



# Advanced Drivability-Emissions Training

## Course overview:

Today's technicians are required to stay up to date on the latest automotive component technologies and diagnostic strategies. As Emission systems technology advances, the diagnostic process also changes. Utilizing diagnostic strategies including those for Wideband and AFR Sensors will increase the shop's bottom line and reduce time spent on emissions related repairs.

## Learning Objectives:

Advanced Drivability Training will cover:

- Wideband and oxygen sensor heater types and testing
- Forming diagnostic strategies utilizing:
  - Short Term Fuel Trims (STFT)
  - Long Term Fuel Trims (LTFT)
  - GM Adaptive Fuel Control (AFC)
  - Ford Keep Alive Memory (KAM)
- Extensive coverage for diagnosing P0400, P0420 and P0430 (Catalyst Efficiency Codes)
- How to properly analyze sensor waveforms
- The use of bi-directional controls when emissions testing and diagnosing (\$09) Mode 9
- Smoke testing procedures for: Chrysler LDP Valves, catalytic converters and subcomponents of the emissions system
- Mode (\$02) - Freeze Frame data
- Mode (\$06) - Test results

## Target Audience:

Experienced repair technicians and instructors.



Complete the following form and return to your Sales Representative.

Date /Time	Location:	Cost:
Name:	Shop:	# of Techs

