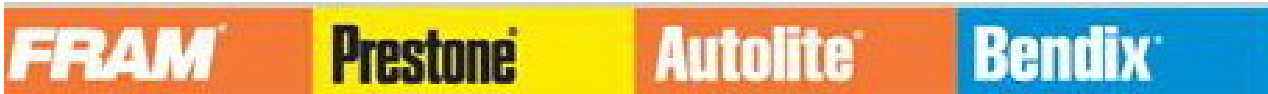
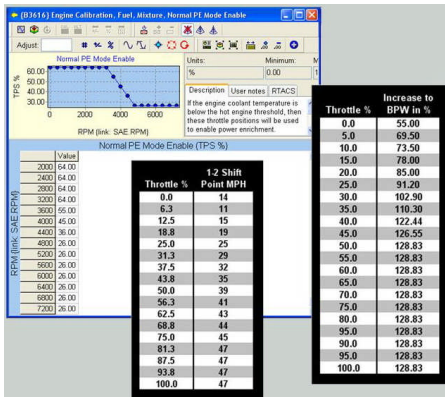


# AUTOMOTIVE TECHNICIAN TRAINING PROGRAM presents...



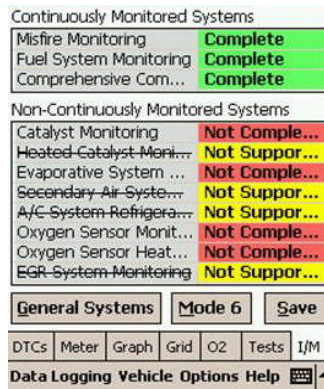
## History

### OBDI -1980-1995



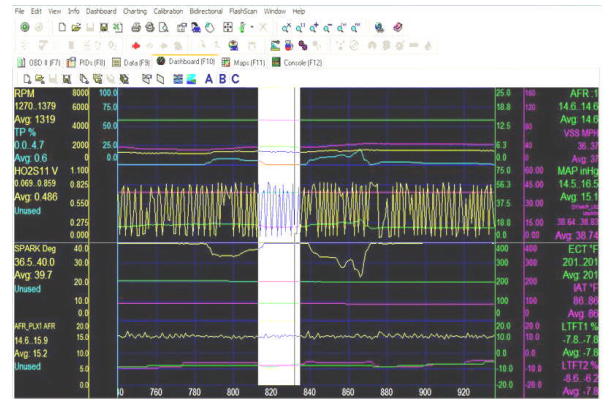
## Present

### OBDII – 1996-2012



## Coming soon

### OBDIII -2013 -2025



**Modern Powertrain Management-** This class teaches the professional technician how today's onboard microprocessors interact and control vehicle systems. The modern control module and data bus will be explored from the inception of OBDII, SAE J1850 protocol and today's HI speed CAN Bus serial network. **Programming Subscriptions & Reprogramming remanufactured PCM's and TCM's.**

## What is OBDII and what is changing under OBDIII?

Understanding discreet systems, sensors and their functions. PCM's, (Powertrain Control Modules), TCM's (Transmission Control Modules), ECM's (Engine Control Modules). Diagnostic Trouble Codes, (DTC's), No Code Failures, EPA Readiness Tests. Fuel Trim Analysis, Misfire Diagnosis, Cylinder Balance Test, Crank Angle Position Calibration, Transmission Output tests. Anti-Theft, VAT's and PASS Key system interaction. OEM & Aftermarket Scan tools.

**Ignition Systems -** This class is intended to familiarize technicians with the various types of systems and components used in electronic ignitions over the last 25 years. techs will learn to identify ignition components and sensors and understand how they affect and control engine operation. Also understand primary and secondary ignition operation, looking at spark plugs to pinpoint potential problems. The importance of Ignition system maintenance, Electronic Spark Control, Waste Spark and Coil on Plug Systems, Review electronic circuit diagrams for ignition systems, Common no-start failures in systems.



**Dave Buckshaw: aka "The Calibrator"** Dave has over 25 years of electronic fuel injection experience. He was the former owner and engineer of Digital High Performance, an automotive fuel injection software company that specialized in reprogramming GM computers for performance use. Dave now heads up the development department of training for the Autolite electrical group. Dave's brings us his database of knowledge and experience as a fuel systems calibration engineer to unlock some of the industries inside mystery behind the MIL light!

To register call:

**AUTOMOTIVE TECHNICIAN TRAINING CENTER 718-492-0985**

355 65th St. Between 4<sup>TH</sup> & 3<sup>RD</sup> Ave. Brooklyn, NY.11220

**Date:** (2 nights) March

**Time:** 7-10 PM

**Workbooks included**

