

10th Annual



Innovate • Integrate • Motivate

INSTRUCTOR TRAINING CONFERENCE

**Hyatt Regency Hotel
Minneapolis, MN
July 15-18, 2024
Full Program**



To view the agenda and any last-minute updates on your phone, scan this QR code

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Monday, July 15

<p>7:00 AM to 5:00 PM CDT</p> <p>📍 Hyatt Regency Minneapolis</p> <p>📌 COLLISION</p>	<p>3M One Day Training</p> <p>Collision Repair / Refinish Instructors registered to attend the ASE Instructor Training Conference are invited to participate in this special one-day training event at the 3M Skills Development Center in St. Paul MN on Monday, July 15th. There is no extra cost to attend this optional session. The program starts at 8 am and ends at 5 pm. Transportation from/to the Hyatt Regency Minneapolis and lunch are included. Participation is limited to the first 16 collision repair/refinish instructors who sign up. Topics include:</p> <ul style="list-style-type: none"> • Shop intro and PPE • Panel Removal • Weld B <p>Show More</p>
<p>7:00 AM to 5:00 PM CDT</p> <p>📍 Hyatt Regency Minneapolis</p> <p>📌 COLLISION</p>	<p>Waitlist for 3M One Day Training</p> <p>Waitlist for 3M One Day Training</p>
<p>8:00 AM to 4:00 PM CDT</p> <p>📍 Hyatt Regency Minneapolis - Lakeshore A - 1st floor</p> <p>📌 TRUCK 📌 COLLISION 📌 AUTO</p>	<p>ETL Training</p> <p>This one-day training will be held July 15 at the Hyatt Regency Minneapolis hotel (site of the Instructor Conference.) If this training is full, there are other training events around the U.S. during April, May and June. See the ETL Training Flier in the Documents section of the Conference website for more details.</p> <p>Speakers</p> <div data-bbox="516 1438 673 1585">  </div> <p>Marlo Miranda</p>

Monday, July 15


 <p>8:00 AM to 4:00 PM CDT</p> <p>📍 Hyatt Regency Minneapolis</p> <p> ↗ TRUCK ↗ COLLISION ↗ AUTO </p>	<p>Waitlist for ETL Training</p> <p>This is the waitlist for the one-day training to be held July 15 at the Hyatt Regency Minneapolis hotel (site of the Instructor Training Conference). If we cannot accommodate you at the ASE Instructor Conference, there are other training events around the U.S. during April, May and June. See the ETL Training Flier in the Documents section of the Conference website for more details.</p>
 <p>10:00 AM to 4:00 PM CDT</p> <p>📍 Hyatt Regency Minneapolis - Minnehaha - 2nd floor</p> <p> ↗ TRUCK ↗ COLLISION ↗ AUTO </p>	<p>ASE Testing</p> <p>ASE Certification Testing will be available at the Instructor Training Conference on Monday July 15 from 10 am to 4 pm, Tuesday July 16 from 10 am to 4 pm, and on Wednesday July 17 from 8 am to 4 pm. Advance registration is required. Seats are limited. No walk-in testing allowed.</p>
 <p>6:00 PM to 8:00 PM CDT</p> <p>📍 Hyatt Regency Minneapolis - Hyatt Exhibit Hall - 1st floor</p> <p> ↗ TRUCK ↗ COLLISION ↗ AUTO </p>	<p>Welcome Reception</p> <p>Catch up with old friends, make some new ones, and get ready for a great week of training!</p>

Tuesday, July 16

<div style="background-color: #008000; width: 15px; height: 15px; margin-bottom: 5px;"></div> <div style="background-color: #FF8C00; width: 15px; height: 15px; margin-bottom: 5px;"></div> <div style="background-color: #008080; width: 15px; height: 15px; margin-bottom: 5px;"></div> <div style="background-color: #444; width: 15px; height: 15px;"></div> <p>6:00 AM to 8:00 AM CDT</p> <p>📍 Hyatt Regency Minneapolis - Nicollet Ballroom - 1st floor</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p>👉 TRUCK</p> <p>👉 COLLISION</p> <p>👉 AUTO</p> </div>	<p>Tuesday Breakfast</p> <p>In the Nicollet Ballroom on the 1st floor.</p>
<div style="background-color: #008000; width: 15px; height: 15px; margin-bottom: 5px;"></div> <div style="background-color: #FF8C00; width: 15px; height: 15px; margin-bottom: 5px;"></div> <div style="background-color: #008080; width: 15px; height: 15px; margin-bottom: 5px;"></div> <div style="background-color: #444; width: 15px; height: 15px;"></div> <p>8:00 AM to 10:00 AM CDT</p> <p>📍 Hyatt Regency Minneapolis - Nicollet Ballroom - 1st floor</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p>👉 TRUCK</p> <p>👉 COLLISION</p> <p>👉 AUTO</p> </div>	<p>Conference Opening Session - Orange is the New Yellow - Adding Hybrid/EV to your Program</p> <p>A short update on the latest ASE Certification and ASE Education Foundation activities, followed by a keynote discussion panel on adding Hybrid/EV curriculum to your program - how to plan, budget, and implement.</p> <p>Speakers</p> <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  Greg Quirin </div> <div style="text-align: center;">  Lew Olivier </div> <div style="text-align: center;">  Michael Godson </div> <div style="text-align: center;">  Mike Coley </div> <div style="text-align: center;">  Zach Hope </div> </div>
<div style="background-color: #008000; width: 15px; height: 15px; margin-bottom: 5px;"></div> <div style="background-color: #FF8C00; width: 15px; height: 15px; margin-bottom: 5px;"></div> <div style="background-color: #008080; width: 15px; height: 15px; margin-bottom: 5px;"></div> <div style="background-color: #444; width: 15px; height: 15px;"></div> <p>9:55 AM to 4:00 PM CDT</p> <p>📍 Hyatt Regency Minneapolis - Minnehaha - 2nd floor</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p>👉 TRUCK</p> <p>👉 COLLISION</p> <p>👉 AUTO</p> </div>	<p>ASE Testing</p> <p>ASE Certification Testing will be available at the Instructor Training Conference on Monday July 15 from 10 am to 4 pm, Tuesday July 16 from 10 am to 4 pm, and on Wednesday July 17 from 8 am to 4 pm. Advance registration is required. Seats are limited. No walk-in testing allowed.</p>

Tuesday, July 16

<p>10:00 AM to 10:30 AM</p> <p>CDT</p> <p>📍 Hyatt Regency Minneapolis - Promenade - 1st floor & 2nd floor</p> <p>👉 TRUCK 👉 COLLISION 👉 AUTO</p>	<p>Morning Break</p> <p>Outside the training rooms on both 1st and 2nd floor.</p>
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<p>10:30 AM to 12:00 PM</p> <p>CDT</p> <p>📍 Hyatt Regency Minneapolis - Lakeshore A - 1st floor</p> <p>👉 AUTO</p>	<p>Auto 1A - Hunter Engineering</p> <p>An Introduction to Alignment Confidence</p> <p>A chance to get more comfortable with the opportunities associated with Alignment work from a Shop Owner's/Technician's/Educator's perspective and an overview of alignment fundamentals intended to help educators with explanations of those concepts for their students. We will also be highlighting helpful features of Alignment Machines to help YOUR students be more confident as they enter the work force.</p> <p>Speakers</p> <div data-bbox="509 1199 664 1346"></div> <p>Justin Allen</p>
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Tuesday, July 16

10:30 AM to
12:00 PM

CDT

📍 Hyatt Regency

Minneapolis - Lakeshore B
- 1st floor

📍 AUTO

Auto 1B - Phinia

A Systematic Approach to Teaching Readiness Flags & Monitor Tests

Valuable data can be collected from the scan tool while sitting in the driver's seat. Every DTC that turns on the MIL has a related monitor test. A MIL commanded "ON" means a monitor test ran and failed. Whether or not the technician is part of an emissions program, the commanded "ON" MIL means an emission failure has occurred.

This workshop will fill in "Between the Lines" that the books

[Show More](#)

Speakers



Rick Escalambre

10:30 AM to
12:00 PM

CDT

📍 Hyatt Regency

Minneapolis - Lakeshore C
- 1st floor

📍 AUTO

Auto 1C - CDX Learning

Revolutionizing Mobility: Innovations in Electric Vehicles and Cutting-Edge Automotive Technologies

This presentation will expose the highlights of the Automotive sector shift to a more sustainable future. This will include new technologies, industry direction, along with teaching features that can be implemented into any automotive curriculum.

Speakers



Nick Goodnight

Tuesday, July 16

10:30 AM to
12:00 PM

CDT

📍 Hyatt Regency

Minneapolis - Greenway HI
- 2nd floor

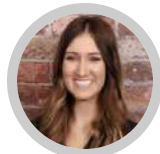
📍 AUTO

Auto 1D - iCEV

Preparing Today's Learners for the Automotive Industry

Are you looking to increase student engagement within your automotive courses? Join this session to see how iCEV's brand-new transportation curriculum can be used to engage today's learners and set them up for a successful career in the industry.

Speakers



Alyssa Tarbet



Angela Daly

10:30 AM to
12:00 PM

CDT

📍 Hyatt Regency

Minneapolis - Greenway
DE - 2nd floor

📍 AUTO

Auto 1F - Cengage

Fueling Student Success: New Content and Resources for Automotive Courses

Want to keep your Automotive students engaged with the latest and most relevant content? Cengage is here to show you how our newest titles and updated editions prepare students for success—both in the classroom and in their future careers. You'll also learn about upcoming improvements to the online learning platform MindTap and how you can harness them to customize your course according to your learning objectives.

Speakers



Alice Willenbrink



Morgan Gauthier

Tuesday, July 16

10:30 AM to
12:00 PM

CDT

📍 Hyatt Regency
Minneapolis - Greenway
FG - 2nd floor

📍 AUTO

Auto 1G - Elite Tuned School

ECU Calibration Training and Programs GM LSX/LTX and FORD

The importance of Tuning Calibration Training and offerings to technicians
Programs offered to both high school, college and the general public
Student and College Success stories
Future of Calibration Industry

Speakers



Branden Leeb



Mike Carnahan

10:30 AM to
12:00 PM

CDT

📍 Hyatt Regency
Minneapolis - Greenway J
- 2nd floor

📍 COLLISION

COLLISION 1 - SATA USA

How Proper Air Quality and Air Volume Impacts Your Spray Guns and Paint Work

Going over the basics of how a gun needs adequate air volume, proper sized fittings and properly run airlines to techniques that can dramatically improve efficiency of repairs.

Speakers



Brad Gravenhof



Tony Larimer

Tuesday, July 16

10:30 AM to
12:00 PM

CDT

📍 Hyatt Regency

Minneapolis - Greenway A

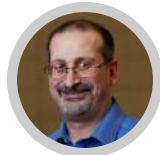
- 2nd floor

📍 TRUCK

Truck 1 - ExxonMobil

Heavy Duty Lubricants, Fuels, and Coolant Training

Speakers



Paul Cigala

12:00 PM to 1:00
PM

CDT

📍 Hyatt Regency

Minneapolis - Nicollet

Ballroom - 1st floor

📍 TRUCK
📍 COLLISION
📍 AUTO

Tuesday Lunch

In the Nicollet Ballroom on the 1st floor.

1:00 PM to 2:30
PM

CDT

📍 Hyatt Regency

Minneapolis - Lakeshore A

- 1st floor

📍 AUTO

Auto 2A - Hunter Engineering

An Introduction to Alignment Confidence

A chance to get more comfortable with the opportunities associated with Alignment work from a Shop Owner's/Technician's/Educator's perspective and an overview of alignment fundamentals intended to help educators with explanations of those concepts for their students. We will also be highlighting helpful features of Alignment Machines to help YOUR students be more confident as they enter the work force.

Speakers



Justin Allen

Tuesday, July 16

1:00 PM to 2:30 PM

CDT

Hyatt Regency

Minneapolis - Lakeshore B
- 1st floor

AUTO

Auto 2B - Phinia

A Systematic Approach to Teaching the Running of Monitor Tests

While attempting to verify a repair, the PCM cannot verify the success of the repair if a monitor test does not run. The systematic approach presented will help the technician identify the correct enable criteria, address MODE \$06 in detail, and demonstrate the variations in Drive Cycles. Other related topics covered are what is meant by inferred exhaust time, the difference between parallel and series monitor tests, test samples and flow counts,

[Show More](#)

Speakers



Rick Escalambre

1:00 PM to 2:30 PM

CDT

Hyatt Regency

Minneapolis - Lakeshore C
- 1st floor

AUTO

Auto 2C - CDX Learning

Revolutionizing Mobility: Innovations in Electric Vehicles and Cutting-Edge Automotive Technologies

This presentation will expose the highlights of the Automotive sector shift to a more sustainable future. This will include new technologies, industry direction, along with teaching features that can be implemented into any automotive curriculum.

Speakers



Nick Goodnight

Tuesday, July 16

1:00 PM to 2:30 PM

CDT

Hyatt Regency

Minneapolis - Greenway HI
- 2nd floor

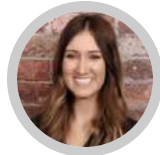
AUTO

Auto 2D - iCEV

Preparing Today's Learners for the Automotive Industry

Are you looking to increase student engagement within your automotive courses? Join this session to see how iCEV's brand-new transportation curriculum can be used to engage today's learners and set them up for a successful career in the industry.

Speakers



Alyssa Tarbet



Angela Daly

1:00 PM to 2:30 PM

CDT

Hyatt Regency

Minneapolis - Greenway
DE - 2nd floor

AUTO

Auto 2F - Automotive Lift Institute & Rotary Solutions

ALI Presents Rotary Solutions - Modern Lift and Wheel service Equipment For Today's Instructor

The Automotive lift Institute (ALI) introduces Rotary Lift. This presentation is the first in a series of discussions about industry wheel service and automotive lift innovation discussions led by Rotary Solutions. This presentation will be interactive and will show the latest in EV lifting, wheel service, and shop advancements for today's students and instructors.

Speakers



Bob O'Gorman



Colin Speer



Jason Matthews

Tuesday, July 16

1:00 PM to 2:30 PM

CDT

Hyatt Regency
Minneapolis - Greenway
FG - 2nd floor

AUTO

Auto 2G - Elite Tuned School

ECU Calibration Training and Programs GM LSX/LTX and FORD

The importance of Tuning Calibration Training and offerings to technicians
Programs offered to both high school, college and the general public
Student and College Success stories
Future of Calibration Industry

Speakers



Branden Leeb



Mike Carnahan

1:00 PM to 2:30 PM

CDT

Hyatt Regency
Minneapolis - Greenway J
- 2nd floor

COLLISION

Collision 2 - Intertek/CAPA

Certified Aftermarket Parts: CAPA/Intertek's Process to Ensure Quality

This presentation will cover an overview of Intertek and CAPA. It will provide insight and a review of the different types of testing conducted to certify aftermarket parts to confirm they meet the CAPA standards which are developed to ensure functional equivalence to car company service parts.

Speakers



Stacy Bartnik

Tuesday, July 16

1:00 PM to 2:30 PM

CDT

Hyatt Regency

Minneapolis - Greenway A
- 2nd floor

TRUCK

Truck 2 - TAG Truck Center

The In's and Out's of Computers, AI and Humans

This course equips diesel instructors with cutting-edge techniques to teach modern commercial truck systems. Learn how truck computers interpret inputs to drive outputs, and explore the role of AI in enhancing training methods. Gain insights into how today's students process information and apply logic, ensuring effective and impactful instruction for the next generation of diesel technicians.

Speakers



Michael Williams

2:30 PM to 3:00 PM

CDT

Hyatt Regency

Minneapolis - Promenade -
1st floor & 2nd floor

TRUCK

COLLISION

AUTO

Afternoon Break

Outside the training rooms on both 1st and 2nd floor.

Tuesday, July 16

3:00 PM to 5:00 PM

CDT

Hyatt Regency

Minneapolis - Lakeshore A
- 1st floor

AUTO

Auto 3A - Diagnostic Network

Using Visual Tools for Advanced Driver Assistance Systems (ADAS) Instruction

Welcome to the "Using Visual Tools for ADAS Instruction" session, designed specifically for automotive technology instructors tasked with providing ADAS instruction. Included in the session:

- ADAS Basics – a review of the science supporting these systems and how a deeper understanding of the technologies can support successful service and repair.
- Advancements with perception systems powering today's and tomorrow's vehicles.
- Case studies that de

[Show More](#)

Speakers



Scott Brown

3:00 PM to 5:00 PM

CDT

Hyatt Regency

Minneapolis - Lakeshore B
- 1st floor

AUTO

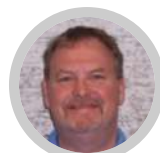
Auto 3B - AC Delco

Data Communication Operation and Diagnosis

Upon completion of this seminar, participants will be able to apply knowledge of the following topics to understand, diagnose and repair data communication networks:

- 1.Virtual Intelligence Platform (VIP) architecture.
- 2.Serial data gateway modules.
- 3.Common symptoms of network faults.
- 4.How to diagnose network issues.

Speakers



Jerry Tempel

Tuesday, July 16

3:00 PM to 5:00 PM

CDT

Hyatt Regency
Minneapolis - Lakeshore C
- 1st floor

AUTO

Auto 3C - Sensata

Guide to TPMS Troubleshooting and Best Practices

Understanding TPMS sensor protocol and the differences between Radio frequency, Bluetooth transmissions

Differences between TPMS sensor programming and relearning procedures

How to copy/clone a TPMS sensor

Speakers



Yanick Leduc

3:00 PM to 5:00 PM

CDT

Hyatt Regency
Minneapolis - Greenway HI
- 2nd floor

AUTO

Auto 3D - Permatex

Hybrid and Battery Electric Vehicles and Permatex Products

There's a big push towards Electric Vehicles, there is also a lot of misconceptions on maintenance and repairs. We will discuss the similarities and differences between Hybrid and Battery Electric Vehicles maintenance and repairs compared to ICE vehicles. This will include the Electrical System, Motor, Powertrain, and Braking and how our chemical products fit.

Speakers



Anthony Mond

Tuesday, July 16

3:00 PM to 5:00 PM

CDT

Hyatt Regency
Minneapolis - Greenway
BC - 2nd floor

AUTO

Auto 3E - autoINENG.io

The Importance of Following Pythagoras Theorem From Alignment to ADAS

Travel through the semi-autonomous journey of an OE vehicle from the consumer road trip to sensor coding/lab learning and find out why all geometries count when it comes to fulfilling future ADAS functionality to reach Level 5 and what we need to teach our future technicians.

Speakers



Pam Oakes

3:00 PM to 5:00 PM

CDT

Hyatt Regency
Minneapolis - Greenway
DE - 2nd floor

AUTO

Auto 3F - CCAR

Creating Safety Standards for the Classroom of Lab

This session will discuss best practices for creating a safety standard for your classroom that is compliant with OSHA as well as cover the appropriate handling of hazardous materials.

Speakers



Bob McGinn



Kate Henmueller

Tuesday, July 16

3:00 PM to 5:00 PM

CDT

Hyatt Regency
Minneapolis - Greenway
FG - 2nd floor

AUTO

Auto 3G - Pearson Education

The Level 2 ASE (xEV) Safety Exam and Program Changes

This presentation will cover the 20 content areas of the new ASE Level 2 (xEV) Safety Exam as well as the changes to the ASE Education Foundation task lists as they relate to the electricity and electric vehicles. Examples of how the content areas and the task list changes are being implemented in our hybrid and electric program will be included.

Speakers



Curt Ward

3:00 PM to 5:00 PM

CDT

Hyatt Regency
Minneapolis - Greenway J
- 2nd floor

COLLISION

Collision 3 - Sherwin-Williams

Preparing Your Students for SKILLS USA & Their Future Industry Opportunities

Discussion on Skills USA preparedness and Job Opportunities through different entities along with how Sherwin-Williams supports their career growth and the opportunities within Sherwin-Williams. Information pertaining to Skills USA, what you can do to prepare and how the students can prepare will all be delivered.

Speakers



Gunnar Long

Tuesday, July 16

3:00 PM to 5:00 PM

CDT

Hyatt Regency

Minneapolis - Greenway A
- 2nd floor

TRUCK

Truck 3 - ConMet

Wheel Ends for Heavy Duty Truck and Trailer

This class will cover identification, installation, inspection, maintenance, and failure analysis of wheel ends typically found on Medium and Heavy Duty trucks and trailers.

Speakers



Roger Maye

5:00 PM to 7:30 PM

CDT

Hyatt Regency


Minneapolis - Hyatt Exhibit
Hall - 1st floor

TRUCK
COLLISION
AUTO

Sponsor Expo

Come grab a drink, visit with our sponsors, and win some very nice door prizes, **including an \$1,800 Quikjack Vehicle Lift and a \$21,000 Rotary Tire Changer - you must be present to win!**

Wednesday, July 17

<p>6:00 AM to 8:00 AM CDT</p> <p>📍 Hyatt Regency Minneapolis - Nicollet Ballroom - 1st floor</p> <p>👉 TRUCK 👉 COLLISION 👉 AUTO</p>	<p>Wednesday Breakfast</p> <p>In the Nicollet Ballroom on the 1st floor.</p>
<p>7:55 AM to 4:00 PM CDT</p> <p>📍 Hyatt Regency Minneapolis - Minnehaha - 2nd floor</p> <p>👉 TRUCK 👉 COLLISION 👉 AUTO</p>	<p>ASE Testing</p> <p>ASE Certification Testing will be available at the Instructor Training Conference on Monday July 15 from 10 am to 4 pm, Tuesday July 16 from 10 am to 4 pm, and on Wednesday July 17 from 8 am to 4 pm. Advance registration is required. Seats are limited. No walk-in testing allowed.</p>
<p>8:00 AM to 10:00 AM CDT</p> <p>📍 Hyatt Regency Minneapolis - Lakeshore A - 1st floor</p> <p>👉 AUTO</p>	<p>Auto 4A - Consulab</p> <p>Charge Forward with EV Training</p> <p>This course is designed to help equip instructors with the knowledge and skills necessary to excel in the rapidly growing electric vehicle (EV) training. Through hands-on training and expert instruction, you will have the opportunity to learn about EV technology, certification, safety, systems, and High voltage components. This course is an interactive course with hands on instruction and demonstrations.</p> <p>Speakers</p> <div data-bbox="516 1654 672 1808"></div> <p>Dave Giles</p>

Wednesday, July 17

8:00 AM to 10:00 AM

CDT

Hyatt Regency

Minneapolis - Lakeshore B
- 1st floor

AUTO

Auto 4B - NAPA AutoTech

Hybrid and EV – AC Diagnostics

With the ever-expanding line of Hybrid and EV vehicle models being released, we need to know how to service various systems accurately and safely in these vehicles. The fundamentals of air conditioning haven't changed, but there are some important details that must be known, and safety procedures followed in relation to these high[1]voltage systems. Students will be taught about safety precautions, component construction and

operation, compressor design and heat pump systems, and diagnostics. Follow along as we introduce

[Show More](#)

Speakers



Randy Cowan

8:00 AM to 10:00 AM

CDT

Hyatt Regency

Minneapolis - Lakeshore C
- 1st floor

AUTO

Auto 4C - Garage Gurus

CAN Networks

Since many newer vehicles can have 30 or more onboard computers, this clinic helps technicians understand, identify and diagnose CAN (Controller Area Network) vehicle communication networks. We review network fundamentals to help the technician understand the need, strategy and protocol of CAN. To aid in diagnostics, various types of network topologies are reviewed and explained. To help pinpoint CAN failures.

Speakers



Drew
Jablonowski

Wednesday, July 17

8:00 AM to
10:00 AM

CDT

📍 Hyatt Regency

Minneapolis - Greenway HI
- 2nd floor

📍 AUTO

Auto 4D - BMW

BMW Remote Diagnosis / BMW Carbon & Aluminum Structural Repairs

Will be discussing how the remote diagnosis system RITA works. Talk about the advantages of the customer not needing to bring the car into the shop to get diagnosed. Will also be discussing the two structural body classes we teach at BMW Aluminum and Carbon. What we do in the classes and talk about how we repair some of the damages. Also touch on the makeup of our Aluminum outer panels.

Speakers



Erik Stippich



Jim Armell

8:00 AM to
10:00 AM

CDT

📍 Hyatt Regency

Minneapolis - Greenway
BC - 2nd floor

📍 AUTO

Auto 4E - Honda

Keeping it Cool

System operation and troubleshooting techniques for modern automotive air conditioning systems.

Speakers



Dave Degeer

Wednesday, July 17

8:00 AM to
10:00 AM

CDT

📍 Hyatt Regency
Minneapolis - Greenway
DE - 2nd floor

📍 AUTO

Auto 4F - Permatex

Permatex Products and Engine Building

Since 1909, Permatex products have been used in workshops, garages, service stations, and at racetracks around the world. Whether it is a daily driver or an all-out race engine there are components of an engine that need to be sealed, lubricated, and/or resized/replaced. Whether tearing an engine down for the first time, refreshing or rebuilding, we have products that can help you do the job.

Speakers



Anthony Mondì

8:00 AM to 10:00
AM

CDT

📍 Hyatt Regency
Minneapolis - Greenway
FG - 2nd floor

📍 AUTO

Auto 4G - Toyota

Toyota's E-KDSS System Overview

This will cover Toyota/Lexus' Electronic Kinetic Dynamic Suspension System that is used to improve off-road performance, ride comfort and stability by controlling the front and rear stabilizer bar effect in various road-surface conditions

Speakers



Chad Rudloff

Wednesday, July 17

8:00 AM to 10:00 AM

CDT

Hyatt Regency

Minneapolis - Mirage - 2nd floor

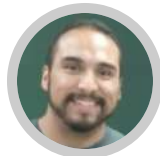
AUTO

Auto 4H - Volkswagen

Electrical Diagrams & New Technologies at Volkswagen

- We will be going over how to access VW information for understanding of our systems.
- We will be looking at our wiring, how it is followed and important things to look at for possible repairs.
- We'll also be taking a look at a few technology changes to our vehicles and ways to review for retention of class info.

Speakers



Mario Zacarias

8:00 AM to 10:00 AM

CDT

Hyatt Regency

Minneapolis - Greenway J - 2nd floor

COLLISION

Collision 4 - Axalta

ADAS and Paint

The adoption of Advanced Driver Assistance Systems (ADAS) has dramatically increased over the past decade, leading to significant improvements in vehicle safety and driving convenience. There are several different types of sensors that are key to the operation of ADAS. Radar is a critical component as it has a much larger detection range, is less affected by weather conditions and operates while the vehicle is moving at high speeds, compared to ultrasonic sensors which are mainly used for parking assistance. Radars are o


[Show More](#)

Speakers





Normand Cormier

Wednesday, July 17

<p>8:00 AM to 10:00 AM CDT Hyatt Regency Minneapolis - Greenway A - 2nd floor</p> <p>TRUCK</p>	<p>Truck 4 - Daimler Truck</p> <p>Freightliner BEV Trucks</p> <p>Daimler Truck North America battery electric vehicle safety and technical overview of Freightliner eCascadia/eM2. Also, a short introduction on the Get Ahead program and how it can benefit instructors/students.</p> <p>Speakers</p>  <p>Mike Mallett</p>
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<p>10:00 AM to 10:30 AM CDT Hyatt Regency Minneapolis - Promenade - 1st floor & 2nd floor</p> <p>TRUCK COLLISION AUTO</p>	<p>Morning Break</p> <p>Outside the training rooms on both 1st and 2nd floor.</p>
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<p>10:30 AM to 12:00 PM CDT Hyatt Regency Minneapolis - Lakeshore A - 1st floor</p> <p>AUTO</p>	<p>Auto 5A - Snap-on</p> <p>Wheel Alignment and ADAS Calibrations - Understanding Drive Direction</p> <p>Advanced Driver Assist Systems work off of series of assumptions, we will uncover the cause and effect on improper alignment both mechanical and electrical.</p> <p>Speakers</p>   <p>Chris Sobieski Jordan Krebs</p>
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Wednesday, July 17

10:30 AM to
12:00 PM

CDT

📍 Hyatt Regency

Minneapolis - Lakeshore B
- 1st floor

📍 AUTO

Auto 5B - Electude

Preparing for Electric Vehicle Instruction

The transition to electric vehicle instruction provides a unique challenge to secondary and post-secondary automotive technology programs and instructors. This presentation will provide educators an overview of the considerations for EV curriculum, certification, and instruction, including strategies for incorporating the new Electude Connect EV training aids into automotive and EV programs.

Speakers



Dave Macholz

10:30 AM to
12:00 PM

CDT

📍 Hyatt Regency

Minneapolis - Lakeshore C
- 1st floor

📍 AUTO

Auto 5C - Garage Gurus

CAN Networks

Since many newer vehicles can have 30 or more onboard computers, this clinic helps technicians understand, identify and diagnose CAN (Controller Area Network) vehicle communication networks. We review network fundamentals to help the technician understand the need, strategy and protocol of CAN. To aid in diagnostics, various types of network topologies are reviewed and explained. To help pinpoint CAN failures.

Speakers



Drew
Jablonowski

Wednesday, July 17

10:30 AM to
12:00 PM

CDT

📍 Hyatt Regency

Minneapolis - Greenway HI
- 2nd floor

📍 AUTO

Auto 5D - Megatech

Understanding What's Inside an ECU Can Improve Your Diagnostic Skills

"What's the difference between a pull-up resistor and a pull-down resistor?" "How does the ECU turn on that blower motor, LED, injector, or solenoid?" While we don't usually repair Electronic Control Units, if we know what is going on inside an ECU, it can help us understand a diagnostic procedure and develop our own diagnostic procedures. In this workshop, we'll use the Megatech "ECU Architecture" kit to build a simple ECU. Then we will build a variety of circuits usi

[Show More](#)

Speakers



Jerry Hampton

10:30 AM to
12:00 PM

CDT

📍 Hyatt Regency

Minneapolis - Greenway
BC - 2nd floor

📍 AUTO

Auto 5E - Automotive Lift Institute & BendPak

ALI Presents BendPak – Lift Safety and Wheel Service Solutions For Today's Instructor

The Automotive lift Institute (ALI) introduces BendPak. This presentation is the second in a series of discussions about industry wheel service and automotive lift innovation discussions and it will be led by a member of the BendPak team. This presentation will be interactive, will show the latest in EV lifting, wheel service, and shop advancements for today's students and instructors.

Speakers



Bob O'Gorman



David Shedlock

Wednesday, July 17

10:30 AM to
12:00 PM

CDT

📍 Hyatt Regency
Minneapolis - Greenway
DE - 2nd floor

📍 AUTO

Auto 5F - Steve Johnson Racing

Branding at 200 MPH

NHRA Pro Stock Motorcycle Racer & Team Owner, Steve Johnson, will share strategies that instructors can use to help students build their personal brand and stand out in today's job market. He will also speak about new technologies in motorsports and how the sport of drag racing is evolving.

Speakers



Steve Johnson

10:30 AM to
12:00 PM

CDT

📍 Hyatt Regency
Minneapolis - Greenway
FG - 2nd floor

📍 AUTO

Auto 5G - Matco Tools

Matco MAX 5 Diagnostics and ADAS Training

We will be providing an overall introduction to our full line of Maximus Diagnostics Platform, their capabilities, benefits, as well as how they can benefit instructors within their classrooms. Expanding on how they can be integrated into curriculum and used as teaching aid in the classroom and in the shop/lab.

Speakers



Kelly Chancey

Wednesday, July 17

10:30 AM to
12:00 PM

CDT

📍 Hyatt Regency

Minneapolis - Mirage - 2nd
floor

📌 AUTO

Auto 5H - TEXA USA

Introduction to TEXA USA and Evolution of Advanced Multi-Brand Diagnostics

Learn more about TEXA USA and the impacts we need to make on young technicians. With one scan tool, diagnostic coverage extends to passenger cars, heavy duty trucks, off highway, ATVs/UTVs, industrial engines, generators, and marine. Discuss the modularity of TEXA and why our products match a multi-curriculum vocational school. Working with TEXA and our commitment to the technician of the future.

Speakers



Joff Starcher

10:30 AM to
12:00 PM

CDT

📍 Hyatt Regency

Minneapolis - Greenway J
- 2nd floor

📌 COLLISION

Collision 5 - Evercoat

Proper Procedures for Body Filler, Putty, and Polyester Primers

In this session, Evercoat will review the recommended procedures for applying body filler, putty, and polyester primer and some basic troubleshooting to understand when things go wrong.

Speakers



Tim McKinney

Wednesday, July 17

10:30 AM to
12:00 PM

CDT

📍 Hyatt Regency

Minneapolis - Greenway A
- 2nd floor

📍 TRUCK

Truck 5 - Navistar

International S13 Integrated Powertrain

An all-new integrated powertrain featuring a dual overhead cam 13-liter diesel engine that eliminates the need for a traditional EGR valve and EGR cooler. Mated to a 14-speed overdrive transmission and dual-stage aftertreatment system, the S13 Integrated Powertrain incorporates many new technical features to increase power, and fuel economy, and reduce emissions.

Speakers



Ana Salcido



Mike Behrmann

12:00 PM to
1:00 PM

CDT

📍 Hyatt Regency

Minneapolis - Nicollet
Ballroom - 1st floor

📍 TRUCK
📍 COLLISION
📍 AUTO

Wednesday Lunch

In the Nicollet Ballroom on the 1st floor.

Wednesday, July 17

1:00 PM to 2:30 PM

CDT

Hyatt Regency

Minneapolis - Lakeshore A
- 1st floor

AUTO

Auto 6A - Snap-on

Wheel Alignment and ADAS Calibrations - Understanding Drive Direction

Advanced Driver Assist Systems work off of series of assumptions, we will uncover the cause and effect on improper alignment both mechanical and electrical.

Speakers



Chris Sobieski



Jordan Krebs

1:00 PM to 2:30 PM

CDT

Hyatt Regency

Minneapolis - Lakeshore B
- 1st floor

AUTO

Auto 6B - Electude

When the ETL Knocks; Using Electude to Streamline ASE Accreditation

Alex Richards worked as an ETL for ASE while an instructor at the University of Central Missouri, and has experienced preparing for accreditation as an instructor and has worked with many schools and colleges going through the accreditation process. This presentation helps instructors working on accreditation gain insight on how to best and most efficiently approach this process. Alex will also demonstrate how he has built tools into Electude to help streamline the pro

[Show More](#)

Speakers



Dr. Alexander Richards

Wednesday, July 17

1:00 PM to 2:30 PM

CDT

Hyatt Regency

Minneapolis - Lakeshore C
- 1st floor

AUTO

Auto 6C - ATech Training

Introducing PWM And Frequency to Your Students

Join ATech Training for an exciting hands-on exploration of pulse width modulation and frequency. Discover teaching strategies and new learning opportunities utilizing ATech's latest electrical diagnostic training equipment. Together we will explore the principles and applications of pulse width modulation and frequency controls found in today's automotive systems.

Speakers



James Wilson

1:00 PM to 2:30 PM

CDT

Hyatt Regency

Minneapolis - Greenway HI
- 2nd floor

AUTO

Auto 6D - Megatech

Understanding What's Inside an ECU Can Improve Your Diagnostic Skills

"What's the difference between a pull-up resistor and a pull-down resistor?" "How does the ECU turn on that blower motor, LED, injector, or solenoid?" While we don't usually repair Electronic Control Units, if we know what is going on inside an ECU, it can help us understand a diagnostic procedure and develop our own diagnostic procedures. In this workshop, we'll use the Megatech "ECU Architecture" kit to build a simple ECU. Then we will build a variety of circuits usi

[Show More](#)

Speakers



Jerry Hampton

Wednesday, July 17

1:00 PM to 2:30 PM

CDT

Hyatt Regency

Minneapolis - Greenway

BC - 2nd floor

AUTO

Auto 6E - Lucas-Nuelle

Teaching ADAS Technologies to pass the ASE L4 Test through Hands-On Tests

ADAS systems are intended to help drivers control their vehicle more safely and comfortably. Onboard electronic systems use complex opto-electronic/mechanical sensors such as cameras, lidars and radars.

Speakers



Dirk Niemeyer

1:00 PM to 2:30 PM

CDT

Hyatt Regency

Minneapolis - Greenway

DE - 2nd floor

AUTO

Auto 6F - Steve Johnson Racing

Branding at 200 MPH

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Speakers



Steve Johnson

Wednesday, July 17

1:00 PM to 2:30 PM

CDT

Hyatt Regency
Minneapolis - Greenway
FG - 2nd floor

AUTO

Auto 6G - Matco Tools

Matco MAX 5 Diagnostics and ADAS Training

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Speakers



Kelly Chancey

1:00 PM to 2:30 PM

CDT

Hyatt Regency
Minneapolis - Mirage - 2nd floor

AUTO

Auto 6H - TEXA USA

Introduction to TEXA USA and Evolution of Advanced Multi-Brand Diagnostics

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Speakers



Joff Starcher

Wednesday, July 17

1:00 PM to 2:30 PM

CDT

Hyatt Regency

Minneapolis - Greenway J
- 2nd floor

COLLISION

Collision 6 - Paintucation

Gamifying Online Training

Holding the attention of students during classroom training is a challenge. Using interactive video that engages students and allows instructors to interject, question, and test students during the learning process holds the attention span of today's students as well as creating "teachable Moments" for instructors to utilize. Current PPE, Technology, and standardized fundamental lessons make this training compatible with existing platforms and current trends in the collision repair

[Show More](#)

Speakers



Kevin Tetz

1:00 PM to 2:30 PM

CDT

Hyatt Regency

Minneapolis - Greenway A
- 2nd floor

TRUCK

Truck 6 - HDA Truck Pride & DANA

Commercial Vehicle: Driveline Inspection and Maintenance

This session will describe the components and how the CV driveline works, How to properly maintain is functionality, including diagnosis and repairs to the system.


Speakers



Matt Linko

Wednesday, July 17

<p>2:30 PM to 3:00 PM CDT</p> <p>📍 Hyatt Regency Minneapolis - Promenade - 1st floor & 2nd floor</p> <p>📌 TRUCK 📌 COLLISION 📌 AUTO</p>	<p>Afternoon Break</p> <p>Outside the training rooms on both 1st and 2nd floor.</p>
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<p>3:00 PM to 5:00 PM CDT</p> <p>📍 Hyatt Regency Minneapolis - Lakeshore A - 1st floor</p> <p>📌 AUTO</p>	<p>Auto 7A - Honda</p> <p>Keeping it Cool</p> <p>System operation and troubleshooting techniques for modern automotive air conditioning systems.</p> <p>Speakers</p> <div data-bbox="516 1129 672 1283"></div> <p>Dave Degeer</p>
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Wednesday, July 17

3:00 PM to 5:00 PM

CDT

Hyatt Regency

Minneapolis - Lakeshore B
- 1st floor

AUTO

Auto 7B - NAPA AutoTech

Modern Electronic Steering and Suspension Systems

With the advent of Advanced Driver-Assistance Systems (ADAS), steering and suspension systems are now integrated into the broader scope of safe vehicle operation through computer monitoring and correction. Understanding how these systems integrate, operate, and are diagnosed, will be instrumental for a profitable shop. Recommended for Shop Owners, Service Advisors, and all levels of Technicians

- In-depth view of these systems
- Using scan tool and scope diagnostics
- The power s

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

Randy Cowan

3:00 PM to 5:00 PM

CDT

Hyatt Regency

Minneapolis - Lakeshore C
- 1st floor

AUTO

Auto 7C - ATech Training

Introducing PWM And Frequency to Your Students

Join ATech Training for an exciting hands-on exploration of pulse width modulation and frequency. Discover teaching strategies and new learning opportunities utilizing ATech's latest electrical diagnostic training equipment. Together we will explore the principles and applications of pulse width modulation and frequency controls found in today's automotive systems.

Speakers

James Wilson

Wednesday, July 17

3:00 PM to 5:00 PM

CDT

Hyatt Regency

Minneapolis - Greenway HI
- 2nd floor

AUTO

Auto 7D - BMW

BMW Remote Diagnosis / BMW Carbon & Aluminum Structural Repairs

Will be discussing how the remote diagnosis system RITA works. Talk about the advantages of the customer not needing to bring the car into the shop to get diagnosed. Will also be discussing the two structural body classes we teach at BMW Aluminum and Carbon. What we do in the classes and talk about how we repair some of the damages. Also touch on the makeup of our Aluminum outer panels.

Speakers



Erik Stippich



Jim Armell

3:00 PM to 5:00 PM

CDT

Hyatt Regency

Minneapolis - Greenway
BC - 2nd floor

AUTO

Auto 7E - Cengage

Fueling Student Success: New Content and Resources for Automotive Courses

Want to keep your Automotive students engaged with the latest and most relevant content? Cengage is here to show you how our newest titles and updated editions prepare students for success—both in the classroom and in their future careers. You'll also learn about upcoming improvements to the online learning platform MindTap and how you can harness them to customize your course according to your learning objectives.

Speakers



Alice Willenbrink



Morgan Gauthier

Wednesday, July 17

3:00 PM to 5:00 PM

CDT

Hyatt Regency

Minneapolis - Greenway

DE - 2nd floor

AUTO

Auto 7F - Lucas-Nuelle

Teaching ADAS Technologies to pass the ASE L4 Test through Hands-On Tests

ADAS systems are intended to help drivers control their vehicle more safely and comfortably. Onboard electronic systems use complex opto-electronic/mechanical sensors such as cameras, lidars and radars.

Speakers



Dirk Niemeyer

3:00 PM to 5:00 PM

CDT

Hyatt Regency

Minneapolis - Greenway

FG - 2nd floor

AUTO

Auto 7G - Toyota

Toyota's E-KDSS System Overview

This will cover Toyota/Lexus' Electronic Kinetic Dynamic Suspension System that is used to improve off-road performance, ride comfort and stability by controlling the front and rear stabilizer bar effect in various road-surface conditions

Speakers



Chad Rudloff

Wednesday, July 17

3:00 PM to 5:00 PM

CDT

Hyatt Regency

Minneapolis - Mirage - 2nd floor

AUTO

Auto 7H - Volkswagen

Electrical Diagrams & New Technologies at Volkswagen

- We will be going over how to access VW information for understanding of our systems.
- We will be looking at our wiring, how it is followed and important things to look at for possible repairs.
- We'll also be taking a look at a few technology changes to our vehicles and ways to review for retention of class info.

Speakers



Mario Zacarias

3:00 PM to 5:00 PM

CDT

Hyatt Regency

Minneapolis - Greenway J - 2nd floor

COLLISION

Collision 7 - 3M

Maximizing Paint Booth Efficiency and Paint Shop Production

The paint booth is typically seen as the bottleneck of most body shops. In this session you will learn impactful ways to optimize your paint booth and your paint shop to relieve the bottleneck and increase production.

We will cover things like:

- Booth maintenance
- Booth scheduling
- Proper booth settings
- Floor staging
- Workflow management
- Efficiency data and how to track it
- Paint shop best practices

[Show More](#)

Speakers



Jason Garfoot

Wednesday, July 17

3:00 PM to 5:00 PM

CDT

Hyatt Regency

Minneapolis - Greenway A
- 2nd floor

TRUCK

Truck 7 - Noregon

Utilizing Noregon JPRO For Education

Explain the new features and functions added in the past year.

Speakers



Bill Alday

5:30 PM to 9:00 PM

CDT

Hyatt Regency

Minneapolis - Hyatt Exhibit
Hall - 1st floor

TRUCK

COLLISION

AUTO

Networking Event - Nitro-X Racing

Join us for an evening of fun and fellowship with Nitro-X RC car team racing and learn more about this unique youth summer camp designed to promote automotive careers. Food and drink are included.

Thursday, July 18

6:00 AM to 8:00 AM

CDT

📍 Hyatt Regency
Minneapolis - Nicollet
Ballroom - 1st floor

- ↗ TRUCK
- ↗ COLLISION
- ↗ AUTO

Thursday Breakfast

In the Nicollet Ballroom on the 1st floor.

8:00 AM to 10:00 AM

CDT

📍 Hyatt Regency
Minneapolis - Lakeshore A
- 1st floor

- ↗ AUTO

Auto 8A - Consulab

Charge Forward with EV Training

This course is designed to help equip instructors with the knowledge and skills necessary to excel in the rapidly growing electric vehicle (EV) training. Through hands-on training and expert instruction, you will have the opportunity to learn about EV technology, certification, safety, systems, and High voltage components. This course is an interactive course with hands on instruction and demonstrations.

Speakers



Dave Giles

Thursday, July 18

8:00 AM to 10:00 AM

CDT

Hyatt Regency

Minneapolis - Lakeshore B
- 1st floor

AUTO

Auto 8B - General Motors

Optimizing Efficiency Through Integrated Design

Covering design changes going back to the 80's up to today. The discussion will branch across several components such as variable/sliding camshafts, cylinder deactivation, thermal management, evaporative systems, and forced induction. We will cover how things have evolved from then to now and the unique service procedures for these systems.

Speakers



Freddy Allen

8:00 AM to 10:00 AM

CDT

Hyatt Regency

Minneapolis - Lakeshore C
- 1st floor

AUTO

Auto 8C - Motor Age Training

A Streamlined Approach to Diagnostic Dilemmas

This class featuring Motor Age Magazine's Technical Editor, Brandon Steckler capitalizes on the technicians' ability to incorporate basic testing techniques with modern diagnostic tooling and combine it with available service information to solve seemingly difficult dilemmas. All with ease and efficiency, regardless of vehicle type.

Speakers



Brandon Steckler

Thursday, July 18

8:00 AM to
10:00 AM

CDT

Hyatt Regency
Minneapolis - Greenway
HI - 2nd floor

AUTO

Auto 8D - Diagnostic Network

Using Visual Tools for Advanced Driver Assistance Systems (ADAS) Instruction

Welcome to the "Using Visual Tools for ADAS Instruction" session, designed specifically for automotive technology instructors tasked with providing ADAS instruction. Included in the session:

- ADAS Basics – a review of the science supporting these systems and how a deeper understanding of the technologies can support successful service and repair.
- Advancements with perception systems powering today's and tomorrow's vehicles.
- Case studies that de

[Show More](#)

Speakers



Scott Brown

8:00 AM to
10:00 AM

CDT

Hyatt Regency
Minneapolis - Greenway
BC - 2nd floor

AUTO

Auto 8E - WyoTech

Triangulated 4 Link Set-Up

Session Overview:

- Pros and Cons.
- Frame and axle modifications .
- Why would we run this type?
- Axle and Chassis brackets.
- Coil over shock placement and mounting.

Speakers



Brandon McCoy

Thursday, July 18

8:00 AM to 10:00 AM

CDT

Hyatt Regency

Minneapolis - Greenway

DE - 2nd floor

AUTO

Auto 8F - Goodheart-Willcox

ADAS in Action: Engaging Strategies for Teaching Advanced Driver Assistance Systems

Rev Up Your Curriculum with Cutting-Edge Instruction!

This dynamic session equips you, the automotive educator, with a toolbox of engaging instructional strategies to seamlessly integrate Advanced Driver Assistance Systems (ADAS) into your classroom and shop.

[Show More](#)

Speakers



Erin Brennan

8:00 AM to 10:00 AM

CDT

Hyatt Regency

Minneapolis - Greenway

FG - 2nd floor

AUTO

Auto 8G - WrenchWay

How to Get More Support From Local Shops & Dealerships

The key to every successful automotive, diesel, and CTE program is partnerships with local industry. Educational partnerships make it possible for students to bridge the gap between classroom learning and real-life applications. The struggle for instructors is how to foster those educational partnerships efficiently and effectively.

In this session, you will learn how to take advantage of WrenchWay School Connect, which is a free platform designed to help instructors easily manage ind

[Show More](#)

Speakers



Lisa Joseph

Thursday, July 18

8:00 AM to 10:00 AM

CDT

Hyatt Regency

Minneapolis - Mirage - 2nd floor

AUTO

Auto 8H - ZF

HV Technical Safety Overview for Commercial Vehicle Systems

This overview will discuss current safety practices on High Voltage systems of Commercial Vehicles.

Speakers



Robert Esterbrook

8:00 AM to 10:00 AM

CDT

Hyatt Regency

Minneapolis - Greenway J - 2nd floor

COLLISION

Collision 8 - I-CAR

Recruiting & Developing Entry-Level Students for a Career in Collision Repair

This presentation will be focused around the key areas of CTE program attraction and curriculum. I-CAR will be showing the new Collision Careers website that was designed with the purpose in mind to explain to young persons and career changers what collision careers are all about. We will look into several key areas of the website and how you can utilize this as a means of promotion for your school and engage in different levels of attraction of new students.&nb

[Show More](#)

Speakers



Terry Ticel



Tom McFinch

Thursday, July 18

8:00 AM to 10:00 AM

CDT

Hyatt Regency

Minneapolis - Greenway A
- 2nd floor

TRUCK

Truck 8 - SAF-Holland

FW35 Series Fifth Wheel Training

Fifth Wheel identification, overview, maintenance and inspection, Including lock operation, damaged and worn components. Learn how to rebuild and adjust. Also included will be optional equipment and resources for rebuild and repair.

Haldex ABS Training

System overview and ABS type identification, design and function. You will learn about Intelligent Trailer Control Modules (ITCM), Stability

[Show More](#)

Speakers



Kyle Hinton



Tony Ryan

10:00 AM to 10:30 AM

CDT

Hyatt Regency

Minneapolis - Promenade -
1st floor & 2nd floor

TRUCK
COLLISION
AUTO

Morning Break

Outside the training rooms on both 1st and 2nd floor.

Thursday, July 18

10:30 AM to
12:00 PM

CDT

📍 Hyatt Regency

Minneapolis - Lakeshore A
- 1st floor

📍 AUTO

Auto 9A - Weber State University

Power Play: Energizing Education Through Gamification

A dynamic presentation focused on improving the teaching of electrical diagnostics through engaging gamification strategies. Learn how to transform the essential yet complex concept of voltage drop testing into an exciting, interactive learning experience for students.

Speakers



Scott Hadzik

10:30 AM to
12:00 PM

CDT

📍 Hyatt Regency

Minneapolis - Lakeshore B
- 1st floor

📍 AUTO

Auto 9B - ALLDATA

ALLDATA- OEM Repair Information

Speakers



Scott Wyman

10:30 AM to
12:00 PM

CDT

📍 Hyatt Regency

Minneapolis - Lakeshore C
- 1st floor

📍 AUTO

Auto 9C - asTech

Session Topic and Speaker TBD

Use the QR code on the Program cover to check the Online Agenda for late breaking details.

Thursday, July 18

10:30 AM to
12:00 PM

CDT

📍 Hyatt Regency

Minneapolis - Greenway HI
- 2nd floor

- ↗ TRUCK
- ↗ COLLISION
- ↗ AUTO

Auto 9D - Minnesota State Transportation Center of Excellence

Youth Career Exploration - Getting Kids Excited During a Summer Camp

In this session, you will hear from leaders from Minnesota and Wisconsin on what they call Nitro-X. This is a youth hands-on summer camp designed to spark interest in transportation careers. You will learn about how it started, how they are funded, what the outcomes are, what challenges they face, how it works, and more. Let's get inspired to involve students in our career pathways!

Speakers



Chris Hadfield

10:30 AM to
12:00 PM

CDT

📍 Hyatt Regency

Minneapolis - Greenway
BC - 2nd floor

- ↗ AUTO

Auto 9E - U.S. EPA

EPA Discusses Vehicle Emissions Tampering

EPA will be presenting on emission control tampering and aftermarket parts. The presentation will cover commonly tampered emission controls, the negative impact excess vehicle emissions have on the environmental human health. EPA will discuss the importance of proper maintenance and why to not tamper with vehicle pollution control devices. EPA will allow time at the end of the presentation for open discussion.

Speakers



Tyler Salamasick

Thursday, July 18

10:30 AM to
12:00 PM

CDT

📍 Hyatt Regency

Minneapolis - Greenway

DE - 2nd floor

📍 AUTO

Auto 9F - Goodheart-Willcox

ADAS in Action: Engaging Strategies for Teaching Advanced Driver Assistance Systems

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[Show More](#)

Speakers



Erin Brennan

10:30 AM to
12:00 PM

CDT

📍 Hyatt Regency

Minneapolis - Greenway

FG - 2nd floor

📍 AUTO

Auto 9G - AC Delco

General Motors Diesel Engines

Upon completion of this seminar, participants will be able to apply knowledge of the following topics to diagnose and repair GM diesel engines:

1. DENSO fuel system components and operation.
2. Unique features and diagnosis and service procedures of the 6.6L L5P diesel engine.
3. Unique features and diagnosis and service procedures of the 3.0L LM2 and LZ0 diesel engines.
4. Unique features and diagnosis and service procedures of the 2.8L LWN diesel engine.

Speakers



Jerry Tempel

Thursday, July 18

10:30 AM to
12:00 PM

CDT

📍 Hyatt Regency

Minneapolis - Mirage - 2nd
floor

📍 AUTO

Auto 9H - ZF

HV Technical Safety Overview for Commercial Vehicle Systems

This overview will discuss current safety practices on High Voltage systems of Commercial Vehicles.

Speakers



Robert
Esterbrook

10:30 AM to
12:00 PM

CDT

📍 Hyatt Regency

Minneapolis - Greenway J
- 2nd floor

📍 COLLISION

Collision 9 - I-CAR

Collision Careers Recruitment

This session will focus on industry opportunities for students and schools, along with the importance of CTE schools aligning their programs with the industry needs and requirements for young entry level technicians.

Speakers



Terry Ticel



Tom McFinch

Thursday, July 18

10:30 AM to
12:00 PM

CDT

📍 Hyatt Regency

Minneapolis - Greenway A
- 2nd floor

📌 TRUCK

Truck 9 - Ryder

PMI 4-8 HV Systems & Diesel Exhaust Aftertreatment – DPF Overview

Part1: How PMI's have changed, and new tasks associated with High Voltage Trucks with a focus on High Voltage maintenance.

Part 2: How DPFs work and how to recognize when they fail.

Speakers



Rene Fernandini



Rick Burgard

12:00 PM to 1:00
PM

CDT

📍 Hyatt Regency

Minneapolis - Nicollet
Ballroom - 1st floor

📌 TRUCK

📌 COLLISION

📌 AUTO

Thursday Lunch

In the Nicollet Ballroom on the 1st floor.

Thursday, July 18

1:00 PM to 2:30 PM

CDT

Hyatt Regency

Minneapolis - Lakeshore A
- 1st floor

AUTO

Auto 10A - Weber State University

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CDT

Hyatt Regency

Minneapolis - Lakeshore B
- 1st floor

AUTO

Auto 10B - ALLDATA

ALLDATA- OEM Repair Information

Speakers



Scott Wyman

1:00 PM to 2:30 PM

CDT

Hyatt Regency

Minneapolis - Lakeshore C
- 1st floor

AUTO

Auto 10C - asTech

Session Topic and Speaker TBD

Use the QR code on the Program cover to check the Online Agenda for late breaking details.

Thursday, July 18

1:00 PM to 2:30 PM

CDT

Hyatt Regency

Minneapolis - Greenway HI
- 2nd floor

AUTO

Auto 10D - AutoEDU

Teaching the Essentials of Electric Vehicle Technology

This workshop is designed for automotive instructors seeking to integrate Electric Vehicle (EV) technology into their curriculum. Whether you're new to teaching EV or looking to enhance your existing program, this session offers practical guidance and valuable insights. Gain the necessary tools to initiate EV training in your program or refine your current approach. Familiarize yourself with approaches to utilize OEM-training aids that prioritize safety above all else. Explore effective strategies for e

[Show More](#)

Speakers



David Gesell



Paulius Macerinskas



Thomas Snyder

1:00 PM to 2:30 PM

CDT

Hyatt Regency

Minneapolis - Greenway
BC - 2nd floor

AUTO

Auto 10E - U.S. EPA

EPA Discusses Vehicle Emissions Tampering

EPA will be presenting on emission control tampering and aftermarket parts. The presentation will cover commonly tampered emission controls, the negative impact excess vehicle emissions have on the environmental human health. EPA will discuss the importance of proper maintenance and why to not tamper with vehicle pollution control devices. EPA will allow time at the end of the presentation for open discussion.

Speakers



Tyler Salamasick

Thursday, July 18

1:00 PM to 2:30 PM

CDT

Hyatt Regency
Minneapolis - Greenway
DE - 2nd floor

AUTO

Auto 10F - Audi

Audi Diagnostic Strategies and New Technologies

We will be looking at the new Audi Master Guild Class material which includes Networking Review, Diagnostic Process Review and the 2025 Q6 BEV new platform PPE.

Speakers



Jim Doyle

1:00 PM to 2:30 PM

CDT

Hyatt Regency
Minneapolis - Greenway
FG - 2nd floor

AUTO

Auto 10G - Continental

Don't Forget About the TPMS Basics to Know How to Do TPMS Services

Understanding TPMS and the difference in TPMS Tools and Sensors. You need to know how to correctly Relearn TPMS sensors to vehicles. What you can do to lesson your frustrations with TPMS tools and sensors.

Speakers



Allen Selzler

Thursday, July 18

1:00 PM to 2:30 PM

CDT

Hyatt Regency
Minneapolis - Mirage - 2nd floor

AUTO

Auto 10H - WyoTech

Triangulated 4 Link Set-Up

Session Overview:

- Pros and Cons.
- Frame and axle modifications .
- Why would we run this type?
- Axle and Chassis brackets.
- Coil over shock placement and mounting.

Speakers



Brandon McCoy

1:00 PM to 2:30 PM

CDT

Hyatt Regency
Minneapolis - Greenway J
- 2nd floor

COLLISION

Collision 10 - Evercoat

Collision & Refinishing MythBusters

This session will be a panel discussion of current and past misconceptions, Myths and other process and/or procedures that are not actually correct. Many of these Myths come from continuous calls on "Tech Support" lines and beliefs in product failure when in actually it was modified procedures and misapplication of product.

Speakers



Brad Gravenhof



Kevin Tetz



Tim McKinney

Thursday, July 18

1:00 PM to 2:30 PM

CDT

Hyatt Regency

Minneapolis - Greenway A
- 2nd floor

TRUCK

Truck 10 - WrenchWay

How to Get More Support From Local Shops & Dealerships

The key to every successful automotive, diesel, and CTE program is partnerships with local industry. Educational partnerships make it possible for students to bridge the gap between classroom learning and real-life applications. The struggle for instructors is how to foster those educational partnerships efficiently and effectively.

In this session, you will learn how to take advantage of WrenchWay School Connect, which is a free platform designed to help instructors easily manage indu

[Show More](#)

Speakers



Lisa Joseph

2:30 PM to 3:00 PM

CDT

Hyatt Regency

Minneapolis - Promenade -
1st floor & 2nd floor

TRUCK

COLLISION

AUTO

Afternoon Break

Outside the training rooms on both 1st and 2nd floor.

Thursday, July 18

3:00 PM to 5:00 PM

CDT

Hyatt Regency

Minneapolis - Lakeshore A
- 1st floor

AUTO

Auto 11A - Minnesota State Transportation Center of Excellence

Youth Career Exploration - Getting Kids Excited During a Summer Camp

In this session, you will hear from leaders from Minnesota and Wisconsin on what they call Nitro-X. This is a youth hands-on summer camp designed to spark interest in transportation careers. You will learn about how it started, how they are funded, what the outcomes are, what challenges they face, how it works, and more. Let's get inspired to involve students in our career pathways!

Speakers



Chris Hadfield

3:00 PM to 5:00 PM

CDT

Hyatt Regency

Minneapolis - Lakeshore B
- 1st floor

AUTO

Auto 11B - General Motors

Optimizing Efficiency Through Integrated Design

Covering design changes going back to the 80's up to today. The discussion will branch across several components such as variable/sliding camshafts, cylinder deactivation, thermal management, evaporative systems, and forced induction. We will cover how things have evolved from then to now and the unique service procedures for these systems.

Speakers



Freddy Allen

Thursday, July 18

3:00 PM to 5:00 PM

CDT

Hyatt Regency

Minneapolis - Lakeshore C
- 1st floor

- TRUCK
- COLLISION
- AUTO

Auto 11C - Motor Age Training

A Streamlined Approach to Diagnostic Dilemmas

This class featuring Motor Age Magazine's Technical Editor, Brandon Steckler capitalizes on the technicians' ability to incorporate basic testing techniques with modern diagnostic tooling and combine it with available service information to solve seemingly difficult dilemmas. All with ease and efficiency, regardless of vehicle type.

Speakers



Brandon Steckler

3:00 PM to 5:00 PM

CDT

Hyatt Regency

Minneapolis - Greenway HI
- 2nd floor

- AUTO

Auto 11D - autoINENG.io

The Importance of Following Pythagoras Theorem From Alignment to ADAS

Travel through the semi-autonomous journey of an OE vehicle from the consumer road trip to sensor coding/lab learning and find out why all geometries count when it comes to fulfilling future ADAS functionality to reach Level 5 and what we need to teach our future technicians.

Speakers



Pam Oakes

Thursday, July 18

3:00 PM to 5:00 PM

CDT

Hyatt Regency
Minneapolis - Greenway
BC - 2nd floor

AUTO

Auto 11E - AutoEDU

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Show More

Speakers



David Gesell



Paulius Macerinskas



Thomas Snyder

3:00 PM to 5:00 PM

CDT

Hyatt Regency
Minneapolis - Greenway
DE - 2nd floor

AUTO

Auto 11F - Audi

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Speakers



Jim Doyle

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Hyatt Regency

Minneapolis - Greenway

FG - 2nd floor

AUTO

Auto 11G - Continental

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Speakers



Allen Seizler

3:00 PM to 5:00 PM

CDT

Hyatt Regency

Minneapolis - Mirage - 2nd

floor

AUTO

Auto 11H - CCAR

Hybrid and Battery Electric Vehicle Safety for the Compromised

Speakers



Bob McGinn

Thursday, July 18

3:00 PM to 5:00 PM

CDT

Hyatt Regency

Minneapolis - Greenway J

- 2nd floor

COLLISION

Collision 11 - Paintucation

Pros, Cons, & SOP's for Aftermarket Restoration Sheetmetal

Aftermarket Sheetmetal manufacturing has been industry standard since the 1070's and many times the reputation for these parts is less than good. Some companies rise above the rest with quality, fit & finish, but it's a difficult world to navigate with constantly changing parts and standards. We'll discuss how to "qualify" aftermarket parts from construction integrity, to E-Coat resilience, and give you some guidance as to how

[Show More](#)

Speakers



Kevin Tetz

3:00 PM to 5:00 PM

CDT

Hyatt Regency

Minneapolis - Greenway A

- 2nd floor

TRUCK

Truck 11 - Grote

Grote Know How

1. Manual Provided & Certificate of Completion
2. Basics of Electricity & Vehicle Lighting
3. Vehicle Lighting Installation & Troubleshooting

Speakers



Bob Shively

Save The Date!



When: July 21 - 24, 2025

Where: Hyatt Regency Gateway Arch, St. Louis MO

Tentative Agenda:

Monday, July 21, 2025:

- Travel Day and Check In
- ASE Certification Testing Available
- ETL Training – limited availability
- Conference Opens with a Welcome Reception



Tuesday, July 22, 2025:

- Conference Sessions Begin at 8 am
- Sponsor Expo
- ASE Certification Testing Available

Wednesday, July 23, 2025:

- Technical Training Sessions Continue
- Networking Event TBD
- ASE Certification Testing Available

Thursday, July 24, 2025:

- Technical Training Sessions Continue
- Conference Ends at 5 pm

Get ready for the 11th Annual ASE Instructor Training Conference – live and in person! Get 20+ hours of technical update training, connect with industry peers, and much more!

Conference Fee:
TBD, check the Foundation website in Dec. 2024.

Hyatt Regency:
\$189 per night plus tax

Meals: Most meals during the conference are included.

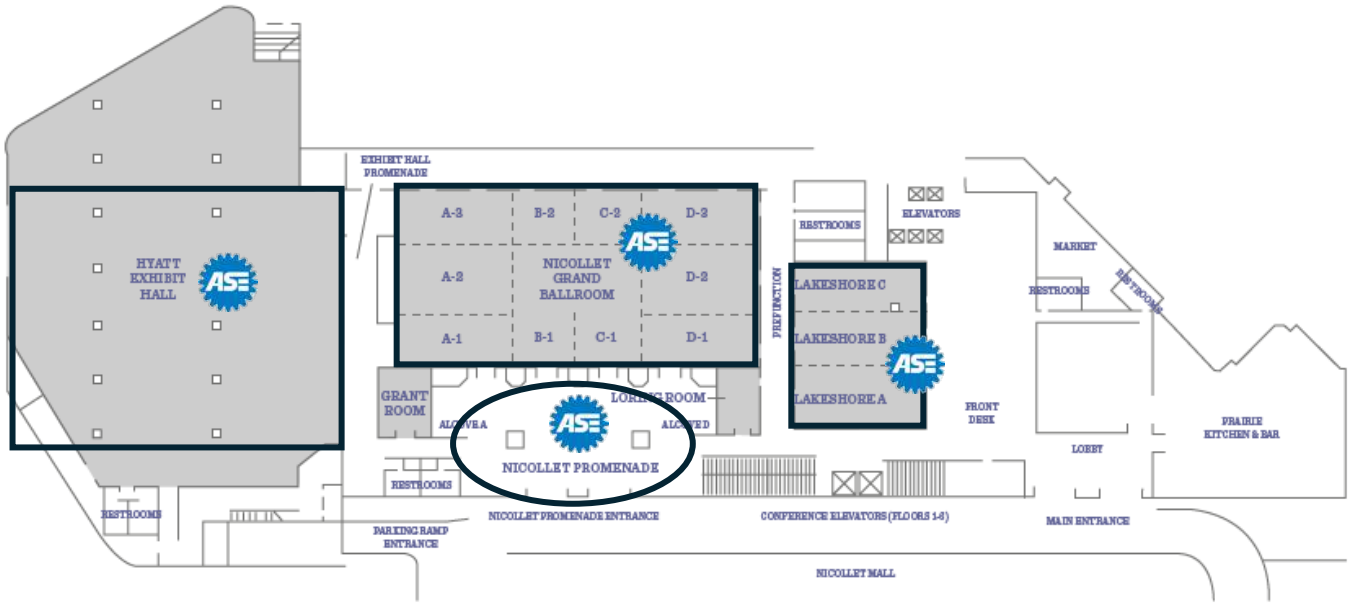


Scan to add to your calendar

Registration opens February 2025 at

<https://aseeducationfoundation.org/events/ase-instructor-training-conference>

Hyatt Regency 1st Floor: Registration, Welcome Reception, Meals, Opening Session, Sponsor Expo, and Nitro-X



Hyatt Regency 2nd Floor: ASE Testing, Training Sessions, Media Resource Room, Morning and Afternoon Breaks

