



presents the

*34th Annual
Emergency & Municipal Apparatus
Maintenance Symposium*

September 21 thru 25, 2026
at the

OHIO FIRE ACADEMY

Check online for updates to this schedule: oavt.org

The Ohio Association of Emergency Vehicle Technicians will present it's 34th Annual Emergency & Municipal Apparatus Maintenance Symposium September 21 thru 25, 2026. Classes will be conducted at the Ohio Fire Academy 8895 E. Main St. Reynoldsburg, Ohio.

SCHEDULE OF EVENTS

- Sept. 21 Monday** **REGISTRATION AND OPENING REMARKS**
 Registration starts at 7:00 AM and Opening Remarks will begin promptly at 8:30 AM.

EMERGENCY VEHICLE TECHNICIAN CERTIFICATION TESTING
OHIO FIRE ACADEMY. TIME 4:00 PM
 Applicants must have preregistered and paid the required fees to the EVT Certification Commission prior to testing. Registration deadline is September 1, 2026. Go to www.evtcc.org or call 847-426-4075 for more information, registration forms, or electronic registration. Testing is not required to attend the symposium.
- Sept. 21 thru 25** **PRESENTATION OF CLASSES**
 Class Instruction runs Monday - Thursday, 9:00 AM to 4:00 PM. Friday, 9:00 AM to noon.
- Sept. 23 Wednesday** **OAEVT ANNUAL MEETING**
 Dinner and Meeting @ The Ohio Fire Academy. OAEVT Annual Meeting to begin at 4:00 PM with EVT of the Year Award Presentation followed by dinner at 5:30 PM
- Sept. 24 Thursday** **EMERGENCY VEHICLE TECHNICIAN CERTIFICATION TESTING**
OHIO FIRE ACADEMY. TIME 4:00 PM
 Applicants must have preregistered and paid the required fees to the EVT Certification Commission prior to testing. Registration deadline is September 1, 2026. Go to www.evtcc.org or call 847-426-4075 for more information, registration forms, or electronic registration. Testing is not required to attend the symposium.

LODGING

- 1. The Holiday Inn & Suites** 2806 Taylor Rd Extension, Pickerington, OH 43147. Confirmation OAEVT 2026, with a special rate of \$107 – \$114 per night, which includes a full breakfast bar. 614-861-8888
- 2. Fairfield by Marriott Inn & Suites** 2826 Taylor Rd Extension, Pickerington, OH 43147 Confirmation 2026, OAEVT, with a special rate of \$109 per night, which includes a full breakfast bar. 614-864-4555
- 3. Comfort Inn** 1800 Hill Rd N, Pickerington, OH, \$100 per night for all style rooms. Deadline for reservations is September 7, 2026. 614-575-9900
- 4. Home2 Suites by Hilton** 2426 Taylor Square Dr, Reynoldsburg, Ohio 43068, with a special rate of \$175 per night for all suite rooms, which includes a full breakfast bar. 614-328-9010
- 5. Hampton Inn** East 1890 Winderly Lane, Pickerington, OH, \$125 per night, 614-864-8383
- 6. Country Inn and Suites** 1899 Winderly Lane, Pickerington, OH \$99 per night 614-860-9804

Holiday Inn



Fairfield



Comfort Inn



Home2 Suites



ATTENDEE REGISTRATION FORM

2026 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 11, 2026. All late registrations after 9-11-26 will be required to pay a fee of \$40 per day/class or \$200 total for the week. Full registration refund prior to 8-20-26. 50% refund on or before 8-31-26. No refund after 8-31-26.

Name _____

Preferred Address _____

City _____ State _____ Zip _____

Cell Phone () _____ Work Phone () _____

E-mail _____

Fire Dept./ Agency / Company _____

Tee-Shirt Size _____

I plan to attend the
Wednesday Pizza and
Wing party at 4:30 PM.

This is my first
time attending
the Symposium.

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 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

	Monday	Tuesday	Wednesday	Thursday	Friday
Class Choice					

Form may be photocopied as needed.

TUITION INFORMATION

REGISTRATION CLOSING SEPTEMBER 11, 2026

Late registration rate will be required. \$40 per day/class; \$200 total for the week.

FULL PACKAGE

Includes the 5 day symposium and daily lunch.....\$695.00 _____

Daily Rate - Any Class.....\$235.00 _____

TOTAL ENCLOSED _____

Late Registration after 9-11-26 Full Week\$200.00 _____

Per Day/Class.....\$40.00 _____

TOTAL INCLUDING LATE REGISTRATION _____

*Send registration form along with full tuition or payment verification:
(for example, purchase order number from your employer)
Electronic payment 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 11, 2026. 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 DESCRIPTIONS

- Class 050 Willburt Light Towers and Electrical Training** **3 Hrs**
This class will cover the product specific Willburt Light Product, but will include 12 Volt Electrical and 120 Volt Electrical theory and troubleshooting to successfully maintain, troubleshoot, and repair the product in the field. The instructor will have a live training prop to get some hands-on and complete explanation of how these systems are designed to work.
Instructor: Kevin Lenart, Willburt Company
- Class 051 ROM Roll-Up Door** **3 Hrs**
The class will cover the ROM Roll-Up Door product to include common installation pitfalls, maintenance, troubleshooting, and repairs of the product. Switches and the various switches used by the different manufacturers, to include troubleshooting tricks and repair for the product line.
Instructor: Marcus Allen, ROM Corp - Safe Fleet Group
- Class 052 Ford Medium Duty Brakes Theory and Operation** **3 Hrs**
This class will be taught by a Ford trainer sponsored by The Classic Auto Group and will describe the component, operation, and diagnostics of the Ford Medium Duty truck brake systems.
Instructor: Classic Auto Group Trainer
- Class 053 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 and valves used today. Class also will go over valve identification for rebuilding ball valves.
Instructor: Akron Brass Corporation
- Class 100 Waterous Pump Repair & Maintenance (Monday - Tuesday) 2 Day Class** **12 Hrs**
This 2 day class covers the care, operation and maintenance of the Waterous mid-ship pump, using an actual training pump, the gearbox, impeller assembly and all valves normally supplied with the pump will be removed, explained, examined and re-assembled. Chris will discuss the care and maintenance of the CAFS product time permitting. This class has EVT F-3 objectives discussed throughout the course, don't miss this class.
Instructor: Christian Wandmacher, Waterous Corporation
- Class 200 Waterous Pump Repair & Maintenance (Wednesday - Thursday) 2 Day Class** **12 Hrs**
This 2 day class covers the care, operation and maintenance of the Waterous mid-ship pump, using an actual training pump, the gearbox, impeller assembly and all valves normally supplied with the pump will be removed, explained, examined and re-assembled. Chris will discuss the care and maintenance of the CAFS product time permitting. This class has EVT F-3 objectives discussed throughout the course, don't miss this course.
Instructor: Christian Wandmacher, Waterous Corporation
- Class 101 EVT Objective Review 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.
Instructor: Kenny Stevens, EVTS – Emergency Vehicle Technical Support Inc.
- Class 300 EVT Prep F-2 Design and Performance Standards of Fire Apparatus (Monday - Tuesday) 2 Day Class** **12 Hrs**
This 2 day class is designed for the student to really understand the requirements of the F-2 material which covers the standards for fire apparatus as described in NFPA 1900: Standard for Aircraft Rescue and Firefighting Vehicles, Automotive Fire Apparatus, Wildland Fire Apparatus, and Automotive Ambulances (NFPA 1901 Chapters).
Instructor: Rob Burley, EVTS – Emergency Vehicle Technical Support Inc.
- Class 102 Cummins Engines ISB, ISC, ISL Maintenance and Common Failures (Monday)** **6 Hrs**
Class 108 Cummins Engines ISB, ISC, ISL Maintenance and Common Failures (Tuesday) **6 Hrs**
Class 121 Cummins Engines ISB, ISC, ISL Maintenance and Common Failures (Thursday) **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, Tuesday and Thursday.
Instructors: Seth Romine, Stephen Creech & Andrew Katulak, Cummins Bridgeway
- Class 103 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.
Instructors: Janelle Kizer, Brian Teach & Jamie Dodane, Sutphen Corporation
- Class 400 EVT Prep F-5 Aerial Fire Apparatus (Monday - Tuesday) 2 Day Class** **12 Hrs**
Class 600 EVT Prep F-5 Aerial Fire Apparatus (Wednesday - Thursday) 2 Day Class **12 Hrs**
This 2 day class covers the standards as described in NFPA 1900: Standard for Aircraft Rescue and Firefighting Vehicles, Automotive Fire Apparatus, Wildland Fire Apparatus, and Automotive Ambulances (NFPA 1901 Chapters) and NFPA 1910: Standard for the Inspection, Maintenance, Refurbishment, Testing and Retirement of In-Service Emergency Vehicles and Marine Firefighting Vessels (NFPA 1911 Chapters). Please note that this test draws from the 2024 editions.
Instructor: John Taylor, Heritage Fire Equipment / Sutphen
- Class 104 Identifying Engine Mechanical Failures Using Electronic Methods (Monday)** **6 Hrs**
Class 123 Identifying Engine Mechanical Failures Using Electronic Methods (Thursday) **6 Hrs**
In this session we will demonstrate how to determine if a gas or diesel engine has a mechanical concern or not without any disassembly including removing any spark plugs, injectors or glow plugs in many cases. In extremely short order, we can determine if and what cylinder(s) have sealing and breathing issues along with identifying potential causes. Chris will discuss Pico Technologies tooling, techniques, and diagnostic strategies during a few case studies. We will also demonstrate the tooling and techniques on vehicles.
Instructor: Chris Hamann, Lakeland Auto & Marine
- Class 105 Fire Pump Familiarization (Monday)** **6 Hrs**
Class 124 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 124 on Thursday.
Instructor: Dave Woodward, Retired, Violet Township Fire

Class 106 Advanced Driver Assistance Devices & GM Hybrid 6 Hrs

This seminar will provide technicians with the diagnostic techniques and strategies required to diagnose Advanced Driver Assistance systems i.e. blind spot, backup sensors & Hybrid and EV vehicles, and help understand how to diagnose multiplex networks. Setup procedures for all related modules will be reviewed. This course will include simulated diagnostic exercises to apply the principles learned.

Instructor: Robert Roth, Raytheon

Class 700 EVT Objective Review F-6 Allison Automatic Transmission (Monday - Tuesday) 2 Day Class 12 Hrs

In this 2 day class, the Allison program is geared to prepare participants to take the EVT F-6 Test. Transmission types covered: HT700 Series (4th range lockup Fire Truck Pump Mode only), 3000 and 4000 Series, plus brief overview of 1000/2000 series. The Allison EVT F-6 action packed program will include the following Objective areas: Operating Principles, Preventive Maintenance Support, Troubleshooting Procedures, Electronic Controls (brief introduction), Output Retarder (brief introduction), and Reference Material. Please come prepared for the test and utilize this program to enhance your understanding of the objective areas.

Note: Student must preregister with EVTCC for testing.

Instructor: Marge Washburn, Allison Transmission Trainer - Retired

Class 107 EVT Objective Review Class, E-2 & F-4 Amb. & Fire Truck 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. And the EVTCC F-4 Fire Truck Electrical, Any Heavy Duty Truck Electrical Manual & Fire Dept. Pumping Apparatus Maintenance.

Note: Student Must be Pre-Registered with the EVTCC to take test.

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

Class 500 Sutphen Aerial Maintenance Multiplex Systems (Tuesday - Wednesday) 2 Day Class 12 Hrs

This 2 day class will cover the recommended maintenance practices specifically for the Sutphen Aerial product to include the multiplex portion of the outrigger interlock systems. Class will consist of classroom and an actual truck for hands-on.

Instructors: Janelle Kizer, Brian Teach & Jamie Dodane, Sutphen Corporation

Class 109 Advanced Engine Mechanical Failures Using Electronic Methods 6 Hrs

This session will expand on PicoScope 7 capabilities. Learn how to set up PicoScope 7 to diagnose ignition systems, fuel systems, current ramping, CAN Data bus, and parasitic draw. We will also discuss techniques for setting up PicoScope to capture intermittents, cut outs, and stalls. Learn to verify "work got done" without much disassembly or unnecessary parts replacement. We will discuss case studies on multiple broken vehicles. At the end of the day we'll spend time with some hands-on demonstrating the techniques shown in class.

Instructor: Chris Hamann, Lakeland Auto & Marine

Class 110 EVT Objective Review DO-1 Driver Operator Inspection (Tuesday) 6 Hrs

Class 116 EVT Objective Review DO-1 Driver Operator Inspection (Wednesday) 6 Hrs

This 2 day class will cover the knowledge of the Driver Operator to do a daily/weekly check that will satisfy the new requirements of NFPA 1910: Standard for the Inspection, Maintenance, Refurbishment, Testing and Retirement of In-Service Emergency Vehicles and Marine Firefighting Vessels (NFPA 1911 Chapters.) It is designed to be done without the use of a creeper and should be able to be completed in approximately one hour or less. Class especially designed for the pumper driver, engineer or anyone that wants more big rig knowledge to become more proficient at the position.

Instructor: David Stover, Sinclair College – Retired

Class 111 Understanding EV Maintenance and Troubleshooting 6 Hrs

The class will cover hands-on electrical diagnostics and with the GM trainer and the live trainer board for the common electrical systems found in the GM EV product, although no electrical systems are the same manufacturer to manufacturer, it does all operate on the power of electricity. Don't miss this practical class taught by the best GM trainer, with tips for everyday troubleshooting and maintenance.

Instructor: Robert Roth, Raytheon

Class 112 EVT Objective Review for F-3 Fire Pumps and Accessories 6 Hrs

Class prepares the technician to understand the general design, performance and testing standards for pumper apparatus, per the NFPA 1900 & 1910. 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 1900, NFPA 1910, Standards for Fire Apparatus Preventative Maintenance Program, IFSTA Pumping Apparatus Driver/ Handbook, second edition.)

Note: Student must preregister with EVTCC for testing.

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

Class 113 EVT Objective Review F-1 & E-0 Maint, Inspection, and Testing of Ambulances & Fire Trucks 6 Hrs

Class 120 EVT Objective Review F-1 & E-0 Maint, Inspection, and Testing of Ambulances & Fire Trucks 6 Hrs

This class reviews the objectives of the Maintenance, Inspection, and Testing of Ambulances and F-1 Fire Trucks as covered in NFPA 1917 & 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.

Instructor: Rob Burley, EVTS – Emergency Vehicle Technical Support Inc.

Class 114 International Engine and Service Maintenance and After Treatment 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 aftertreatment systems.

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

Class 115 Ford Vehicle Diagnostics with IDS, FDRS & FORScan 6 Hrs

This session will focus on acquiring the Ford factory scan tools and navigating the Ford OEM factory website. IDS and FDRS are game changers when it comes to diagnosing Ford Motor Company vehicles. Having TSB and SSM's on the same screen cuts down diagnostic time and streamlines repairs. We will cover reflashing modules, Asbuilt data, bi-directional controls, module replacements, transmission strategy, diesel fuel injector IQA's and much more!

Instructor: Chris Hamann, Lakeland Auto & Marine

Class 117 GM Refrigeration & HVAC Systems 6 Hrs

This class will provide technicians with the diagnostic techniques and strategies required to diagnose HVAC controls, blend door, and refrigeration principles for GM vehicles, and help understand how to diagnose multiplex networks. Setup procedures for all related modules will be reviewed. This course will include simulated diagnostic exercises to apply the principles learned.

Instructor: Robert Roth, Raytheon

Class 118 Electrical Theory and Alternators by C.E. Niehoff (Wednesday)**6 Hrs****Class 126 Electrical Theory and Alternators by C.E. Niehoff (Thursday)****6 Hrs**

This class will cover some 12 volt electrical theory, maintenance and troubleshooting to avoid misdiagnosing when problems come up and get right into the famed alternator for Emergency Vehicles from years past and today. Brand specific but the information stays the same. Demand, Volts, Amps, positive and negative = success for your fleet.

Instructors: Jason Jablonski & James Moeller, C.E. Niehoff & Co

Class 119 EVT Objective Review E-4 Ambulance Cab, Chassis and Powertrain**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.

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

Class 122 ROM, FRC, Elkhart Brass & Foam Pro**6 Hrs**

This class will be taught by all the experts in their craft, ROM Roll-Up Doors maintenance repairs and the common pitfalls with switches will be the highlight. Elkhart Brass products will be next with FRC products after that. To top the day off will be Foam Pro maintenance, troubleshooting and common problems found with these systems.

Instructors: Marcus Allen, Dan Tyrrell, Keith Chard & Kile Swearingin, Safe fleet Group

Class 125 Weldon Multiplex Design and Troubleshooting**6 Hrs**

This class will cover multiplex systems to include theory, maintenance and troubleshooting. Class will be Weldon specific with actual components to include classroom and some hands-on.

Instructor: Jeff Dilgren, Weldon Technologies

OAEVT MAINTENANCE SYMPOSIUM SCHEDULE • SEPTEMBER 21 THROUGH 25

MONDAY 9-21	TUESDAY 9-22	WEDNESDAY 9-23	THURSDAY 9-24	FRIDAY 9-25
Waterous Fire Pump Maint & Repairs 100 - Day 1 of 2	Waterous Fire Pump Maint & Repairs 100 - Day 2 of 2	Waterous Fire Pump Maint & Repairs 200 - Day 1 of 2	Waterous Fire Pump Maint & Repairs 200 - Day 2 of 2	Wilburt Light Towers and Elec. Training 050
EVT Objective Review E-3 101	EVT Objective Review E-2 & F-4 107	EVT Objective Review F-3 112	EVT Objective Review E-4 119	ROM Roll up Doors Maint, Troubleshooting and Repairs 051
EVT Prep Design & Performance F 2 300 - Day 1 of 2	EVT Prep Design & Performance F 2 300 - Day 2 of 2	EVT Objective Review F-1 & E-0 113	EVT Objective Review F-1 & E-0 120	Ford Medium Duty Brakes Theory & Operation 052
Cummins Engine Maintenance 102	Cummins Engine Maintenance 108	International Chassis Diamond Logic 114	Cummins Engine Maintenance 121	Akron Brass Valve & Nozzles ID & Repair 053
Sutphen Custom Pumper Chassis Maintenance 103	Sutphen Aerial Maint, Repairs & Troubleshooting 500 - Day 1 of 2	Sutphen Aerial Maint, Repairs & Troubleshooting 500 - Day 2 of 2	ROM, FRC, Elkhart Brass, FoamPro Maint, & Troubleshooting 122	
EVT Prep Aerial F-5 400 - Day 1 of 2	EVT Prep Aerial F-5 400 - Day 2 of 2	EVT Prep Aerial F-5 600 - Day 1 of 2	EVT Prep Aerial F-5 600 - Day 2 of 2	
Mechanical Engine Diagnostics with Picoscope 104	Advance Engine Diagnostics with Picoscope 109	Ford Vehicle Diagnostics with IDS FDRS & FORScan 115	Mechanical Engine Diagnostics with Picoscope 123	
Fire Pump Familiarization 105	EVT Objective Review DO-1 110	EVT Objective Review DO-1 116	Fire Pump Familiarization 124	
Advanced Driver Assistance & Hybrid Vehicles by GM 106	Understanding EV Maintenance and Troubleshooting 111	Refrigeration Diagnostics & HVAC Controls by GM 117	Weldon Multiplex Design and Troubleshooting 125	
EVT Objective Review Allison Transmission F-6 700 - Day 1 of 2	EVT Objective Review Allison Transmission F-6 700 - Day 2 of 2	Electrical Theory and Alternators by C.E. Niehoff 118	Electrical Theory and Alternators by C.E. Niehoff 126	
EVT Testing 4PM @ OFA MPR-A, B, & C		Annual Meeting Pizza and Wing Party 4PM @ OFA	EVT Testing 4PM @ OFA MPR-A, B, & C	

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

FIRST CLASS MAIL
DATED MATERIAL

