

Who
we are



What
we do



Why
we make a difference

WHO WE ARE

Founded in 1992, the National Alternative Fuels Training Consortium (NAFTC) is the only nationwide training organization dedicated to promoting, supporting, and expanding the use of alternative fuel and advanced technology vehicles in an effort to improve air quality and decrease U.S. dependence on foreign oil.

A program of West Virginia University, the NAFTC is a membership organization consisting of National and Associate Training Centers located nationwide from Maine to California. Each center provides *Training with Impact* through its experienced instructors and real-world shop facilities. Numerous other members including non-profit and government agencies, corporations, and small businesses also support the NAFTC's mission.

OUR MISSION

To educate the nation about alternative fuel and advanced technology vehicles through program management, curriculum development, training implementation, and outreach and education activities leading to the decrease of U.S. dependence on foreign oil and the improvement of air quality.



"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

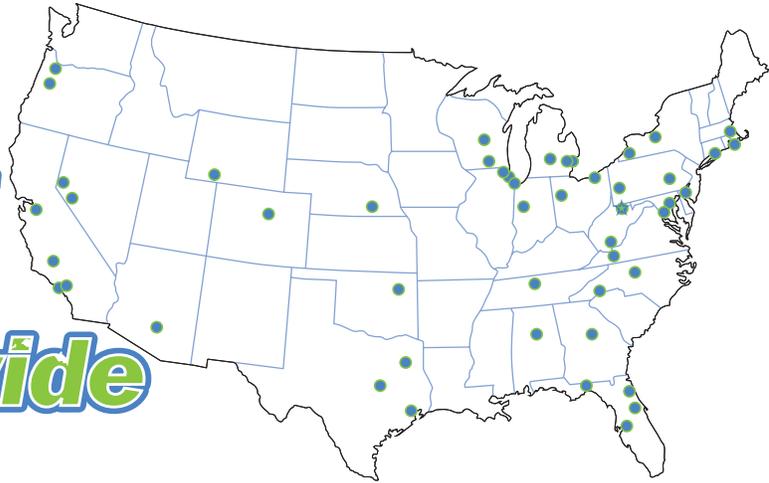


"Collaborating with world class partners to build and deploy clean alternative fuel engines for vehicles, equipment and appliances is definitely one of the rewards of my job. Add to that partnering with a top flight national training expert [NAFTC] to produce a new training asset to help service and maintain all those propane engines. All I can say is my cup runneth over."

- Roy Willis, President and CEO, Propane Education & Research Council



Training Centers Nationwide



WELCOME

Energy independence and clean air are important issues affecting our country and the world today. 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 many feel 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 creating a corps of properly trained 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

The NAFTC's mission is to educate the nation about alternative transportation technologies. The NAFTC provides a vital part of the infrastructure necessary for alternative fuel and advanced technology vehicles to become viable options in transportation. Through the development and delivery of many kinds of training, from state-of-the-art, in-depth technical training to brief informative presentations for the general public, the NAFTC has brought education and awareness of alternative transportation technologies to millions. Our education and awareness efforts to increase the nation's energy security and improve air quality are embodied in our motto, "Because Clean Air and Energy Independence Matter."

DID YOU KNOW?

NAFTC training audiences include technicians, first responders, and others from industry, academic, and government organizations such as the U.S. Air Force, U.S. Postal Service, U.S. Department of Energy, U.S. Environmental Protection Agency, U.S. General Services Administration, National Park Service, NASA, California Highway Patrol, Baltimore Gas & Electric, Walt Disney World, Atlanta MARTA, City of Phoenix, Phoenix Valley Metro Bus Service, Greater Cleveland Regional Transit Authority, City of Louisville, Kentucky and many other companies, agencies, and government fleets.



"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



OFFERING MORE THAN 35

NAFTC courses span one to five days, and are conducted in a traditional classroom environment at the NAFTC or 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 utilizing the NAFTC curricula.)

Automotive Technicians
 Firefighters
 Emergency Services
 Law Enforcement
 Fleet Management
 Fleet Managers
 Government Officials/
 Decision Makers
 Secondary Education
 Post-Secondary Education
 Code Officials/AHJs
 Construction/
 Contractors/
 General/Consumers

Courses*	Automotive Technicians	Firefighters	Emergency Services	Law Enforcement	Fleet Management	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).

***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.**

	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
Workshops*										
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			✓	✓						



"The NAFTC does a tremendous job with alternative fuels education and training. Their programs are well written and easily received."

- Chris Peterson, Toyota Service Training Supervisor





CURRICULUM DEVELOPMENT

NAFTC curricula are developed for a wide variety of audiences, based on the most up-to-date industry information. The award winning, industry recognized curricula undergoes a rigorous examination by professional industry subject matter experts before being released for use.



TECHNICAL TRAINING - COURSES AND WORKSHOPS

Learn the basics or gain in-depth knowledge of alternative fuel and advanced technology vehicles by attending one of more than 35 courses and workshops, at our location or yours. Courses and workshops are customizable based upon audience needs.



GENERAL EDUCATION AND OUTREACH

The NAFTC conducts education and outreach activities, such as its premier event, National AFV Day Odyssey, which is dedicated to promoting cleaner choices in transportation.



PROGRAM MANAGEMENT

The NAFTC has managed more than \$37 million in programs through funding from the U.S. Department of Energy, U.S. Environmental Protection Agency, FEMA, and other government and private sector industry entities.





WHY WE MAKE A DIFFERENCE

The NAFTC's impact is tremendous and far-reaching. Hundreds of thousands have benefited from the alternative fuel and advanced technology vehicle training and education the NAFTC offers. Millions more have been reached through outreach programs such as National AFV Day Odyssey. Developed and conducted by the NAFTC, Odyssey is the largest nationwide educational awareness event promoting the use of alternative fuel and advanced technology vehicles.

Through its services of providing education and creating awareness about alternative fuel and advanced technology vehicles, the NAFTC strives to make a difference in lessening U.S. dependence on foreign oil, strengthening national and energy security, and providing a cleaner environment for future generations.



"It is important for our firefighters to know how to identify the type of fuel or propulsion system a vehicle may have in order to take the right steps in an emergency situation. We have encountered a situation involving an alternative fuel vehicle where an explosion occurred while crews were on the scene. It was very fortunate that no one was seriously hurt as the tanks and debris were found good distances away. This proves that there is much to be learned about types of vehicles. While gathering information on this incident, I stayed in contact with the NAFTC and they were more than willing to share information with me along with giving me advice to what questions needed to be asked. The NAFTC is a great resource for information and a great partner to the fire service."

- Captain Chris Womock, Extrication/SAR Coordinator, Indianapolis Fire Department, Department of Public Safety

NAFTC SERVICES IMPACT MILLIONS NATIONWIDE



TECHNICAL TRAINING

The NAFTC has delivered more than 2,150 courses and trained more than 39,500 pre- and in-service technicians, instructors, first responders, fleet managers, government officials, and business owners across the U.S. about alternative fuel and advanced technology vehicles.



GENERAL EDUCATION AND OUTREACH

The NAFTC has conducted more than 1,950 workshops and education/outreach events, with more than 1.3 million attendees, promoting the importance of alternative fuel and advanced technology vehicles. This includes more than 850,000 direct attendees of National AFV Day Odyssey events across the nation.



MEDIA REACH

The NAFTC has strengthened the awareness of millions about the benefits of alternative fuel and advanced technology vehicles through media reach as a result of National AFV Day Odyssey events and other NAFTC activities. This includes substantial efforts on social media sites and media coverage of NAFTC successes.



"The NAFTC offers member meetings that provide networking opportunities and unique alternative fuels training that are not available anywhere else. The connections made and training received through NAFTC have had a profound impact on our ability to advance our alternative fuels training program."
-Kent Johnson, Assoc. Prof. & Chair, Automotive Trades Dept., School of Applied Technology, Alfred State College



TOGETHER, WE DO MAKE A DIFFERENCE

As a pioneer and leader in providing alternative fuel and advanced technology vehicle education nationwide, the NAFTC continually strives to meet the educational needs of the industry, along with supporting and promoting programs and activities that will lead to energy independence and cleaner air. These efforts include expanding the number of courses and workshops available to key target audiences; identifying and developing curricula and training for new audiences within the industry; adding additional members throughout the U.S.; developing and managing funded programs; and conducting nationwide outreach programs.

LEARN MORE

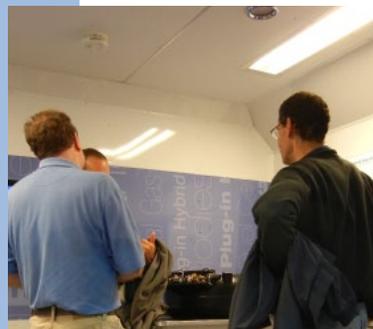
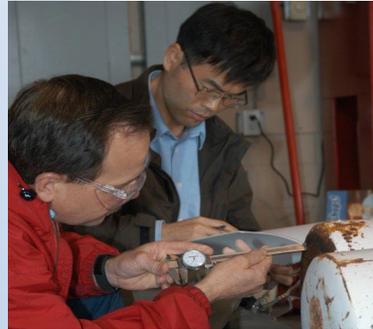
To learn more about the NAFTC, please visit our website at www.naftc.wvu.edu. If you have an interest in becoming a NAFTC member or attending a course, workshop, or public education activity, please email us at NAFTC@mail.wvu.edu or call 304-293-7882 for additional information.

NATIONAL ALTERNATIVE FUELS TRAINING CONSORTIUM

PO Box 6704
886 Chestnut Ridge Road
Morgantown, WV 26505

NAFTC@mail.wvu.edu
304.293.7882
www.naftc.wvu.edu

**Training
with Impact**



**National Alternative Fuels
Training Consortium**

A Program of

