange**
Location To Be Determined
Presenter: Paula Drecchi-Diesel Engine Exchange
Facilitator: Glenn Marcum

**SMALL GAS ENGINE**

**Wednesday, July 23, 2003**
1:00 p.m. - 5:00 p.m.

**Tour of Hydro Tec Boating Center**
865 W. Enterprise Lane
Springfield
Presenter: Wayne Worthy, President, Hydro Tec Boating Center
Facilitator: Larry Wittrock

**Thursday, July 24, 2003**
8:00 a.m. - 11:45 a.m.

**Tour of Port Arrowhead Marina**
Hwy 160 & Hwy 14
Nixa, MO
Presenter: Rich (General Manager) - Port Arrowhead Marina
Facilitator: Larry Wittrock

1:00 p.m. - 5:00 p.m.

**Tour of SRC Automotive**
Location To Be Determined
Presenter: Bert Ackerman (Manager), SRC Automotive
Facilitator: Larry Wittrock