



presents the

27th Annual

*Emergency & Municipal Apparatus
Maintenance Symposium*

September 23 thru 27, 2019
at the

OHIO FIRE ACADEMY

The Ohio Association of Emergency Vehicle Technicians will present it's 27th Annual Emergency & Municipal Apparatus Maintenance Symposium September 23 thru 27, 2019.

Classes will be conducted at the Ohio Fire Academy 8895 E. Main St. Reynoldsburg, Ohio.

SCHEDULE OF EVENTS

- Sept. 23-Monday **REGISTRATION AND OPENING REMARKS**
Registration 7:00 to 8:30 and Opening Remarks at 8:30

- Sept. 23 thru 27 **PRESENTATION OF CLASSES**
Monday - Friday Class Instruction starts at 9 AM
Monday - Thursday, class ends at 4 PM. Friday, class ends at noon.

- Sept. 24-Tuesday **WELDON / AKRON BRASS SHOW & BBQ**
Fun location TBA. Dinner and transportation provided.

- Sept. 25-Wednesday **OAEVT ANNUAL BANQUET AND AWARDS CEREMONY**
Held at the Tall Timbers Banquet Center 13831 St Rt 40, Reynoldsburg, OH 43068.
Social time: 5:30 PM, Meal 6:00 PM
Advanced reservations are required. See Tuition Information.

- Sept. 25-Wednesday **OAEVT ANNUAL MEETING**
Held at the Tall Timbers Banquet Center 13831 St Rt 40, Reynoldsburg, OH 43068,
following the banquet and awards ceremony. Starting time 7:00 PM.
Admission is free to OAEVT members not attending the banquet.

- Sept. 26-Thursday **EMERGENCY VEHICLE TECHNICIAN CERTIFICATION TESTING**
Sept. 27-Friday **Ohio Fire Academy. Time: 4:00 PM Thursday, 8:00 AM Friday.**
Applicants must have preregistered and paid the required fees to the
EVT Certification Commission prior to testing. Registration deadline,
September 5, 2019. EVT Cert. Comm, P.O. Box 894, Dundee, IL 60118, 847-426-4075
Testing is not required to attend the symposium.

LODGING

Students are responsible for their own lodging. However, a group of rooms have been blocked at the Best Western Executive Suites 1899 Winderly Lane, Pickerington, OH 43147. Phone 614-860-9804. Confirmation # 1737 OAEVT, with a special rate of \$72.00 per night for all style rooms, which includes a full breakfast bar. Ohio Fire Academy also has hotel style rooms available 1-888-726-7731
Hampton Inn – East 1890 Winderly Lane, Pickerington, OH, OAEVT Group pricing, 614-864-8383
Comfort Inn – 1800 Hill Rd N Winderly Lane, Pickerington, OH, OAEVT Group pricing, 614-575-9900
Fairfield Inn & Suites – 2826 Taylor Rd Ext Reynoldsburg, 614-864-4555
Holiday Inn – 2806 Taylor Rd Ext Reynoldsburg, 614-861-8888



ATTENDEE REGISTRATION FORM

2019 OHIO ASSOCIATION OF EMERGENCY VEHICLE TECHNICIANS EMERGENCY & MUNICIPAL APPARATUS MAINTENANCE SYMPOSIUM

NOTE: PLEASE PRINT or TYPE all information. This form must be filled out completely or it will be returned to you. DEADLINE for registration is September 13, 2019. All late registrations after 9-13-19 will be required to pay a fee of \$25 per day/class or \$125 total for the week. Full registration refund prior to 8-23-19. 50% refund prior to 9-7-18. No refund after 9-6-19.

Name _____

Preferred Address _____

City _____ State _____ Zip _____

Cell Phone () _____ Work Phone () _____

E-mail _____

Fire Dept./ Agency / Company _____

Address _____ Zip _____

Do you plan to attend Wednesday night Banquet? () Yes () No

Tee-Shirt Size _____

REGISTRATION

Carefully fill out the registration form and send it along with full tuition or payment verification: (for example purchase order number from your employer). Electronic payment (with processing fee) available online at oaevt.org/training-symposium.

Scan and email completed registration to pguhde@aol.com or by mail,

**Ohio Association of Emergency Vehicle Technicians, Inc.
P.O. Box 303 • Avon, Ohio 44011**

Use class selection number — PLEASE indicate second choice!

	Monday	Tuesday	Wednesday	Thursday	Friday
First Choice					
Second Choice					

Form may be photocopied as needed.

TUITION INFORMATION

REGISTRATION CLOSSES SEPTEMBER 13, 2019

Late registration rate will be required. \$25 per day/class.

FULL PACKAGE

Includes the 5 day symposium, daily lunch, and the Wednesday night Banquet:

\$425.00 _____

Daily Rate - Any Class..... \$150.00 _____

The Wednesday Night Banquet-

ADDITIONAL TICKETS \$39.00 _____

TOTAL ENCLOSED _____

Late Registration after 9-13-19 Full Week..... \$125.00 _____

Per Day/Class..... \$25.00 _____

TOTAL INCLUDING LATE REGISTRATION _____

Send registration form along with full tuition or payment verification:

(for example, purchase order number from your employer)

Electronic payment (with processing fee) available online at oaevt.org/training-symposium.

Registration: Monday 7:00 AM to 8:30 AM Welcome & Opening Remarks: 8:30 AM

Class Times: Classes are Monday thru Thursday from 9 AM to 4 PM, with one hour for lunch and two 15 minute breaks. Friday 9 AM - 12 PM

Lunch will be in the Ohio Fire Academy cafeteria. Meal tickets will be issued to each student. Some classes are limited in size due to hands-on training. Register early, classes will be filled on a first come, first served basis.

Class registrations must be postmarked by September 13, 2019. Electronic or scanned registrations are encouraged; send to pguhde@aol.com.

Certificates of attendance will be awarded upon payment of all fees and verification of attendance.

Students are responsible for providing suitable personal protective equipment, i.e., eye protection, hearing protection, as may be needed for the hands-on portion of any class.

O.A.E.V.T. reserves the right to cancel or substitute classes due to conditions beyond our control. Reasonable efforts have been made to confirm the classes and instructors scheduled.

Please call Pat Guhde (440) 476-8707 or E-mail at pguhde@AOL.com

- Class 050 Stryker Power Cot and Power Load** **3 Hrs.**
 This class will go over the Stryker EMS product line on proper installation, use, cleaning and maintenance, and repairs. The products will include cot, power load, stair chairs and other EMS products. Class will focus on the power cot product and include installation, disassembly, assembly, regular maintenance and repairs for the widely popular Power Load Product
Instructor: Sean Hall, Allyson Wright, Stryker Medical
- Class 051 Oil, Fuel, Antifreeze Clinic** **3 Hrs.**
 This segment will touch on the hot topics listed above including the antifreeze mystery and the old vs new extended antifreeze. Ed will then go into the oil of today and the dynamic of increased heat from the new EPA complaint engines. The class will also go into oil analysis.
Instructor: Ed McGowan, 1st Choice Energy Services
- Class 052 Akron Brass Valve ID, Maintenance and Repairs** **3 Hrs.**
 This class will go over the cleaning, maintenance, Identification, and repair of Akron Brass valves and other Appliances. Class will include lecture and hands on some specific common nozzles used today. Class also will go over valve identification for rebuilding ball valves.
Instructor: Justin Yoder & Jeff Benson, Akron Brass Company
- Class 053 Kussmaul Electronics Troubleshooting** **3 Hrs.**
 This class will review basic electric and chassis electrical troubleshooting. Also included in this class is the troubleshooting and repair of the Kussmaul Electronic Products. This class is a shortened version of the standard full class.
Instructor: Phil Sgroi Kussmaul Electronics
- Class 100 EVT Prep Class for F-3 Fire Pumps and Accessories - Monday** **6 Hrs.**
- Class 122 EVT Prep Class for F-3 Fire Pumps and Accessories - Thursday** **6 Hrs.**
 Class reviews the objectives for the technician to understand the general design, performance and testing standards for pumper apparatus, per the NFPA 1901 & 1911. The technician will understand the hydraulic principles of water movement in pumping operations, learn the terms that relate to the basic hydraulic principles used in the fire service, understand the mechanical principles of pumps, pump controls and accessories during pumping operations, understanding the procedures necessary to overhaul a fire pump and the procedures of performing a pump service test. (Textbooks Recommended: NFPA 1901, NFPA 1911, NFPA 1915, Standards for Fire Apparatus Preventative Maintenance Program, IFSTA Pumping Apparatus Driver/Handbook, second edition. Note; Student Must be Pre-Registered with the EVTCC to take test on 9-26-19 or 9-27-19
Instructor: Allen Hammill, Hale Products Inc.
- Class 101 Disc & Drum Air Brake Maintenance and Repair - Monday** **6 Hrs.**
- Class 123 Disc & Drum Air Brake Maintenance and Repair - Thursday** **6 Hrs.**
 This class will cover air brake theory and proper set –up to enable the technician to understand the air brake system and properly troubleshoot and repair them. John will focus on the Air Drum and Air Disc systems and will have hands on demonstration stands for students to work on.
Instructor: John Merrifield, Spartan Chassis
- Class 102 Electrical Troubleshooting E - 100** **6 Hrs.**
 This class is designed to instruct technicians on the repair and maintenance of Basic Electrical Systems. The class will start at the basics with power and ground and work up from there. Class includes lecture, demonstration, and hands- on instruction. Students must have this class to be eligible for E-200 or -E300
Instructor: Mike O'Neil, Spartan Chassis
- Class 103 EVT Objective Review E-1 Design & Performance Standards of Ambulances** **6 Hrs.**
 This class reviews the objectives for the general design and performance standards for ambulances as described in NFPA 1917, Standard for Automotive Ambulances, and general principles of preventive maintenance and servicing. . Note; Student Must be Pre-Registered with the EVTCC to take test on 9-26-19 and/or 9-27-19
Instructor: Kenny Stevens, EVTS – Emergency Vehicle Technical Support Inc.
- Class 104 Tires & Wheel Clinic - Monday** **6 Hrs.**
- Class 111 Tires & Wheel Clinic - Tuesday** **6 Hrs.**
 This class will go over the tire behavior handling and wear. Instructor will go over tire nomenclature, loads vs. tire pressures, tire life, OOS criteria, and the application of treads and emergency service effects. TJ is the tire guy. Don't miss this
Instructor: T. J. Tennent, The Tyreguy
- Class 105 Fire Pump Familiarization - Monday** **6 Hrs.**
- Class 125 Fire Pump Familiarization - Thursday** **6 Hrs.**
 This class is designed for the technician to familiarize and understand Fire Pump operations and all the components of Fire Pump operation as used by the Firefighter. The class will enable practical evolutions to enable the technician to fully understand the common practices used at fire scenes and theory to back it up which will help identify problems or find specific problems or repairs when faced with them. Perfect class for the Technician that wants to know why all those chrome gauges, handles and labels. This one day class repeated twice 105 on Monday and 125 on Thursday
Instructor: Dave Woodward, Retired Violet Township Fire
- Class 106 Cummins Engines ISB, ISC, ISL Maintenance and common failures - Monday** **6 Hrs.**
- Class 120 Cummins Engines ISB, ISC, ISL Maintenance and common failures - Wednesday** **6 Hrs.**
 This class will cover the Cummins product line from years back to current production to include the 5.9, 8.3, and the big block family. Live engine troubleshooting and the regeneration aftertreatment process will be discussed This technical trainer comes from Cummins Bridgeway Columbus branch and needless to say he has seen a bunch. Don't miss this. Class Repeated, Monday and Wednesday
Instructor: Ron Heitman, Cummins Bridgeway
- Class 107 Hydraulic Principles and Theory – Smart Power Generators** **6 Hrs.**
 This class taught a senior trainer and manager in the field of hydraulic generators. Class will cover the hydraulic principles and theories and then get into the care and maintenance and proper installation of the smart power products. The instructor's will also offer some common troubleshooting and repair procedures.
Instructor: Jordan Rautiola & Scott Jones, Smart Power
- Class 108 Spartan Air Conditioning Maintenance and Repair** **6 Hrs.**
 This class taught by John should say it all, but he will go over in the classroom basics and theory first and then move to the demo to do some hands on. Class will include maintenance, troubleshooting and repair of the air conditioning systems in fire apparatus.
Instructor: John Merrifield, Spartan Chassis
- Class 109 Electrical Troubleshooting by Spartan E-200** **6 Hrs.**
 This class is designed to instruct technicians on the repair and maintenance of Electrical Systems. The class will continue to test your basic knowledge with power and ground and work up to become an Intermediate electrical troubleshooter. Class includes lecture, demonstration, and hands- on instruction. Student must have had or shall take E-100 prior to being in this class
Instructor: Mike O'Neil, Spartan Chassis
- Class 110 EVT Objective Review Class, E- 2 Ambulance Electrical Systems** **6 Hrs.**
 This class reviews the objectives for the technician to understand The EVTCC E-2 exam which covers the basic design and performance requirements of ambulance electrical systems, components of electrical systems, and preventive maintenance and troubleshooting activities.

KKK-A-1822E Federal Spec for the Star-of Life Ambulance, Heavy Duty Manual by Interstate Battery, Auto Electricity & Electronic Technology, Any Heavy Duty Truck Electrical Manual & Fire Dept. Pumping Apparatus Maintenance.

Note; Student Must be Pre-Registered with the EVTCC to take test on 9-26-19 & 9-27-19

Instructor: Kenny Stevens, EVTS – Emergency Vehicle Technical Support Inc.

Class 112 Tuesday 120 Volt Line Voltage AC Elec. Theory and Generator Power on Vehicles 6 Hrs.

This class will start out with 120 volt AC theory and actually the power plant. This class was originally designed for Firefighter safety and awareness, Mike will take you from the power plant, transmission lines to the household outlet and then continue on to the vehicle mounted generators and you will also see some material for the EVT F – 4A test. Mike will discuss safety for generator installations, wire sizing and any additional 120 volt power needs that you may planning.

Instructor: Mike Santilli, Fire House Electrical

Class 113 International Engine Maintenance and After Treatment - Tuesday 6 Hrs.

Class 129 International Engine Maintenance and After Treatment - Thursday 6 Hrs.

This class will cover the Diamond Logic and ISIS systems used by International Truck to diagnose and repair the engine and chassis systems. Joel will present material for the DT and V8 Engine product line as well as maintenance tips and tricks for the exhaust after treatment systems. Class repeated Tuesday & Thursday

Instructor: Joel Crist & Tim White, International Truck – Rush International

Class 114 GM Multiplex & Aftertreatment Troubleshooting 6 Hrs.

This class is designed to instruct technicians on the maintenance, troubleshooting and repair of the GM Multiplex Electrical Systems during the first part of the class and then transition into the Diesel Emissions and Exhaust Aftertreatment the GM Duramax product line.

Instructor: Adam Burandt, & James Hoopes, General Motors

Class 115 EVT Objective Review E-0 & F-1 Maintenance, Inspection, and Testing of Ambulances & Fire Trucks 6 Hrs.

This class reviews the objectives the Maintenance, Inspection, and Testing of Ambulances and F-1 Fire Trucks as covered in KKK-A-A822 Federal Specification for the Star of Life Ambulance, Meritor Preventive Maintenance and Lubrication, and NFPA 1911, Standard for the Inspection, Maintenance, Testing and Retirement of In-Service Fire Apparatus. Note; Student Must be Pre-Registered with the EVTCC to take test on 9-26-19 and/or 9-27-19

Instructor: John Merrifield, Spartan Chassis

Class 116 Sutphen Custom Pumper Maintenance 6 Hrs.

This class will cover the recommended maintenance practices specifically for the Sutphen product. Class will consist of classroom and an actual truck for hands-on.

Instructor: John Taylor, Sutphen Corporation, JR Garrison Sutphen Corporation

Class 117 Electrical Troubleshooting E-300 6 Hrs.

This day class is designed to instruct the technician on the repairs and maintenance of Fire Apparatus Electrical Equipment. Class will not review E-100 or E-200 rather build off them, Student must have had or shall take E-100 and E-200 prior to being in this class. Class includes lecture, demonstration, and hands-on instruction. The Weldon Multiplex system will be included in the segment.

Instructor: Mike O'Neil, Spartan Chassis

Class 118 EVT Prep E-3 Ambulance HVAC 6 Hrs.

This class will review the objectives that covers basic design, requirements and components of these systems.

Note; Student Must be Pre-Registered with the EVTCC to take test on 9-26-19 and/or 9-27-19

Instructor: Kenny Stevens, EVTS – Emergency Vehicle Technical Support Inc.

Class 119 Gates Belt & Coolant Clinic - Wednesday 6 Hrs.

Class 128 Gates Belt & Coolant Clinic - Thursday 6 Hrs.

This class will go over belt type, application, wear factors and everything you ever wanted to know about belts, pulleys, alignment, and slippage. Antifreeze has been the hot topic and the instructor will also discuss the facts and myths of the antifreeze situation to include Coolant System Maintenance. Bobby is the best is the business and you won't want to miss this class. He will cover it all! Class is one day repeated twice

Instructor: Robert Bassett, Gates Corporation

Class 121 GM Duramax Engine & Starting -Charging Troubleshooting 6 Hrs.

This class is designed to instruct technicians on the maintenance, troubleshooting and repair of the GM Duramax product line during the first part of the class and then transition into the Starting & Charging System Diagnosis for the GM product line.

Instructor: Adam Burandt, & James Hoopes, General Motors

Class 124 Advance Electrical / Multiplexing By Weldon 6 Hrs.

This class is designed to instruct technicians on the repair and maintenance of V-Mux Electrical Systems. The class will start at the basics with power and ground and work up from there. Class includes lecture, demonstration, and hands- on instruction.

Instructor: Jeff Dilgren, Weldon – Akron Brass

Class 126 Data Link Diagnostics, Code Reading via gauges, DVM 6 Hrs.

This class is designed to instruct the participant on how to extract information from the fire truck electronics used the above methods. Mike knows his way around the truck and will help you use the trucks technology to help diagnose issues that you have. Bring your electronic tools and he will also be able to show you how to use them.

Instructor; Mike O'Neil, Spartan Chassis

Class 127 EVT Objective Review E-4 Ambulance Cab, Chassis, & Power Train 6 Hrs.

This class reviews the objectives for basic design, requirements and components of these system sand which are unique to Ambulances, Cab Chassis and Powertrain. Note; Student Must be Pre-Registered with the EVTCC to take test on 9-26-19 and/or 9-27-19

Instructor: Kenny Stevens, EVTS – Emergency Vehicle Technical Support Inc.

Class 130 Kussmaul Electronics Troubleshooting 6 Hrs.

This class will review basic electric and chassis electrical troubleshooting. Also included in this class is the troubleshooting and repair of the Kussmaul Electronic Products.

Instructor: Phil Sgroi, Kussmaul Electronics

Class 200 Pump Repair & Maintenance by Hale (Tuesday - Wednesday) 12 Hrs.

This two (2) day class covers the care, operation and maintenance of the Hale mid-ship pump, using actual training pump components, the gearbox, impeller assembly and all valves normally supplied with the pump will be removed, explained, examined and re-assembled. Components will be Hale specific, and class will be a terrific refresher or can be used as a prep class.

Instructor: Allen Hammill, Hale Products Inc.

Class 300 EVT Objective Review Class, F - 6 Allison Automatic Transmissions (Monday, Tuesday & Wednesday) 18 Hrs.

This class reviews the objectives for the technician to understand The EVTCC F – 6 exam which covers the basic design and performance requirements of Allison Automatic transmissions, components of electrical systems, and preventive maintenance and troubleshooting activities.

Required text, NFPA 1911, Allison Publications, Mechanics tips booklets and Operators Manuals. Note; Student Must be Pre-Registered with the EVTCC to take test on 9-26-19 & 9-27-19

Instructor: Al Conkle, Executive Director

Class 400 EVT Objective Review F – 5 Aerial Apparatus (Monday & Tuesday) 12 Hrs.

This class reviews the objectives for the technician to understand the EVTCC F – 5. This should assist the technician to further understand, and add to the students knowledge and experience to understand the learning objectives of Aerial Fire Apparatus. Textbook Recommended NFPA 1901, NFPA 1911. This is a two-day class Note; Student Must be Pre-Registered with the EVTCC to take test on 9-26-19 or 9-27-19

Instructor: John Taylor, & Jerimiah Garrison JR., Sutphen Corporation

Class 500 Fundamental Electrical Troubleshooting (Monday & Tuesday) 12 Hrs.

This two (2) day class repeated twice has a student limit of 12 and will cover the book authored by Dan. He will take the electrical beast and slaughter it. Dan's fun way of learning this practice is apparent throughout the book and he will be live and in person to deliver the facts, myths and explain electricity for the mechanic. Any electrical engineers in the audience will not be allowed. Sign up now.

Instructor: Dan Sullivan, Author Fundamental Electrical Troubleshooting

Class 600 Fundamental Electrical Troubleshooting (Wednesday & Thursday) 12 Hrs.

This two (2) day class repeated twice has a student limit of 12 and will cover the book authored by Dan. He will take the electrical beast and slaughter it. Dan's fun way of learning this practice is apparent throughout the book and he will be live and in person to deliver the facts, myths and explain electricity for the mechanic. Any electrical engineers in the audience will not be allowed. Sign up now.

Instructor: Dan Sullivan, Author Fundamental Electrical Troubleshooting

Class 700 EVT Objective Review F-2 Design & Performance of Fire Apparatus (Wednesday & Thursday) 12 Hrs.

This two (2) day class will review the objectives for F-2 Design & Performance for the standards for fire apparatus as described in NFPA 1901, Standard for Automotive Fire Apparatus, and in NFPA 1911, Standard for the Inspection, Maintenance, Testing, and Retirement of In-Service Automotive Fire Apparatus. Student should have NFPA 1901 and Pumping Apparatus Driver/Operator Handbook in their possession for the class Note; Student Must be Pre-Registered with the EVTCC to take test on 9-26-19 & 9-27-19

Instructor: Mike Santilli, Fire House Electrical

OAEVT MAINTENANCE SYMPOSIUM SCHEDULE • SEPTEMBER 23 THROUGH 27

MONDAY 9-23	TUESDAY 9-24	WEDNESDAY 9-25	THURSDAY 9-26	FRIDAY 9-27
EVT Objective Review F-3 Fire Pump 100	Fire Pump Maint & Repairs by Hale 200 <i>Day 1 of 2</i>	Fire Pump Maint & Repairs by Hale 200 <i>Day 2 of 2</i>	EVT Objective Review F-3 Fire Pump 122	Stryker EMS Power Cot and Load System 050
Disc & Drum Brakes - Maint & Troubleshooting 101	Air Conditioning Maint. & Repair by Spartan 108	EVT Objective Review F-1 & E-0 Maint & Inspection 115	Disc & Drum Brakes - Maint & Troubleshooting 123	Oil, Coolant & Fuel Clinic 051
EVT Objective Review F-6 Allison Trans 300 <i>Day 1 of 3</i>	EVT Objective Review F-6 Allison Trans 300 <i>Day 2 of 3</i>	EVT Objective Review F-6 Allison Trans 300 <i>Day 3 of 3</i>	Weldon Multiplex Electrical Troubleshooting 124	Akron Brass Nozzle, Valve ID and Repairs 052
Sutphen Aerial Maint F-5 Objective Review 400 <i>Day 1 of 2</i>	Sutphen Aerial Maint F-5 Objective Review 400 <i>Day 2 of 2</i>	Sutphen Custom Pumper Chassis Maint. 116	Fire Pump Familiarization 125	Kussmaul Battery Conditioners and Pumps 053
Electrical Troubleshooting E - 100 By Spartan 102	Electrical Troubleshooting E - 200 By Spartan 109	Electrical Troubleshooting E - 300 By Spartan 117	Data Link Diagnostics Electrical Accessory Installation 126	
EVT Objective Review E-1 Design & Performance 103	EVT Objective Review E-2 Ambulance Electrical 110	EVT Objective Review E-3 HVAC & Ventilation 118	EVT Objective Review E-4 Cab, Chassis, Power Train 127	
Tire & Wheel Clinic 104	Tire & Wheel Clinic 111	Gates Belt & Coolant Clinic 119	Gates Belt & Coolant Clinic 128	
Fundamental Electrical Troubleshooting 500 <i>Day 1 of 2</i>	Fundamental Electrical Troubleshooting 500 <i>Day 2 of 2</i>	Fundamental Electrical Troubleshooting 600 <i>Day 1 of 2</i>	Fundamental Electrical Troubleshooting 600 <i>Day 2 of 2</i>	
Fire Pump Familiarization 105	120V Line Voltage Electrical & Generator power on Apparatus 112	EVT Objective Review F-2 Design & Perform 700 <i>Day 1 of 2</i>	EVT Objective Review F-2 Design & Perform 700 <i>Day 2 of 2</i>	
Cummins ISB,ISC,ISL Maintenance 106	International Engine Maint. & After Treatment 113	Cummins ISB,ISC,ISL Maintenance 120	International Engine Maint. & after Treatment 129	
Hydraulic Principles and Generators 107	GM Multiplex & Aftertreatment Troubleshooting 114	GM Duramax, Starting & Charging Troubleshooting 121	Kussmaul Battery Conditioners and Pumps 130	
	Weldon / Akron Brass Show & BBQ 4:30 - 9:30 PM Fun Location TBA	Annual Banquet & Meeting Tall Timbers 5:30 - 9:00 PM Tall Timbers	EVT Testing OFA 4:00 PM Room 1040 A,B,C	EVT Testing OFA 8:00 AM Room 2310

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Avon, Ohio 44011

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