

Hosting A Workshop

Locations: Workshops can be conducted at your site. Our instructors will come to you!

Cost: Workshop rates vary by state, workshop and audience type. Contact Sally for more information.

Contact: Sally at (952) 473-0044 or sally@megcorpnmn.com



About MEG Corp

MEG Corp is an industry leader in fuel consulting and testing services, providing technical support to fuel industries and end users. MEG Corp staff have more than 90 years combined experience in traditional and alternative fuels. MEG Corp has been providing diesel/biodiesel and gasoline/ethanol training throughout the Midwest since 2008 and conducts more than 100 events per year to educate current and future transportation industry professionals.



Accredited Training Provider



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FUEL WORKSHOPS

Training Courses for
Service Technicians



Changes in Fuels Changes in Service

Vehicles, equipment and the fuels that power them have changed significantly in recent years. Alternative fuels are becoming increasingly more available in the marketplace. National and state goals for reducing vehicle emissions and increasing use of domestic and renewable fuel sources have required new pollution control equipment, reduced sulfur levels in fuel, and increased use of biofuels like ethanol and biodiesel.

It is important for technicians in the automotive and equipment industries to have the most current information on fuel changes and to better understand fuels and how they operate in today's vehicles and equipment.



The goal of our automotive service education is to educate diesel mechanics, automotive technicians and other automotive industry professionals with the most up-to-date knowledge of fuels, allowing them to accurately diagnose fuel related issues, answer customer questions about fuel, and provide recommendations about proper fuel handling and use best practices.

Training Options

Workshops are available for various audiences, based on vehicle and equipment focus. Content can be adjusted based on participant roles and experience levels.

After completing a workshop, participants will be able to:

- Describe and compare the characteristics of petroleum and renewable-based fuels.
- Explain how the fuels work together to power vehicles and equipment.
- Match biofuel blends with compatible vehicles and equipment.
- Accurately identify fuel related issues.
- Provide recommendations for preventing fuel related issues through best management practices.

DIESEL & BIODIESEL

Audience: Professionals in the diesel repair and maintenance industry

Length: 2 hours

Workshop Content:

- Overview of petroleum fuels, demand and refining process/products
- History of diesel fuel, ultra-low sulfur diesel and implications for fuel and engine performance
- Introduction to biodiesel (definition, production, feedstocks)
- Characteristics of biodiesel and compatibility with ULSD, diesel vehicles and equipment
- Fuel specifications and quality
- Local biodiesel requirements/incentives
- OEM positions on biodiesel
- Overview of diesel emissions reduction technologies
- Common diesel filter plugging problems (identifying, treating and preventing)
- Diesel storage and handling best practices
- Q&A

GASOLINE & ETHANOL

Audience: Automotive and small engine technicians

Length: 1.5 hours

Workshop Content:

- Overview of petroleum fuels, demand and refining process/products
- Overview and history of gasoline
- Gasoline specification, fuel grades and RVP seasonality
- Introduction to ethanol (definition, feedstocks, characteristics, fuel specification and octane)
- Ethanol production from corn, efficiencies and co-products
- Ethanol blends, availability and vehicle/engine compatibility
- Local requirements/incentives
- Common concerns and misconceptions
- Troubleshooting
- Q&A



Combined Fuels

Interested in both courses? A *Combined Fuels* course provides the content of both courses in one workshop. Participants will leave the workshop with an up-to-date understanding of diesel, biodiesel blends, gasoline and ethanol blends.

Length: 2.5 hours