



Hybrid Electric Vehicle 8 hour, hands-on training!

In-Person
Training with



Dave Hobbs
ASE CMAT / L3
Veteran Gas, Hybrid &
Electrical Diagnostics
Technical Trainer



Jim Wilson
ASE CMAT
Veteran Gas, Diesel &
Electrical Diagnostics
Technical Trainer

sponsored by



Delphi
Technologies
by BorgWarner



CURRENT DIAGNOSTIC DATA		FRAME#	807	TIME	617.92
Active	CON Vo	LEAK R	Negati	Positi	
Description			Value	Unit	
Negative_CON_INP *			Close		
Negative_VOLT_STAT *			No Fault		
Number of Trouble Codes Set Due to Diagnostic Test *			0		
PER_CON_FAU_STA *			No Fault		
Positive Battery PACK_VOLT			144	Volts	
Positive LEAK_VOLT			0	Volts	
Positive VOLT_STAT *			No Fault		



- Review of Hybrid & EV Technology & Safety
- Hybrid & PHEV (Plug-In Hybrid) Engine No Starts
- Dealing with common Hybrid & EV DTCs
- Hybrid, PHEV & EV Cooling and HVAC Systems
- High voltage battery pack diagnostics
- Interpreting Data PIDs, Mega & Micro Ohmmeters

Register at MWACA.org/events
Questions? 816.413.9800

Kansas City Chapter



Saturday, April 30, 2022



8:00am-5:00pm



KCK Community College
Auto Technology Center
6736 State Ave
Kansas City, KS 66102

Members: \$79

Non-Members: \$129

includes breakfast, lunch
and training

**SPACE IS
LIMITED!**
Max 12
attendees

Upcoming Events

MAY 12, 2022

Tax Accounting with
Hunt Demarest



Kansas City Chapter

Customer Connection

In-Person Training with
Rick White

Sponsored by:



Every shop has a handful of “raving fans.” Why isn’t there more? The goal of every business should be to create and KEEP happy customers. Unfortunately, the customer experience often gets lost in the day-to-day transactions that make up the running of your business. You tend to focus on daily cash outs, invoices, receivables, payables, and probably employee payroll. We will explore the value of a single happy customer and provide tools to help you service, keep, and duplicate your very best customers. The value of a single happy customer goes far beyond the dollars that they will spend this year. This class helps shop owners, managers and service advisors understand the true value of exceeding customer expectations and will provide a roadmap for consistently creating “raving fans”!



**Members: \$59
Non-Members: \$99**
includes dinner and
training

for shop
owners and
service advisors

Upcoming Events

NOVEMBER 17, 2020
What kind of diagnostic detective
are you? by Jim Wilson

DECEMBER 8, 2020
Holiday Happy Hour

Register at MWACA.org/events
Questions? 816.413.9800



Picoscope Testing - How? When? & WHY?

In-Person Training with

Jeff Bly

Technician & Diagnostics Specialist
MD Auto Repair of Kansas City



*** In-Person, Live-Car Training ***

The Picoscope is a major diagnostics time saver in an automotive repair shop setting when used correctly. Yet some shops aren't setup to utilize the full potential of the platform.

This class will focus on 3 main talking points:

1. Get the Picoscope out of the box and ready to use. Diagnostic cart setup - The tools you need, ready at a moment's notice
2. Scope setup & basic tests that technicians can use everyday in the shop to help pinpoint electrical & driveability faults
3. When, and more importantly, WHY scope testing is sometimes beneficial for pinpointing problems

Testing topics to be covered:

- Voltage Testing
- Current Testing
- Ignition System Testing
- Communication / Network Signal Testing
- Pressure Transducer Testing
- Pulse Sensor Waveform Testing

This class is designed for technicians that already have diagnostic experience who want to improve their knowledge & abilities

Bring your Picoscope, Laptop PC and Extension Cord with you - If you want to hook up to cars!

Register at MWACA.org/events

Questions? 816.413.9800

Kansas City Chapter



Saturday, January 15, 2022



9:00am-2:00pm



S&S Service Center
8025 Troost Ave
Kansas City, MO 64131

Members: \$70

Non-Members: \$120

includes breakfast, lunch
and training

**SPACE IS
LIMITED!**

Max 20
attendees

Upcoming Events

FEBRUARY 3, 2022

**Business Sale Strategies
and Design**
in-person with Bob Ward

MARCH 3-6, 2022

**VISION Hi-Tech Training &
Expo**



Business Sale Strategies & Design

In-Person Training with
Bob Ward

President, WARDDEN LLC dba
Perpetual Business



Most business owners will not get paid for their life's work. Sadly, about 85% of businesses do not survive the departure of their current owner, whether by death, disability, or retirement. Why? Because there's no plan.

Discover how yours can become a Perpetual Business. That is your ultimate objective. Attaining that status will allow you to realize your company's value, its continuity, and your business legacy. Through this class you will:

- a. Learn how to create a partnership culture (and your future buyer)
- b. Prepare your business for sale
- c. Understand valuation metrics
- d. Design a complete succession plan
- e. Become inspired by my real-world succession case studies

Attendees will learn about exit options, and will be given tools to start planning their own exit immediately. Anyone aspiring to become an owner, often key employees, are encouraged to attend.

With over 40 years of business management, start-up, and ownership experience, Bob uses his real-world experience to help small business owners throughout the United States and Canada to build profitable, dynamic businesses that will survive the departure of their owners, whether by death, disability, or more happily, a successful sale and retirement.

He is a nationally recognized expert in small business succession planning and facilitation.

Bob has the knowledge, skills, and tools that can elevate your company to become a "Perpetual Business."

Kansas City Chapter



Thursday, February 3, 2022



6:30-8:30pm



V's Italiano Ristorante
10819 E US Hwy 40
Independence, MO 64055

Members: \$25

Non-Members: \$35

includes dinner
and training

For shop
owners and
potential
owners

Register at MWACA.org/events

Questions? 816.413.9800

Upcoming Events

MARCH 3-6, 2022
VISION Hi-Tech Training &
Expo



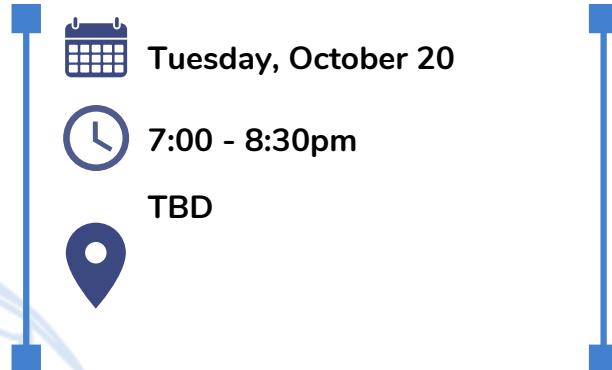
Kansas City &
Lawrence/Topeka
Chapters

New Vehicle Technology

In-Person Training with
Rick White



Every shop has a handful of “raving fans.” Why isn’t there more? The goal of every business should be to create and KEEP happy customers. Unfortunately, the customer experience often gets lost in the day-to-day transactions that make up the running of your business. You tend to focus on daily cash outs, invoices, receivables, payables, and probably employee payroll. We will explore the value of a single happy customer and provide tools to help you service, keep, and duplicate your very best customers. The value of a single happy customer goes far beyond the dollars that they will spend this year. This class helps shop owners, managers and service advisors understand the true value of exceeding customer expectations and will provide a roadmap for consistently creating “raving fans”!



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Sponsored by:
180BIZ

*Register at MWACA.org/events
Questions? 816.413.9800*

for shop
owners and
service advisors



What Kind of Diagnostic Detective are you?

In-Person Training with
Jim Wilson



Are you the Sherlock Holmes of your shop or are you Dr. Watson? Using deductive logic and observation can increase your skills in finding the causes of DTC and symptoms with better accuracy. We will cover what items should be added to the diagnostic procedure to increase your skills. Pattern failures can help but can also lead you down the wrong path. Using an open logical mind will always increase the accuracy of diagnostics.

for shop
owners and
technician

Register at MWACA.org/events
Questions? 816.413.9800

Kansas City Chapter



Tuesday, November 17



6:30pm-9:00pm



Enjoy this training from the comfort of your own home or office

Members: \$49

Non-Members: \$69

includes dinner and training

Upcoming Events

DECEMBER 8, 2020
Holiday Happy Hour
Big Rip Brewing Co.



TOWN HALL FORUM

Catalytic Converter Theft & How You Can Protect Yourself and Your Customers

with guest speakers from the

**Kansas City MO Police Department &
Overland Park Police Department**

Representatives from the Kansas City, MO and Overland Park Police Departments will be joining us discussing the recent catalytic converter theft issues in the KC Metro and how shops can work to protect themselves and their customers.

Kansas City Chapter TOMORROW NIGHT!



Tuesday, September 14



7:00pm-8:30pm



Tomahawk Ridge
Community Center
11902 Lowell
Overland Park, KS 66213

**\$10 per
person**

includes refreshments
and discussion



Register at MWACA.org/events
Questions? 816.413.9800

for shop owners,
managers,
service advisors
and technicians



ROUNDTABLE DISCUSSION: How can MWACA work for you?

Are you getting the most out of your MWACA membership? Do you want the opportunity to help decide what management and technical training comes to Kansas City?

We will explore all MWACA benefits and discover if you're leaving money on the table.

This is also a great opportunity to discover new ways that you can get more closey involved with MWACA and the Kansas City chapter.

Please join us for an evening of discussion and dinner. We look forward to having you!

Register at MWACA.org/events
Questions? 816.413.9800

Kansas City Chapter

Tues, October 14, 2021

6:30-8:30PM

V's Italiano Ristorante
10819 E US Hwy 40
Independence, MO 64055

Member: \$25
Non-Members: \$35

includes dinner
& discussion

for shop
owners and
managers

Upcoming Events

DECEMBER 9, 2021
Holiday Party