

# Alternative Fuel Vehicle Safety Training



This course was designed for first responders by the National Alternative Fuels Training Consortium (NAFTC). Instructor Todd Allen is a career firefighter since 1992 and currently serves as Battalion Chief in Moline, Ill. This 8-hour safety training course is offered on two consecutive days. **When registering, choose either March 20 or March 21, not both.**

## First Responder Safety Training for Alternative Fuel Vehicles

### Date / Time (choose one):

March 20, 2015, 8am – 4pm

March 21, 2015, 8am – 4pm

### Location:

Wichita Regional Training Facility  
4780 E 31<sup>st</sup> Street South, Wichita, KS  
Room 123

### Cost to Attendees:

FREE for full-time and volunteer first responders

### To Register:

<http://altfuelsafetytraining.eventbrite.com>  
Or CentralKSCC.org Events & Schedule tab

### CEUs:

Contact David Johnson at 816-531-7283 or  
email at [djohnson@metroenergy.org](mailto:djohnson@metroenergy.org)

### Overview

Become better equipped to address incidents involving the growing number of vehicles on the road powered by alternative fuels. Alternative fuel vehicles (AFV) are different than our standard internal combustion powered vehicles! In addition, the fuels used to power these vehicles can be dramatically different. First responders need to know what unique hazards are present when these AFV require emergency attention.

### Audience

Firefighters, law enforcement officers, paramedics, emergency medical technicians and hazardous response officials.

### Training Curriculum

#### GASEOUS FUELS AND GASEOUS FUEL VEHICLES

Covers two gaseous fuels (natural gas and propane autogas) and introduces the different types of gaseous fueling stations and station safety systems. First responders will also learn how to recognize compressed natural gas, liquefied natural gas, liquefied petroleum gas, their properties, current gaseous fuel vehicles, and their vehicle components. Reviews on tactical response considerations, required personal protective equipment for responding to an incident, general firefighting measures, and extrication.

#### BIOFUELS AND BIOFUEL VEHICLES

Covers biodiesel and ethanol and will properly train and educate first responders on the chemical properties, biofuel vehicles, infrastructure, transport, stations, and handling, as well as first responder procedures related to biofuels and biofuel vehicles.

#### ELECTRIC DRIVE VEHICLES

Although as safe as conventional vehicles, high-voltage hybrid and electric vehicles pose a new set of concerns for first responders, especially when approaching an accident scene. This workshop introduces first responders to current electric drive vehicles, battery electric vehicles (BEVs), voltage and amperage, explains their characteristics and configurations, and their safety features and extrication procedures.

### For more information

- Instructor – FS Circle Solutions: [www.fscircle.org](http://www.fscircle.org)
- Clean Cities and Training programs – Metropolitan Energy Center: [www.metroenergy.org](http://www.metroenergy.org)
- Alternative Fuels – Central KS Clean Cities Coalition: [www.CentralKSCC.org](http://www.CentralKSCC.org)

### Mid-America Collaborative for Alternative Fuels Implementation



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