



**Who**  
we are

**What**  
we do

**Why**  
we make a  
difference



## WHO WE ARE

**T**he National Alternative Fuels Training Consortium (NAFTC) is the leading national training organization dedicated to supporting the use of alternative fuel and advanced technology vehicles.

Founded in 1992, the NAFTC is a membership organization consisting of institutions, businesses, and alternative fuel industry agencies who share our mission.

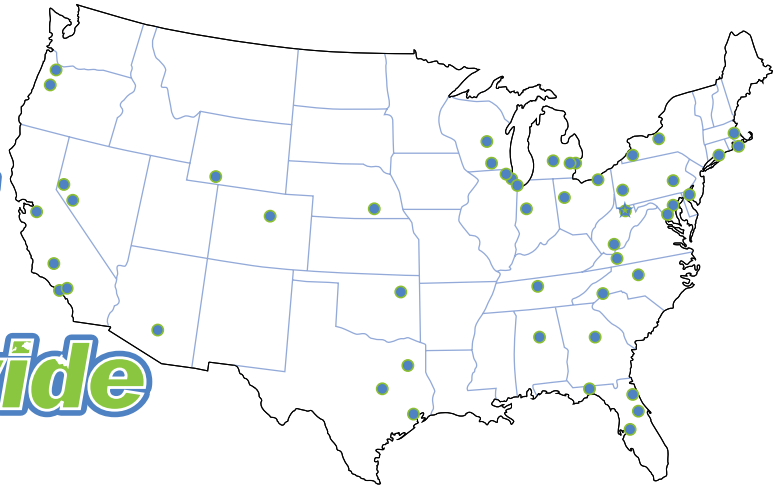


"Since 2013 the Propane Education & Research Council (PERC) has partnered with the NAFTC to develop best-in-class training for current and future propane autogas technicians nationwide. The training continues to be in demand as it provides real-life classroom and hands-on instruction by qualified industry subject matter experts to ensure that automotive technicians and students have the skills needed to maintain and service propane autogas systems, a critical element in growing the propane autogas market."

- Stuart Flatow, Vice President of Safety and Training, Propane Education & Research Council



# Training Centers Nationwide



## WELCOME

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nergy independence and clean air are important issues affecting our country and the world. Our need for secure, plentiful energy supplies due to our current dependence on foreign oil threatens national security, and drives petroleum prices higher, creating tremendous safety concerns and financial hardship for Americans. In addition, air quality remains a concern in many areas of our country, and global climate change has consequences for us all.

Using clean alternative fuel and advanced technology vehicles can significantly reduce the country's dependence on imported petroleum and will also contribute to a cleaner environment. These vehicles are becoming more readily available; and their widespread use in the near future is not only feasible, but necessary. Our goal at the NAFTC is to provide education and awareness activities that will continue the use of all of these technologies as they fit in the national transportation network.

The NAFTC, along with its members and partners

across the nation, fulfills a part of the infrastructure necessary for the success of alternative fuel and advanced technology vehicles by educating the general public, government officials, and business executives about the importance of these vehicles and by training automotive technicians and other technical personnel to service the vehicles, first responders to ensure our safety, and vehicle recovery operators and salvage yard operators to properly handle damaged or destroyed vehicles.

As a team, we have reached tremendous milestones, but we are not finished. We must continue to strive to achieve more and more, and we must remember that it will take all of our industry working in concert to reach the level we desire. We must also remember that together, we do make a difference.

... because **clean air &  
energy independence**  
matter!







## WHAT WE DO

**O**ur mission is to educate the nation about alternative fuel and advanced technology vehicles through curriculum development, training implementation, and outreach and education activities leading to increased reliance on domestically produced fuels and improved air quality.

### CURRICULUM DEVELOPMENT

NAFTC curricula are designed for pre- and in-service technicians, instructors, first responders, fleet managers, government officials, business owners, and others.

New courses are being developed for tow truck operators, automotive recyclers, collision repair personnel, and maintenance and repair facilities.

### TECHNICAL TRAINING - COURSES AND WORKSHOPS

The NAFTC offers both basic and in-depth training through more than 35 courses and workshops.

Sessions can be customized based on audience needs and conducted at local facilities using vehicles to supplement the workshops.

### EDUCATION AND OUTREACH

The NAFTC conducts education and outreach activities, including National AFV Day Odyssey, the nation's largest AFV education event—dedicated to promoting cleaner choices in transportation.



## WHY WE MAKE A DIFFERENCE

**B**y providing education and creating awareness about alternative fuel and advanced technology vehicles, the NAFTC strives to make a difference in strengthening national and energy security, and providing a cleaner environment for future generations.



"The NAFTC's propane training course is a great example of our ability to work together for advanced alternative fuels systems training. The NAFTC has a really top-notch reputation for quality, but they are also able to bring together businesses and organizations to enhance the technician's experience during their course. We are always interested in any project that helps to better evolve the industry, we've been really happy seeing what a great course has come out of the NAFTC partnerships."

- Albert Venezio, Chairman, Icom North America



"We have been a member of the NAFTC from the beginning. Our program has used books and media from the NAFTC for many years. The information, literature, media, and classes are second to none. The consortium should be commended for its commitment to the alternative fuels field."

- Steven Klausing, Automotive Division Head, University of Northwestern Ohio

# OFFERING MORE THAN 35

NAFTC courses span one to five days, and are conducted in a traditional classroom environment at your preferred location. Courses are taught by knowledgeable instructors using NAFTC state-of-the-art curricula and include educational discussions, videos, and assessments, as well as lab and shop activities. As a result, training attendees take away in-demand skills and are on the leading edge of alternative fuels, alternative fuel vehicles, and advanced technology vehicle education. (Members of the NAFTC can also attend train-the-trainer courses, allowing them to then train others using the NAFTC curricula.)

Courses*	Automotive Technicians	Firefighters	Emergency Services	Emergency Management	Law Enforcement	Fleet Managers	Government Officials/Decision Makers	Secondary Education	Post-Secondary Education	Code Officials/AHJs	Construction/Contractors	General/Consumers
Clean Air and Energy Independence: An Overview of Alternative Fuel and Advanced Technology Vehicles	✓				✓	✓	✓	✓	✓	✓	✓	✓
Compressed Natural Gas Vehicle Fuel System Inspector	✓				✓			✓	✓			
Light-Duty Natural Gas Vehicles	✓				✓		✓	✓				
Heavy-Duty Natural Gas Vehicles	✓				✓		✓	✓				
Liquefied Natural Gas Vehicles	✓				✓		✓	✓				
Propane Autogas Vehicle Technician Training	✓				✓		✓	✓				
A Basic Understanding of Battery Electric and Hybrid Electric Vehicles	✓				✓	✓	✓					✓
Electric Drive Vehicle Automotive Technician Training	✓				✓			✓				
Electric Drive Vehicle Career and Technical Education Training							✓					
Electric Drive Vehicle Infrastructure Training					✓	✓			✓	✓		
Firefighter Alternative Fuel Vehicle Safety Training		✓										
Emergency Medical Services Alternative Fuel Vehicle Safety Training			✓									
Law Enforcement Alternative Fuel Vehicle Safety Training				✓								
First Responder Safety Training: Biofuels and Biofuel Vehicles		✓	✓	✓								
First Responder Safety Training: Gaseous Fuels and Gaseous Fuel Vehicles		✓	✓	✓								
First Responder Safety Training: Hydrogen and Hydrogen-Powered Vehicles		✓	✓	✓								
First Responder Safety Training: Electric Drive Vehicles		✓	✓	✓								
Petroleum Reduction Technologies	✓				✓	✓	✓	✓	✓	✓	✓	✓
Petroleum Reduction Technologies - Fleet Applications	✓				✓	✓	✓	✓	✓	✓	✓	✓
Overview of Biodiesel	✓				✓	✓	✓	✓	✓	✓		
Electric Drive Vehicle First Responder Safety Training - Online		✓	✓	✓								



# COURSES AND WORKSHOPS

NAFTC workshops are structured to fit the needs of the contracting organization and participants. Specific customization to address the audience, timeframe, and desired balance of classroom time versus hands-on activities creates an educational experience that will best benefit those in attendance.

Continuing Education Units are available for all NAFTC courses and workshops (additional fee applies).

	Automotive Technicians Towing & Roadside Assistance Automotive Recycling Fleet Managers Government Officials/ Decision Makers Secondary Education Post-Secondary Education Code Officials/AHJs Construction/ Contractors/ General/Consumers									
<b>Workshops*</b>										
Petroleum Reduction Technologies: Biodiesel	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Petroleum Reduction Technologies: Ethanol	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Petroleum Reduction Technologies: Natural Gas	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Petroleum Reduction Technologies: Propane	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Petroleum Reduction Technologies: Hydrogen	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Petroleum Reduction Technologies: Electric Drive	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Petroleum Reduction Technologies: Fuel Economy	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Petroleum Reduction Technologies: Idle Reduction	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Petroleum Reduction Technologies: Biodiesel Fleet Applications	✓			✓	✓	✓	✓	✓	✓	✓
Petroleum Reduction Technologies: Ethanol Fleet Applications	✓			✓	✓	✓	✓	✓	✓	✓
Petroleum Reduction Technologies: Natural Gas Fleet Applications	✓			✓	✓	✓	✓	✓	✓	✓
Petroleum Reduction Technologies: Propane Fleet Applications	✓			✓	✓	✓	✓	✓	✓	✓
Petroleum Reduction Technologies: Hydrogen Fleet Applications	✓			✓	✓	✓	✓	✓	✓	✓
Petroleum Reduction Technologies: Electric Drive Fleet Applications	✓			✓	✓	✓	✓	✓	✓	✓
Petroleum Reduction Technologies: Fuel Economy Fleet Applications	✓			✓	✓	✓	✓	✓	✓	✓
Petroleum Reduction Technologies: Idle Reduction Fleet Applications	✓			✓	✓	✓	✓	✓	✓	✓
AFV/EV Safety Training: Towing and Roadside Assistance		✓		✓						
AFV/EV Safety Training: Automotive Recycling			✓	✓						

\*Existing courses and workshops can be customized to fit your needs. In addition, new courses and workshops can be developed based upon your specific needs/parameters.





"Although alternative fuel and hybrid powered vehicles drive exactly the same as regular vehicles, there are some significant differences that maintenance technicians and public safety officials need to be trained on ... like how to safely work with higher voltage batteries and fuels that react differently than gasoline in case of spills or leakage if the vehicle is in an accident. The expert training that the NAFTC provides is extremely important."

- Dennis A. Smith, Director, U.S. Department of Energy Clean Cities Program

## NATIONAL ALTERNATIVE FUELS TRAINING CONSORTIUM

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**Training  
with Impact**



**National Alternative Fuels  
Training Consortium**

A Program of

 **West Virginia University**