

8th Annual



Innovate • Integrate • Motivate

INSTRUCTOR TRAINING CONFERENCE

**The Embassy Suites
Frisco, TX
July 12-15, 2022**

Full Agenda

THANKS TO OUR CONFERENCE SPONSORS!

PLATINUM SPONSORS



GOLD SPONSORS



SILVER SPONSORS



Tuesday, July 12

<p>8:00 AM to 4:00 PM CDT</p> <p>📍 Embassy Suites Hotel - Frisco, TX - Ranger-Sea Biscuit (Upstairs)</p>	<h3>ASE CERTIFICATION TESTING</h3> <p>ASE Certification Testing will be available at the Instructor Training Conference on Tuesday July 12 from 8 am to 4 pm, Wednesday July 13 from 10 am to 4 pm, and on Thursday July 14 from 8 am to 4 pm. Advance registration is required. Seats are limited.</p>
<p>8:00 AM to 5:00 PM CDT</p> <p>📍 Embassy Suites Hotel - Frisco, TX - Career Center East - Lewisville TX</p>	<h3>ETL Training</h3> <p>This one-day training will be held July 12 at Career Center East in Lewisville, TX. You are responsible for your own transportation. To sign up, check the ETL Training box in the Instructor Registration Form, then complete the form at {form no longer available}. If this training is full, there are other training events around the U.S. during April, May and June. See the ETL</p> <p>Show More</p>
<p>6:00 PM to 8:00 PM CDT</p> <p>📍 Embassy Suites Hotel - Frisco, TX - Frisco 6</p>	<h3>Welcome Reception</h3> <p>Catch up with old friends, make some new ones, and get ready for a great week of training!</p>

Wednesday, July 13

8:00 AM to 10:00 AM
CDT

📍 Embassy Suites Hotel - Frisco, TX - Frisco 1

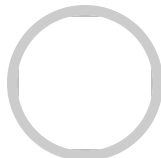
Conference Opening Session

ASE Update & 'The 2 Percent Solution' Panel Discussion

A short update on the latest ASE Certification and ASE Education Foundation activities, followed by a panel discussion focused on bringing more women and other underrepresented groups into the automotive service industry. What changes do we need to make to our training programs and workplaces to make them more welcoming to everyone? Hear about the barriers and ways to overcome them from people who have lived it.

Sponsors

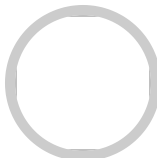
Speakers



Catherine Treanor



Jenny Kovacs



Missy Albin

10:00 AM to 10:30 AM
CDT

📍 Embassy Suites Hotel - Frisco, TX - Frisco Foyer

Morning Break

In the foyer outside the meeting rooms.

10:00 AM to 4:00 PM
CDT

📍 Embassy Suites Hotel - Frisco, TX - Ranger-Sea Biscuit (Upstairs)

ASE CERTIFICATION TESTING

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Wednesday, July 13

10:30 AM to
12:00 PM

CDT

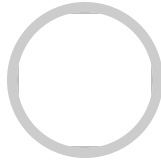
📍 Embassy Suites Hotel -
Frisco, TX - Frisco 1

AUTO

Auto 1A - Steve Johnson Racing

My Brand behind 14,000 rpm and an NHRA Wally

After 30 plus years racing professionally with NHRA we could win but it was like an uncooked steak...rare. Now, 2022 we have won 50% of this years races, set track records and are leading the points.Come listen to what I want to share with you all.

Speakers

Steve Johnson

10:30 AM to
12:00 PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 2

AUTO

Auto 1B - Megatech Corporation

EV, Gas, or Diesel: Electronic System Diagnostic Strategies; Think Like a Computer

ECM, BCM, TCM, PCM, etc – they all operate on similar principles. Understand how computers measure input values whether they be NTC thermistors on HV battery cells or a fuel level sensor see how they process information and control outputs. Interpret scan tool data and devise electrical pin checks to develop your diagnostic strategy. We'll also take a look at how electronic control units determine faults and set codes. In this workshop, you will use Megatech "Sensors and

[Show More](#)**Speakers**

Nick Lybrand

10:30 AM to
12:00 PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 3

AUTO

Auto 1C - WD-40

Getting the Job Done Right

This session will cover how to use maintenance chemicals (lubricants, penetrants, greases, cleaners and degreasers) to protect equipment and make jobs easier. You will learn how these chemicals are developed, the test methods used to evaluate performance and chemistry, which ones you should use on different surfaces, and the health and safety around these types of products.

Speakers

Zebulon Brown

Wednesday, July 13

10:30 AM to
12:00 PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 4

AUTO

Auto 1D - Electude

Strategies for Teaching Electric Vehicles

Today, the complex and often abstract technologies found in hybrid and electrical vehicles demand new teaching tools and strategies to ensure student comprehension and success. In this session we will discuss: 1. Understanding the challenges hybrid and electric vehicle technology presents to both teachers and students. 2. Strategies for simplifying the complex (using DC/AC inverter for example). 3. Employing instructional methods that help students understand the invisible and abstract.

Speakers

Darcy Wedel

10:30 AM to
12:00 PM

CDT

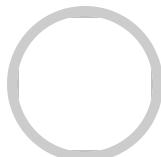
📍 Embassy Suites Hotel -
Frisco, TX - Frisco 5

AUTO

Auto 1E - Toyota

Toyota New Technology

New features and technology on the most current models. Focus on powertrains and electrification trends.

Speakers

Lloyd Koppes

[2022 Tundra New Technology](#)

10:30 AM to
12:00 PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 7

AUTO

Auto 1F - Snap-on

What's New in Diagnostics

I will go over what's new in the Diagnostics world, items such as new technology, new tools, and what new technology is coming into the vehicles we drive today.

Speakers

Tim Nelson

Wednesday, July 13

10:30 AM to
12:00 PM

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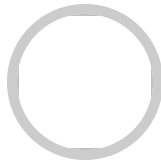
📍 Embassy Suites Hotel -
Frisco, TX - Frisco 8

AUTO

Auto 1G - ATech Training

Today's Challenge of teaching Electrical Diagnostics in the Classroom

The Automotive/Diesel Industry is drastically changing, as far as the electrical/electronic systems in a vehicle. Exploring the need for "Structured Skilled Development" can still be one way to approach training; by building from fact to understanding, working from simple to complex, learning through discovery, and then transferring knowledge to problem solving. While taking this approach we will explore teaching methods in this class, using several electrical trainers with hands-on activities.

Speakers

James Wilson

10:30 AM to
12:00 PM

CDT

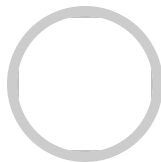
📍 Embassy Suites Hotel -
Frisco, TX - Frisco 9

AUTO

Auto 1H - MACS

R-1234yf and the Future of Automotive Air Conditioning

This training program will explore the origins of the R-1234yf refrigerant transition, changes students need to know and the future of automotive A/C.

Speakers

Peter Coll

[MACS ASE July 2022](#)10:30 AM to
12:00 PM

CDT

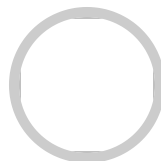
📍 Embassy Suites Hotel -
Frisco, TX - Hamilton-
Lebanon Schools

COLLISION

Collision 1 - 3M

Structural Adhesives and Hybrid-Joining Operations in Collision Repair

A decade after first noticing the need for structural adhesives in collision repair, their use has continued to skyrocket, model year after model year, delivering stronger joints, lighter and quieter vehicles, and, unfortunately, added repair complexity. In this interactive session, we'll use the 3M Science of Why to demystify structural adhesives and their use in modern repair operations.

Speakers

Jason Scharton

Wednesday, July 13

10:30 AM to
12:00 PM

CDT

Embassy Suites Hotel -
Frisco, TX - Bass-Bush-
Erudia Schools

TRUCK

Truck 1 - Consolidated Metco

Wheel Ends for Medium and Heavy Duty Trucks and Trailers

This session will cover identification, inspection, installation, repair, and failure analysis for wheel ends typically found on medium and heavy duty trucks and trailers.

Speakers

Roger Maye

12:00 PM to 1:00
PM

CDT

Embassy Suites Hotel -
Frisco, TX - Frisco 6

Lunch

In the Frisco 6 ballroom.

1:00 PM to 2:30
PM

CDT

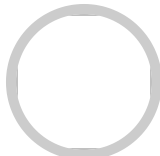
Embassy Suites Hotel -
Frisco, TX - Frisco 1

AUTO

Auto 2A - Steve Johnson Racing

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Speakers

Steve Johnson

Wednesday, July 13

1:00 PM to 2:30
PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 2

AUTO

Auto 2B - Megatech Corporation

EV, Gas, or Diesel: Electronic System Diagnostic Strategies; Think Like a Computer

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[Show More](#)**Speakers**

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Frisco, TX - Frisco 3

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Speakers

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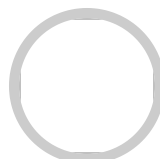
📍 Embassy Suites Hotel -
Frisco, TX - Frisco 4

AUTO

Auto 2D - Electude

Strength in Diversity

In my presentation I am going to discuss the lack of diversity in the automotive industry and what we can do as educators to increase it. I will talk about my experiences as a female technician within the industry and open the floor to give you the opportunity to share techniques and experiences to fellow teachers.

SpeakersCatherine
Treanor

Wednesday, July 13

1:00 PM to 2:30
PM

CDT

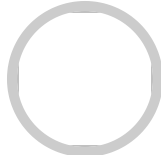
📍 Embassy Suites Hotel -
Frisco, TX - Frisco 5

AUTO

Auto 2E - Toyota

Toyota New Technology

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Speakers

Lloyd Koppes

[2022 Tundra New Technology](#)

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CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 7

AUTO

Auto 2F - Snap-on

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Speakers

Tim Nelson

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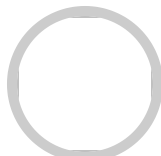
📍 Embassy Suites Hotel -
Frisco, TX - Frisco 8

AUTO

Auto 2G - ATech Training

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James Wilson

Wednesday, July 13

1:00 PM to 2:30
PM

CDT

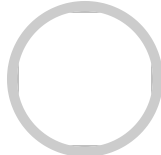
📍 Embassy Suites Hotel -
Frisco, TX - Frisco 9

AUTO

Auto 2H - MACS

R-1234yf and the Future of Automotive Air Conditioning

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Speakers

Peter Coll

[MACS ASE July 2022](#)
1:00 PM to 2:30
PM

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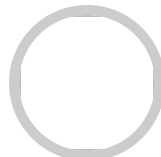
📍 Embassy Suites Hotel -
Frisco, TX - Hamilton-
Lebanon Schools

COLLISION

Collision 2 - Polyvance

Automotive Plastic Repair - Latest Developments

Plastic repair is a field with increased interest today due to parts shortages that are affecting the collision repair industry. The ability to repair a damaged plastic part can greatly reduce key-to-key time, reduce cost of repair, and can be more profitable for the shop and the technician. John Wilburn will present the latest developments in automotive plastic repair in this session.

Speakers

John Wilburn

[Polyvance Book of Plastic Repair](#)
[Polyvance Welding Rod Reference Chart](#)
[Polyvance Training Options Flyer](#)

1:00 PM to 2:30
PM

CDT

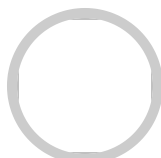
📍 Embassy Suites Hotel -
Frisco, TX - Bass-Bush-
Erudia Schools

TRUCK

Truck 2 - ExxonMobil

Heavy Duty Lubricants, Fuels, and Coolants

The attendees will learn about heavy duty engine oils, greases, fuels, coolants and testing for in service samples and interpretation of the results.

Speakers

Paul Cigala

Wednesday, July 13

2:00 PM to 2:30 PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco Foyer

Afternoon Break

In the foyer outside the meeting rooms.

3:00 PM to 5:00 PM

CDT

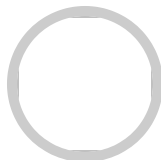
📍 Embassy Suites Hotel -
Frisco, TX - Frisco 1

AUTO

Auto 3A - RLEscalambre

Teaching a Systematic Plan to Handling Incomplete Readiness Flags/Monitors

The workshop will provide a systematic plan to teaching Handling Incomplete Readiness Flags/Monitors". Learn how Global CAN "C" MODE \$09 and MODE \$06 can be used together to help identify difficult to set Readiness Flags. Understanding the difference between a Readiness Flag and a Monitor, then implementing this plan will allow the Technician to sit in the driver's seat with a scan tool and work smarter, not harder. Case studies will be used to demonstrate the plan.

Speakers

Rick Escalambre

3:00 PM to 5:00 PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 2

AUTO

Auto 3B - Ford

Ford Hybrid and Electrical Vehicles

This session cover Ford Hybrid and Electrical Vehicle systems and technology. Topic include: MHT technology, Electric Vehicle and control system overview, charging technology charging.

Speakers

Don Cofer

[Ford Hybrid and Electric Vehicles](#)

Wednesday, July 13

3:00 PM to 5:00 PM

CDT

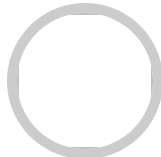
Embassy Suites Hotel -
Frisco, TX - Frisco 3

AUTO

Auto 3C - NAPA Training

Hybrid and EV - Batteries and Charging

The Hybrid and EV - Batteries and Charging title is a comprehensive presentation that covers High and Low Voltage battery systems, HV shutdown procedures, Hybrid, PHEV and EV charging strategies, industry design charging standards, Battery thermal management strategies, and integral as well as external charging component interaction available to the Hybrid and EV market.

Speakers

Peter Sarantidis

3:00 PM to 5:00 PM

CDT

Embassy Suites Hotel -
Frisco, TX - Frisco 4

AUTO

Auto 3D - The Group Training Academy

Electrification for Automotive Instructors

Adding Electrification training to your program is easy if you plan and have a strategy for implementation. This session will start with how to convey challenging topics like Voltage drop and how to apply individual learning Techniques. We will give some tips on teaching electricity. This section will be brief but loaded with important training techniques. We will then demonstrate using mock ups to show EV concepts. We will then move to Electric vehicle safety using a hands-on approach. Performing safety service steps on

[Show More](#)**Speakers**

Tom Rayk



Vince Manship

3:00 PM to 5:00 PM

CDT

Embassy Suites Hotel -
Frisco, TX - Frisco 5

AUTO

Auto 3E - Hunter Engineering

Rolling Smooth and Wheel Alignment with Codelink and ADAS

First half will be discussing proper balancing of todays vehicles. Second half will be discussing Steering wheel position sensor reset. ADAS calibration for todays Cars.

Speakers

Rick Watson

Wednesday, July 13

3:00 PM to 5:00
PM

CDT

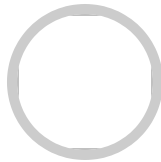
📍 Embassy Suites Hotel -
Frisco, TX - Frisco 7

AUTO

Auto 3F - WORLDPAC Training Institute

ADAS Essentials: Update on New Technologies

We will discuss why ADAS exists and how legislation is pushing manufacturers to include ADAS in all vehicles. We will discuss the essential information on how these modules and sensors operate as this is the single most misconceived vehicle technology there is. We will then discuss the necessity to understand how brake, cooling system, lighting, suspension and other routine repairs affect ADAS systems so that technicians can identify the need for calibration post repair.

Speakers

Keith Perkins

3:00 PM to 5:00
PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 8

AUTO

Auto 3G - Mitchell 1

Teaching Students to Tell their Story

Many times while educating students in the field of automotive repair, the art of describing the work done is overlooked. Not "telling their story" costs them money, can lose credibility in the eyes of their customer and create liability for the shop. This session introduces use of shop management systems and tools to include in a robust curriculum designed to teach a student to use the tools the shop has invested in to "tell their story" and think about the business aspects of running a shop.

Speakers

Ben Johnson

[Teaching Students to Tell their Story](#)

Wednesday, July 13

3:00 PM to 5:00 PM

CDT

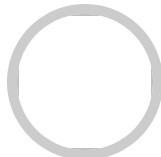
📍 Embassy Suites Hotel -
Frisco, TX - Frisco 9

AUTO

Auto 3H - Redline Detection

Low-Pressure, High-Pressure Leak Detection Technology in Internal Combustion Engine and Electric Vehicle Platforms

In this class, Redline Detection will update you how to use Low-Pressure and High-Pressure leak detection technology to accurately pinpoint even the most minuscule air leaks in boosted and normally aspirated internal combustion engine automotive systems, as well as Aftertreatment Systems in medium and heavy-duty trucks. Review technology of leak detecting requirements in Electric Vehicle systems

[Show More](#)**Speakers**

Mark Hawkins

3:00 PM to 5:00 PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Hamilton-
Lebanon Schools

COLLISION

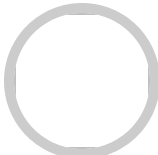
Collision 3 - Sherwin-Williams

Color Theory

Understanding Color Space And Adjustment

Speakers

Gunnar Long



Keith Crossland

[Color Simplicity for ASE](#)[Color Simplicity for ASE](#)

Wednesday, July 13

3:00 PM to 5:00 PM

CDT

📍 Embassy Suites Hotel - Frisco, TX - Bass-Bush-Erudia Schools

TRUCK

Truck 3 - Noregon

Utilizing Noregon JPRO For Education

Show instructors how to use Noregon JPRO in a multitude of areas. Starting a work order, Preventative Maintenance, Diagnose and Trouble Shooting, Breaks, ADAS, Aftertreatment, and Data Driven Management.

Speakers



Bill Alday

[Noregon JPRO utilization for education](#)

5:00 PM to 7:30 PM

CDT

📍 Embassy Suites Hotel - Frisco, TX - Frisco 6

Sponsor Expo

Come grab a drink, mingle with our sponsors, and win some very nice door prizes!

Thursday, July 14

6:45 AM to 7:45 AM

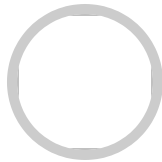
CDT

📍 Embassy Suites Hotel - Frisco, TX - Frisco 2

Collision Special - I-CAR

I-CAR Curriculum - Understanding how to use it to best prepare students

We will discover best practices and exercises that educators can use with their classroom to prepare students for their futures in automotive industry. Developing future collision technicians that are ready on day one.

Speakers

Tom McFinch

7:55 AM to 4:00 PM

CDT

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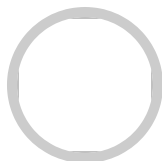
📍 Embassy Suites Hotel - Frisco, TX - Frisco 1

AUTO

Auto 4A - RLEscalambre

Teaching the Variables for Completing Readiness Flags/Monitors

The workshop will look at teaching the variables for Completing non-Continuous Readiness Flags/Monitors. The variables are: Inferred Exhaust Time, Parallel and Series Monitors, Test Samples and Flow Counts, Minimum and Maximum Monitor Completion time, Normal and Fast Filtering using Exponentially Weighted Moving Average (EWMA).

Speakers

Rick Escalambre

Thursday, July 14

8:00 AM to 10:00 AM

CDT

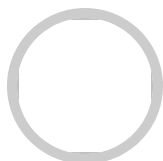
Embassy Suites Hotel -
Frisco, TX - Frisco 2

AUTO

Auto 4B - Continental

TPMS 2022 - Advanced TPMS Education for Automotive Instructors

Why TPMS? Importance of the Relearn procedure. System types and how they operate. Vital TPMS service tools and functions. REDI-Sensor™ The Next Generation. Correct maintenance and service techniques. Hands-on Tool demonstration.

Speakers

Sean Lannoo

[REDI-Sensor / Autodiagnos](#)
[Continental TPMS training booklet](#)
[Continental_REDI-Sensor_Post Card](#)
[REDI-Sensor_App](#)
[REDI-Sensor_Tech Support](#)
[REDI-Sensor_TriFold](#)
[REDI-Sensor_Update_Your_Tool](#)

8:00 AM to 10:00 AM

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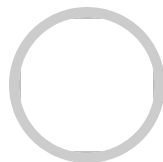
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Frisco, TX - Frisco 3

AUTO

Auto 4C - NAPA Training

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Frisco, TX - Frisco 4

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Auto 4D - Hunter Engineering

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Speakers

Rick Watson

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CDT

Embassy Suites Hotel -
Frisco, TX - Frisco 5

AUTO

Auto 4E - Subaru

Subaru's new generation ADAS-Eyesight System with Electronic Brake Booster

This ILT training session provides an overview of Electronic Brake Booster and EyeSight system features and operation. An overview of service and calibration procedures are also covered

Speakers

Bryan Craine

8:00 AM to 10:00 AM

CDT

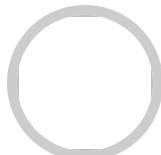
Embassy Suites Hotel -
Frisco, TX - Frisco 7

AUTO

Auto 4F - Vertex Professional Services

HO2S and Fuel Trim Diagnosis

This course will cover the process of using HO2S with Short and Long Term Fuel Trim in the diagnosis of drivability and emissions concerns.

Speakers

Gerald Mungle

Thursday, July 14

8:00 AM to 10:00 AM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 8

AUTO

Auto 4G - Cengage

3 Big Trends in Automotive Education to Keep an Eye On and How MindTap Can Help

Cengage is back to discuss the 3 biggest trends in automotive education and the impact you can make to ensure your students are ready using MindTap. During this session, we'll cover:

- Electric is Here to Stay! We'll explore our latest course offerings and how to prepare your students.
- It's Not Only About the Spanner: We'll look at how S/P2's industry-specific training modules in MindTap can help students with the soft skills they need.
- Increase

[Show More](#)**Speakers**

Neena Bali

8:00 AM to 10:00 AM

CDT

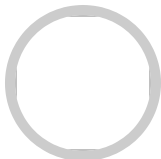
📍 Embassy Suites Hotel -
Frisco, TX - Frisco 9

AUTO

Auto 4H - Redline Detection

Low-Pressure, High-Pressure Leak Detection Technology in Internal Combustion Engine and Electric Vehicle Platforms

In this class, Redline Detection will update you how to use Low-Pressure and High-Pressure leak detection technology to accurately pinpoint even the most minuscule air leaks in boosted and normally aspirated internal combustion engine automotive systems, as well as Aftertreatment Systems in medium and heavy-duty trucks. Review technology of leak detecting requirements in Electric Vehicle systems

[Show More](#)**Speakers**

Mark Hawkins

Thursday, July 14

8:00 AM to 10:00 AM

CDT

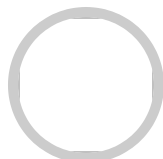
Embassy Suites Hotel -
Frisco, TX - Hamilton-
Lebanon Schools

COLLISION

Collision 4 - CCC

CCC ONE - Estimating on the web

An overview and live demo of how easy it is to write an estimate on CCC ONE via any browser on virtually any device with details and tips on how to train it to others. At a time when the industry needs help with staffing, we need to leverage technology and showcase the freedom it provides to create excitement with students and adults alike.

Speakers

Craig Stevens

8:00 AM to 10:00 AM

CDT

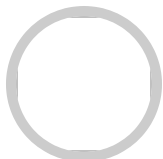
Embassy Suites Hotel -
Frisco, TX - Bass-Bush-
Erudia Schools

TRUCK

Truck 4 - Ryder

Heavy and Medium Truck Preventive Maintenance

We will discuss the importance of PM and prioritizing over all other training.

Speakers

Clifton Galloway

[ase preventive maintenance](#)

10:00 AM to 10:30 AM

CDT

Embassy Suites Hotel -
Frisco, TX - Frisco Foyer

Morning Break

In the foyer outside the meeting rooms.

Thursday, July 14

10:30 AM to
12:00 PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 1

AUTO

Auto 5A - Stellantis

Atlantis High Vehicle Communications Overview

This course covers the operation of the new Atlantis-High electrical architecture.

Speakers

Cecil Williams

10:30 AM to
12:00 PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 2

AUTO

Auto 5B - CCAR

Hybrid Electric and Battery Electric Vehicle Safe Handling & Best Practices

This course was developed to address rudimentary safety concepts for hybrid electric and battery electric vehicles that may have been compromised

Speakers

Bob McGinn

10:30 AM to
12:00 PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 3

AUTO

Auto 5C - Robert Bosch

High Voltage Safety, Tools and BEV components

Course will focus on learning how to work safely around electric and hybrid electric vehicles. Review of safety equipment and personal protection equipment (PPE), understanding high voltage safety equipment. Learn to safely deactivate these vehicles and create a safe working environment. Battery electric vehicles are continuously in the news. Overview of how these vehicles operate, their components and function.

Speakers

Dieter Lorentz

Thursday, July 14

10:30 AM to
12:00 PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 4

AUTO

Auto 5D - Goodheart-Willcox

Lessons from the Race Track

So many times there is a disconnect from what we learn in the classroom and what we experience in the real world. During this session we will take three lessons learned at the race track and explore how they relate to the classroom content and soft skills needed to succeed in today's workforce.

Speakers

Mandy Green

10:30 AM to
12:00 PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 5

AUTO

Auto 5E - Permatex

Applications and Recent Advanced in Thread Compounds

In this training you will learn how to select and properly apply different types of thread compounds along with the features and benefits of the different product lines. We will explain the different types of thread compounds that can be used on projects and discuss the new technologies that have been created to help make the jobs you work on easier

SpeakersCourtney
Burgasser

Jay Blake

[Threadlocker Selection Guide](#)
[Threadlocker Brochure](#)
[Threadlocker Selection Guide](#)
[Threadlocker Brochure](#)
[Gasket Maker Brochure](#)
[Gasket Maker Selection Guide](#)

Thursday, July 14

10:30 AM to
12:00 PM

CDT

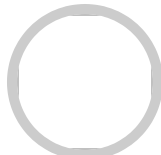
📍 Embassy Suites Hotel -
Frisco, TX - Frisco 7

AUTO

Auto 5F - Garage Gurus

Engine Performance Diagnostic Strategies - Part 1 of 2

This clinic is designed to keep technicians current on changing Engine Management Systems and diagnostic procedures for Asian and Domestic vehicles. The focus is on helping the technician become more proficient in interpreting the information the scan tool provides for engine performance diagnostics. We establish a foundation utilizing "strategy based diagnostics" to reduce diagnostic time and prevent emission related Check Engine light comebacks. Come back after lunch for the second part of the class.

Speakers

Gary Kimball

10:30 AM to
12:00 PM

CDT

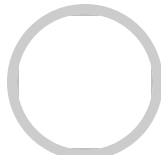
📍 Embassy Suites Hotel -
Frisco, TX - Frisco 8

AUTO

Auto 5G - BMW

BMW iDrive 8: Connected interface for an electrified future.

BMW's 8th generation operating system takes connectivity and infotainment to the electrified age while enhancing driver focus. Debuting on the new iX SUV, iDrive 8 brings unprecedented features such as Augmented Reality navigation, enhanced gesture control and improved phone integration. This combined with extensive new hardware such as UWB based Digital Key, interior cameras, high speed buses, and high resolution displays make for a seamless driving experience.

SpeakersBala
Shanmugham

Nathan Hood

Thursday, July 14

10:30 AM to
12:00 PM

CDT

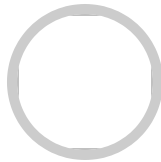
📍 Embassy Suites Hotel -
Frisco, TX - Frisco 9

AUTO

Auto 5H - CDX Learning Systems

Connected, Integrated and Electrified: How the Mobility Sector is Changing to a more Integral Part of Life

Introduction to the cutting-edge technologies that are tying the mobility world with the connected world throughout the industry. This presentation will go through some of the upcoming technologies and present ideas on how the automotive technician role is changing to one of an electrical mobility or energy technician.

Speakers

Nick Goodnight

[Connected, Integrated and Electrified](#)
10:30 AM to
12:00 PM

CDT

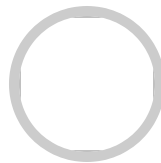
📍 Embassy Suites Hotel -
Frisco, TX - Hamilton-
Lebanon Schools

COLLISION

Collision 5 - I-CAR

Electric Vehicles - What you need to know and how to prepare your shop

I-Car's Director, Technical Products and Curriculum, Bud Center, and Principal, Business Development, Tom McFinch, will take a close look at Electric Vehicle Technology and the industry developed best practice for disconnecting and re-connecting high voltage vehicles. In this discussion the I-CAR team will give you a good understanding how to handle a High Voltage Vehicle (EV) when it arrives at your Repair facility and what are the key points in the repair process.

Speakers

Bud Center



Tom McFinch

Thursday, July 14

10:30 AM to
12:00 PM

CDT

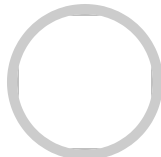
📍 Embassy Suites Hotel -
Frisco, TX - Bass-Bush-
Erudia Schools

TRUCK

Truck 5 - Navistar

Navistar NEXT eMobility Service

Presentation to give an overview of the service strategy for our EV vehicle platform. We will discuss what safety measures have been designed into the vehicles, as well as how we keep our technicians and drivers safe while maintaining and operating the vehicles.

Speakers

Kyle Maki

[Navistar eMobility Service Presentation ASE 2022](#)12:00 PM to 1:00
PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 6

Lunch

In the Frisco 6 ballroom.

1:00 PM to 2:30
PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 1

AUTO

Auto 6A - Stellantis

Atlantis High Vehicle Communications Overview

This course covers the operation of the new Atlantis-High electrical architecture.

Speakers

Cecil Williams

Thursday, July 14

1:00 PM to 2:30
PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 2

AUTO

Auto 6B - CCAR

Hybrid Electric and Battery Electric Vehicle Safe Handling & Best Practices

This course was developed to address rudimentary safety concepts for hybrid electric and battery electric vehicles that may have been compromised

Speakers

Bob McGinn

1:00 PM to 2:30
PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 3

AUTO

Auto 6C - Robert Bosch

High Voltage Safety, Tools and BEV components

Course will focus on learning how to work safely around electric and hybrid electric vehicles. Review of safety equipment and personal protection equipment (PPE), understanding high voltage safety equipment. Learn to safely deactivate these vehicles and create a safe working environment. Battery electric vehicles are continuously in the news. Overview of how these vehicles operate, their components and function.

Speakers

Dieter Lorentz

1:00 PM to 2:30
PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 4

AUTO

Auto 6D - Goodheart-Willcox

Lessons from the Race Track

So many times there is a disconnect from what we learn in the classroom and what we experience in the real world. During this session we will take three lessons learned at the race track and explore how they relate to the classroom content and soft skills needed to succeed in today's workforce.

Speakers

Mandy Green

Thursday, July 14

1:00 PM to 2:30
PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 5

AUTO

Auto 6E - Permatex

How to Select and Apply the Correct RTV

Engines have significantly evolved in design, requiring different sealing solutions than in the past. In this course we will dive deep into gasket maker solutions and how to select and apply the proper gasket makers to help you get the job done right the first time

Speakers

Eric Seibold



Jay Blake

- [Gasket Maker Selection Guide](#)
- [Gasket Maker Brochure](#)
- [Threadlocker Selection Guide](#)
- [Threadlocker Brochure](#)
- [Gasket Maker Brochure](#)
- [Gasket Maker Selection Guide](#)

1:00 PM to 2:30
PM

CDT

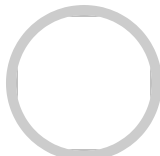
📍 Embassy Suites Hotel -
Frisco, TX - Frisco 7

AUTO

Auto 6F - Garage Gurus

Engine Performance Diagnostic Strategies - Part 2 of 2

This clinic is designed to keep technicians current on changing Engine Management Systems and diagnostic procedures for Asian and Domestic vehicles. The focus is on helping the technician become more proficient in interpreting the information the scan tool provides for engine performance diagnostics. We establish a foundation utilizing "strategy based diagnostics" to reduce diagnostic time and prevent emission related Check Engine light comebacks.

Speakers

Gary Kimball

Thursday, July 14

1:00 PM to 2:30
PM

CDT

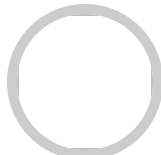
📍 Embassy Suites Hotel -
Frisco, TX - Frisco 8

AUTO

Auto 6G - BMW

BMW iDrive 8: Connected interface for an electrified future

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SpeakersBala
Shanmugham

Nathan Hood

1:00 PM to 2:30
PM

CDT

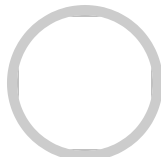
📍 Embassy Suites Hotel -
Frisco, TX - Frisco 9

AUTO

Auto 6H - CDX Learning Systems

Connected, Integrated and Electrified: How the Mobility Sector is Changing to a more Integral Part of Life

Introduction to the cutting-edge technologies that are tying the mobility world with the connected world throughout the industry. This presentation will go through some of the upcoming technologies and present ideas on how the automotive technician role is changing to one of an electrical mobility or energy technician.

Speakers

Nick Goodnight

[Connected, Integrated and Electrified](#)

Thursday, July 14

1:00 PM to 2:30
PM

CDT

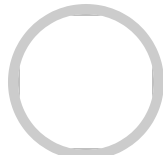
📍 Embassy Suites Hotel -
Frisco, TX - Hamilton-
Lebanon Schools

COLLISION

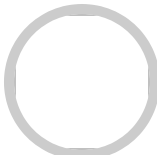
Collision 6 - I-CAR

ADAS systems - a set of new eyes for your vehicle

I-Car's Director, Technical Products and Curriculum, Bud Center, and Principal, Business Development, Tom McFinch, will take a close look at Electric Vehicle Technology and the industry developed best practice for disconnecting and re-connecting high voltage vehicles. In this discussion the I-CAR team will give you a good understanding how to handle a High Voltage Vehicle (EV) when it arrives at your Repair facility and what are the key points in the repair process.

Speakers

Bud Center



Tom McFinch

1:00 PM to 2:30
PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Bass-Bush-
Erudia Schools

TRUCK

Truck 6 - FedEx

Technician Training in Fleets

Technician training is ever evolving. In this session, we will discuss how FedEx Freight has adapted to the new way to educate and how we are preparing for the future.

Speakers

Chuck Kerr

2:30 PM to 3:00
PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco Foyer

Afternoon Break

In the foyer outside the meeting rooms.

Thursday, July 14

3:00 PM to 5:00 PM

CDT

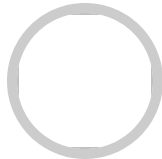
Embassy Suites Hotel -
Frisco, TX - Frisco 1

AUTO

Auto 7A - WORLDPAC Training Institute

Navigating the angles of ADAS

- Alignment within ADAS
- Dynamic versus static calibration
- RADAR LiDAR, stereophonic camera, proximity sensors
- Intro to autonomous, levels
- Hands-on ADAS calibration exercise

Speakers

Pamela Oakes

3:00 PM to 5:00 PM

CDT

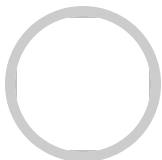
Embassy Suites Hotel -
Frisco, TX - Frisco 2

AUTO

Auto 7B - Continental

TPMS 2022 - Advanced TPMS Education for Automotive Instructors

Why TPMS? Importance of the Relearn procedure. System types and how they operate. Vital TPMS service tools and functions. REDI-Sensor™ The Next Generation. Correct maintenance and service techniques. Hands-on Tool demonstration.

Speakers

Sean Lannoo

[REDI-Sensor / Autodiagnos](#)
[Continental TPMS training booklet](#)
[Continental_REDI-Sensor_Post Card](#)
[REDI-Sensor_App](#)
[REDI-Sensor_Tech Support](#)
[REDI-Sensor_TriFold](#)
[REDI-Sensor_Update_Your_Tool](#)

Thursday, July 14

3:00 PM to 5:00 PM

CDT

Embassy Suites Hotel -
Frisco, TX - Frisco 3

AUTO

Auto 7C - Today's Class

Traditional and Adaptive Training Platforms

Today's Class has two methods of learning platforms that will be presented and demonstrated.

Speakers

Stan Moczulski

3:00 PM to 5:00 PM

CDT

Embassy Suites Hotel -
Frisco, TX - Frisco 4

AUTO

Auto 7D - The Group Training Academy

Electrification for Automotive Instructors

Adding Electrification training to your program is easy if you plan and have a strategy for implementation. This session will start with how to convey challenging topics like Voltage drop and how to apply individual learning Techniques. We will give some tips on teaching electricity. This section will be brief but loaded with important training techniques. We will then demonstrate using mock ups to show EV concepts. We will then move to Electric vehicle safety using a hands-on approach. Performing safety service steps on

[Show More](#)
Speakers

Tom Rayk



Vince Manship

3:00 PM to 5:00 PM

CDT

Embassy Suites Hotel -
Frisco, TX - Frisco 5

AUTO

Auto 7E - Subaru

Subaru's new generation ADAS-Eyesight System with Electronic Brake Booster

This ILT training session provides an overview of Electronic Brake Booster and EyeSight system features and operation. An overview of service and calibration procedures are also covered

Speakers

Bryan Craine

Thursday, July 14

3:00 PM to 5:00 PM

CDT

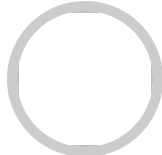
📍 Embassy Suites Hotel -
Frisco, TX - Frisco 7

AUTO

Auto 7F - Vertex Professional Services

Parasitic Draw Testing

This course will cover parasitic draw testing to diagnose for the concern of a battery becoming discharged prematurely.

Speakers

Gerald Mungle

3:00 PM to 5:00 PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 8

AUTO

Auto 7G - Cengage

3 Big Trends in Automotive Education to Keep an Eye On and How MindTap Can Help

Cengage is back to discuss the 3 biggest trends in automotive education and the impact you can make to ensure your students are ready using MindTap. During this session, we'll cover:

- Electric is Here to Stay! We'll explore our latest course offerings and how to prepare your students.
- It's Not Only About the Spanner: We'll look at how S/P2's industry-specific training modules in MindTap can help students with the soft skills they need.
- Increase

[Show More](#)
Speakers

Neena Bali

Thursday, July 14

3:00 PM to 5:00 PM

CDT

Embassy Suites Hotel -
Frisco, TX - Frisco 9

AUTO

Auto 7H - Mitchell 1

Teaching Students to Tell their Story

Many times while educating students in the field of automotive repair, the art of describing the work done is overlooked. Not "telling their story" costs them money, can lose credibility in the eyes of their customer and create liability for the shop. This session introduces use of shop management systems and tools to include in a robust curriculum designed to teach a student to use the tools the shop has invested in to "tell their story" and think about the business aspects of running a shop.

Speakers

Ben Johnson

[Teaching Students to Tell their Story](#)

3:00 PM to 5:00 PM

CDT

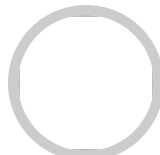
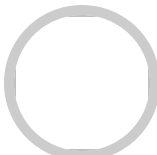
Embassy Suites Hotel -
Frisco, TX - Hamilton-
Lebanon Schools

COLLISION

Collision 7 - Miller Electric

Welding and Education

The Welding Industry's latest, alongside education 's greatest tools to build and improve your auto-collision program. Miller Electric is the leading global manufacturer in welding and has devoted resources and products to ensure the automotive industry has the capabilities to create and sustain their business. This session will encompass our innovative training tools that will boost recruitment, quality, and guaranteed savings for your programs. Learn about MIG Aluminum Welding process and what is being used in industry today. This session

[Show More](#)
SpeakersAthena Hinkle
Alexander

Patricia Carr

Thursday, July 14

3:00 PM to 5:00
PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Bass-Bush-
Erudia Schools

TRUCK

Truck 7 - Isuzu Truck

Evolution of Isuzu: Past, Current and Future Technologies

Join us as we cover the lineage of Isuzu and take a closer look into the variety of technologies used with medium-duty Isuzu trucks. We will cover Gas and Diesel fuel systems, Diesel aftertreatment, safety systems and a little bit on what to expect in the future. To supplement these areas, we will discuss common challenges that we see with technicians who service medium-duty Isuzu Trucks.

Speakers

Justin Ridings

[Evolution of Isuzu Presentation](#)
[Isuzu Truck University Access Request Form](#)

6:00 PM to 10:00
PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Dr. Pepper
Ballpark - Meet in Hotel Lo

Networking Event: Frisco Roughriders Baseball Game & Dinner

Meet in the hotel lobby at 6 pm and walk to the ballpark across the street. We have a reserved patio, all you can eat BBQ and sides, along with Dr. Pepper products and water. Every registered instructor and guest will receive a ticket to the game and 2 drink tickets, each good for a beer, glass of wine, or mixed drink. Additional drink tickets are \$5 each.

Friday, July 15

8:00 AM to 10:00 AM
CDT📍 Embassy Suites Hotel -
Frisco, TX - Frisco 1

AUTO

Auto 8A - Summit Racing

Modern Engine Swaps

Utilizing modern fuel injected muscle car and truck engines in project vehicles. How it is done and what is needed to make it work.

Speakers

Mark Lake

[Summit Racing LS Handbook](#)**8:00 AM to 10:00 AM**
CDT📍 Embassy Suites Hotel -
Frisco, TX - Frisco 2

AUTO

Auto 8B - Diagnostic Network

Visual Aids for Teaching ADAS Technology

Advanced Driver Assistance technology is populating vehicles at an incredible rate. ADAS calibration services are often required after various service operations are carried out on a vehicle. It's imperative that service technicians have the proper training and awareness of such systems. When teaching ADAS technology, utilizing visual aids that can be interacted with in the classroom goes a long way toward reinforcing knowledge and can help the student achieve a deeper understanding.

Speakers

Scott Brown

[ADAS Visuals for Instruction](#)

Friday, July 15

8:00 AM to 10:00 AM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 3

AUTO

Auto 8C - Standard Motor Products

AC System Flushing and Lubrication – Issues and Service Procedures

Improperly performed flushing or oil adding procedures are the most common cause of premature replacement compressor failure. A tremendous amount of confusion about these procedures exists in the industry. A thoroughly clean system and proper compressor lubrication are fundamental to compressor longevity. Join us for this class where we will explore in detail the many aspects of system flushing and lubrication that that should to be considered for successful compressor replacement.

Speakers

Peter McArdle

8:00 AM to 10:00 AM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 4

AUTO

Auto 8D - General Motors

General Motors Electric Future

My presentation will begin with a brief history of GM electric vehicles and move into present discussing features and technology of the new GM Ultium platforms and what is coming in the near future.

Speakers

Edward Turner

8:00 AM to 10:00 AM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 5

AUTO

Auto 8E - Today's Class

Traditional and Adaptive Training Platforms

Today's Class has two methods of learning platforms that will be presented and demonstrated.

Speakers

Stan Moczulski

Friday, July 15

8:00 AM to 10:00 AM

CDT

Embassy Suites Hotel -
Frisco, TX - Frisco 7

AUTO

Auto 8F - Volkswagen

Volkswagen Technologies

Exploring the fundamentals of Volkswagen's Input & Output Systems and highlighting the next generation of Electrification Technologies.

Speakers

Eliseo Estremera

8:00 AM to 10:00 AM

CDT

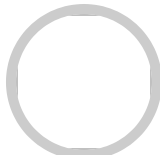
Embassy Suites Hotel -
Frisco, TX - Frisco 8

AUTO

Auto 8G - ConsuLab

Using an XY Voltmeter to Teach Beginning Automotive Electrical

Using an xy voltmeter (oscilloscope) to teach beginning automotive and diesel students will shorten the path required to the competent use of Kirchhoff's voltage laws to successfully troubleshoot electrical faults. Removing the digital multimeter from first contact and concentrating the instructor's efforts to expose the student to the concept of voltage over time, will result in the understanding of key elements of troubleshooting DC systems in the markets we serve. Come and join us in this hand

[Show More](#)**Speakers**

Jeffrey Curtis



Tim Dwyer

8:00 AM to 10:00 AM

CDT

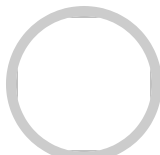
Embassy Suites Hotel -
Frisco, TX - Frisco 9

AUTO

Auto 8H - Autel

ADAS Calibration Best Practices

Vehicles with Advanced Driver Assistance Systems have been around for over 20 years, however the number of ADAS equipped vehicles on the road has increased dramatically in the last 2-3 years alone. Today, even the most basic vehicles are equipped with ADAS systems as standard equipment significantly increasing the number of ADAS calibrations which need to be performed today and in the future. This course will discuss the critical aspects of performing accurate calibrations of these systems.

Speakers

George Lesniak

Friday, July 15

8:00 AM to 10:00 AM

CDT

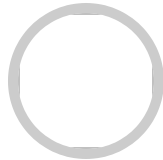
📍 Embassy Suites Hotel -
Frisco, TX - Hamilton-
Lebanon Schools

COLLISION

Collision 8 - Car-O-Liner

Alignment and ADAS Restoring the Vehicles Drive Direction

Vehicle post collision repair has never been as critical as it is today. For many years wheel alignment has been mainly treated as a maintenance service. The systems today require that the vehicle must be restored to the as-built condition for the systems to react and respond as designed. This course will identify how the aftermarket needs to correctly repair the vehicle and its collision mitigation systems.

Speakers

Chris Sobieski

8:00 AM to 10:00 AM

CDT

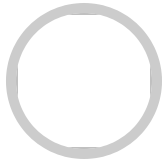
📍 Embassy Suites Hotel -
Frisco, TX - Bass-Bush-
Erudia Schools

TRUCK

Truck 8 - HDA Truck Pride / Meritor

Commercial Vehicle Wheel End Systems

Discussion will be focused on tapered roller bearing characteristics, commercial vehicle wheel end system types (conventional, preset designs, unitized hubs), and adjustment procedures.

Speakers

Rick Martin

10:00 AM to 10:30 AM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco Foyer

Morning Break

In the foyer outside the meeting rooms.

Friday, July 15

10:30 AM to
12:00 PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 1

AUTO

Auto 9A - Megatech Corporation

Electric Vehicles - Teaching High Voltage Batteries and Motors SAFELY

With the increased number of Electric Vehicles on the road, our students will need to know about basic operation and circuitry on EVs and hybrids. In this workshop, you will use the Megatech "Locktronics" benchtop training system to build circuits and perform measurements with lead-acid batteries, Lithium-Ion batteries, different types of motors, and electronic controls.

Speakers

Nick Lybrand

10:30 AM to
12:00 PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 2

AUTO

Auto 9B - Honda

Direct Injection

We will cover the construction and function of Honda's direct injection system. We will also cover some service issue along with troubleshooting.

Speakers

Timothy Maloney

[How to measure 2 and 3 wire Honda sensors](#)

10:30 AM to
12:00 PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 3

AUTO

Auto 9C - Tech-Labs

Electric and Hybrid Vehicles Training

We will be outlining hybrid and electrical vehicle training applications and methods via hands on training solutions and curriculum

Speakers

Mike Hickman

Friday, July 15

10:30 AM to
12:00 PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 4

AUTO

Auto 9D - CARQUEST Technical Institute

Introduction to BEV/HEV Service

This course will introduce instructors to the foundations of BEV/HEV service. Topics include drivetrain configuration, safety, necessary tools, and high voltage components and their operation. Attendees will leave with a better understanding of this emerging service market and how to prepare their student for future opportunities.

Speakers

Lonnie Horn

10:30 AM to
12:00 PM

CDT

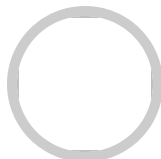
📍 Embassy Suites Hotel -
Frisco, TX - Frisco 5

AUTO

Auto 9E - Fixed First Visit Repair Training

Scan Tools - Beyond the DTC

The class is an overview of some other scan tool functions besides just code retrieval. We'll spend some time discussing the Generic/OBD side of the tool and the plethora of information stored there. Plus, we'll discuss how to utilize that information in everyday diagnostics.

Speakers

Todd Muni

10:30 AM to
12:00 PM

CDT

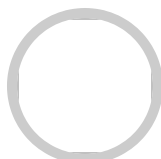
📍 Embassy Suites Hotel -
Frisco, TX - Frisco 7

AUTO

Auto 9F - WORLDPAAC Training Institute

New Technologies in EV & Hybrid HVAC Heat Pump Systems

Learn how consumer climate control and electrical temperature management operates in alternative fuel vehicles.

Speakers

Pamela Oakes

Friday, July 15

10:30 AM to
12:00 PM

CDT

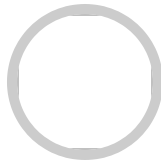
📍 Embassy Suites Hotel -
Frisco, TX - Frisco 8

AUTO

Auto 9G - asTech

Training the Technician of Tomorrow

Melding old school know how with state-of-the-art diagnostics, the automotive technician of the future must become a renaissance individual. From plumb bobs to laser levels, this session will cover how to effectively build the knowledge, skills and confidence of the technician moving into future of a highly evolving automotive landscape. We will discuss demonstrated methods for upscaling current and future technicians to tackle upcoming challenges in the automotive repair realm.

Speakers

Michael Terry

10:30 AM to
12:00 PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 9

AUTO

Auto 9H - CARFAX/Shop-Ware

Shop-Ware & The Importance of Shop Management Software

Understanding the Workflow process, better equip & train a new wave of technicians rolling into our shops & Educating your Customers

Speakers

Britt Ford

Marty
Kloosterman

Vasili Karamanos

10:30 AM to
12:00 PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Hamilton-
Lebanon Schools

COLLISION

Collision 9 - Chief

ADAS and Autonomous vehicle basics

A presentation on the basic types of ADAS sensors and how they are integral to autonomous vehicles.

Speakers

Lee Daugherty

Friday, July 15

10:30 AM to
12:00 PM

CDT

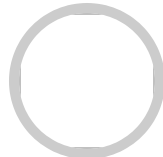
📍 Embassy Suites Hotel -
Frisco, TX - Bass-Bush-
Erudia Schools

TRUCK

Truck 9 - HDA Truck Pride / Meritor

Commercial Vehicle Cam Brake and Air Disc Brake Review

Discussion will be focused on current issues within the commercial vehicle industry related to cam brakes, automatic slack adjusters, and air brake chambers. Additionally, an overview of the current air disc brakes manufactured by Bendix, Meritor, WABCO PAN, WABCO MAXXUS, SAF Holland, and Haldex will be presented.

Speakers

Rick Martin

12:00 PM to 1:00
PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 6

Lunch

In the Frisco 6 ballroom.

1:00 PM to 2:30
PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 1

AUTO

Auto 10A - The Group Training Academy

6.7L Powerstroke Emissions and Update

We all know SCR and DPF systems demonstrate some challenges to diagnose and repair efficiently. Some of the concerns may be related to other engine systems. Join AVI trainer Tom Rayk to get some tips and advice as to these repairs. We will be looking at things like Ammonia slips angles, Scan tool diagnostics on NOX sensors. We will also spend some time with fuel system issues like high pressure pump failures. We will share a method to test injector triggers and spray using an oscilloscope. This 3 minute test can validate all

[Show More](#)**Speakers**

Tom Rayk



Vince Manship

Friday, July 15

1:00 PM to 2:30
PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 2

AUTO

Auto 10B - Honda

Direct Injection

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Speakers

Timothy Maloney

[How to measure 2 and 3 wire Honda sensors](#)

1:00 PM to 2:30
PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 3

AUTO

Auto 10C - Tech-Labs

Electric and Hybrid Vehicles Training

We will be outlining hybrid and electrical vehicle training applications and methods via hands on training solutions and curriculum

Speakers

Mike Hickman

1:00 PM to 2:30
PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 4

AUTO

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Introduction to BEV/HEV Service

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Speakers

Lonnie Horn

Friday, July 15

1:00 PM to 2:30
PM

CDT

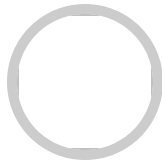
📍 Embassy Suites Hotel -
Frisco, TX - Frisco 5

AUTO

Auto 10E - Fixed First Visit Repair Training

Scan Tools - Beyond the DTC

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Speakers

Todd Muni

1:00 PM to 2:30
PM

CDT

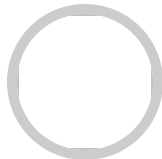
📍 Embassy Suites Hotel -
Frisco, TX - Frisco 7

AUTO

Auto 10F - WORLDPAC Training Institute

New Technologies in EV & Hybrid HVAC Heat Pump Systems

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Speakers

Pamela Oakes

1:00 PM to 2:30
PM

CDT

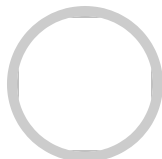
📍 Embassy Suites Hotel -
Frisco, TX - Frisco 8

AUTO

Auto 10G - asTech

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Speakers

Michael Terry

Friday, July 15

1:00 PM to 2:30
PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 9

AUTO

Auto 10H - CARFAX/Shop-Ware

Shop-Ware & The Importance of Shop Management Software

Understanding the Workflow process, better equip & train a new wave of technicians rolling into our shops & Educating your Customers

Speakers

Britt Ford

Marty
Kloosterman

Vasili Karamanos

1:00 PM to 2:30
PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Hamilton-
Lebanon Schools

COLLISION

Collision 10 - TBD

Presenter and Topic TBD

1:00 PM to 2:30
PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Bass-Bush-
Erudia Schools

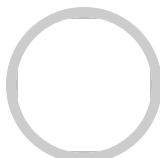
TRUCK

Truck 10 - T/A Petro

Powertrain Subnetwork Structure and Troubleshooting

This training session will discuss:

- A brief discussion of CAN datalink structure and function
- Basic datalink troubleshooting strategy
- What is a subnetwork?
- Subnetwork components, faults, and troubleshooting

Speakers

Daniel Mustafa

Friday, July 15

2:30 PM to 3:00 PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco Foyer

Afternoon Break

In the foyer outside the meeting rooms.

3:00 PM to 5:00 PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 1

AUTO

Auto 11A - Summit Racing

Modern Engine Swaps

Utilizing modern fuel injected muscle car and truck engines in project vehicles. How it is done and what is needed to make it work.

Speakers

Mark Lake

[Summit Racing LS Handbook](#)

3:00 PM to 5:00 PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 2

AUTO

Auto 11B - Diagnostic Network

Visual Aids for Teaching ADAS Technology

Advanced Driver Assistance technology is populating vehicles at an incredible rate. ADAS calibration services are often required after various service operations are carried out on a vehicle. It's imperative that service technicians have the proper training and awareness of such systems. When teaching ADAS technology, utilizing visual aids that can be interacted with in the classroom goes a long way toward reinforcing knowledge and can help the student achieve a deeper understanding.

Speakers

Scott Brown

[ADAS Visuals for Instruction](#)

Friday, July 15

3:00 PM to 5:00
PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 3

AUTO

Auto 11C - Standard Motor Products

Impact of Airflow on HVAC Performance and Diagnosing Airflow Related Issues

Insufficient condenser airflow is a common and often misdiagnosed cause of poor air-conditioning system performance and premature compressor failure, even when there is no evidence of engine overheating. Join us for this class where you will learn how to get a "solid" handle on airflow diagnostics. We will cover conventional and electronic viscous fan clutches, electric cooling fans, active grille shutters and more.

Speakers

Peter McArdle

3:00 PM to 5:00
PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 4

AUTO

Auto 11D - General Motors

General Motors Electric Future

My presentation will begin with a brief history of GM electric vehicles and move into present discussing features and technology of the new GM Ultium platforms and what is coming in the near future.

Speakers

Edward Turner

3:00 PM to 5:00
PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Frisco 5

AUTO

Auto 11E - Ford

Ford Hybrid and Electrical Vehicles

This session cover Ford Hybrid and Electrical Vehicle systems and technology. Topic include: MHT technology, Electric Vehicle and control system overview, charging technology charging.

Speakers

Don Cofer

[Ford Hybrid and Electric Vehicles](#)

Friday, July 15

3:00 PM to 5:00 PM

CDT

Embassy Suites Hotel -
Frisco, TX - Frisco 7

AUTO

Auto 11F - Volkswagen

Volkswagen Technologies

Exploring the fundamentals of Volkswagen's Input & Output Systems and highlighting the next generation of Electrification Technologies.

Speakers

Eliseo Estremera

3:00 PM to 5:00 PM

CDT

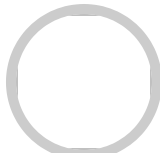
Embassy Suites Hotel -
Frisco, TX - Frisco 8

AUTO

Auto 11G - ConsuLab

Two heads are better than one, especially face to face again!

Make plans to attend a team-based engine performance class where we will all analyze the diagnostic thought process as much as the data needed in order to develop and teach your students a successful strategy diagnosis. Case studies will be demonstrated on a live GM 1.4L Turbo engine that starts, runs and can be faulted to misbehave. Attendees will be tasked to help diagnose these case studies based on a variety of testing methods. Come share how you currently teach or just listen to how others

Speakers

Jeffrey Curtis



Tim Dwyer

3:00 PM to 5:00 PM

CDT

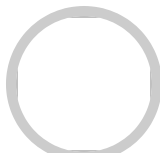
Embassy Suites Hotel -
Frisco, TX - Frisco 9

AUTO

Auto 11H - Autel

ADAS Calibration Best Practices

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Speakers

George Lesniak

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CDT

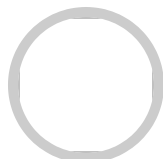
📍 Embassy Suites Hotel -
Frisco, TX - Hamilton-
Lebanon Schools

COLLISION

Collision 11 - AkzoNobel

Digital Color and Integration

Our industries progression towards advanced digital solutions extends throughout the entire repair process including the paint. At Akzo Nobel we are continuing our effort with products such as Mixit, Auto matchit, and Carbeat. This presentation will discuss color digitalization, how it was developed, and why it will play an important role for technicians of the future.

Speakers

Jason Wall

3:00 PM to 5:00
PM

CDT

📍 Embassy Suites Hotel -
Frisco, TX - Bass-Bush-
Erudia Schools

TRUCK

Truck 11 - Noregon

Utilizing Noregon JPRO For Education - Part 2

Continued discussion on using Noregon JPRO in a multitude of areas. Starting a work order, Preventative Maintenance, Diagnose and Trouble Shooting, Breaks, ADAS, Aftertreatment, and Data Driven Management.

Speakers

Bill Alday

[Noregon JPRO utilization for education](#)