



# REGISTER NOW!

## Electronics in the Modern Automobile Training Classes



Presented by EAST Training

### Wednesday & Thursday – October 9 & 10, 2019 Electronics in the Modern Automobile – Module 1

Application of electronic components in the automobile. Semiconductors, barrier voltage, diodes, for rectification, circuit protection, current control, zener diodes for voltage regulation. LED's, transistors NPN, PNP, Darlington pairs, SCR's (Silicon Controlled Rectifiers), open collector transistors – construction function and testing. Resistors and condensers in automotive circuits. Several types of automotive electronic circuits will be evaluated and explained. Schematics will be presented describing construction of several useful shop diagnostic tools, which can be assembled using knowledge learned in this course. Students are asked to bring their DVOM/DMM.



### Wednesday & Thursday – October 23 & 24, 2019 Electronics in the Modern Automobile – Module 2

This course builds on Module 1, and covers additional electronic components and systems used in automobiles. We will delve deeper into the use of semiconductors – transistors, photoelectric devices – photocells & photoresistive components. We will construct more complex circuits on electronic trainer boards. We will cover transistor gain and build circuits to demonstrate and measure gain. Case studies will demonstrate how your new found knowledge of transistor operation will allow you to diagnose and repair failed components. We will explain and demonstrate the use of Logic probes and Logic pulsers. This is a hands-on class. Students are asked to bring their DVOM/DMM.

**Both classes will be held at Hillmuth Automotive Columbia, 6810 Oak Hall Lane, Columbia, MD 21108 (410-381-1124).**

**Food will be served at 5:30 p.m.**

**Classes meet for 4 hours each day from 6:00 p.m. to 10:00 p.m.**

### REGISTRATION FORM ..... M1 M2

Attendee #1 \_\_\_\_\_

Attendee #2 \_\_\_\_\_

Attendee #3 \_\_\_\_\_

Attendee #4 \_\_\_\_\_

Business \_\_\_\_\_

Contact \_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip \_\_\_\_\_

Phone \_\_\_\_\_

Email \_\_\_\_\_

### REGISTRATION FEES

(price is for 2 days of training & includes dinner both days)

**Exclusive Member Rates:** \$199.00 per Technician

**Non-Member Rates:** \$299.00 per Technician

#### Module 1

Member Technicians \_\_\_\_\_ x \$199.00 = **Amount \$** \_\_\_\_\_

Non-Member Technicians \_\_\_\_\_ x \$299.00 = **Amount \$** \_\_\_\_\_

#### Module 2

Member Technicians \_\_\_\_\_ x \$199.00 = **Amount \$** \_\_\_\_\_

Non-Member Technicians \_\_\_\_\_ x \$299.00 = **Amount \$** \_\_\_\_\_

**Module 1 + Module 2 Total Amount Due \$** \_\_\_\_\_

### PAYMENT OPTIONS

**Check enclosed (payable to WMDA) and mail to:**

WMDA, 1532 Pointer Ridge Place, Suite F, Bowie, MD 20716

Charge my:  Visa  MasterCard  American Express

Name on Card \_\_\_\_\_

Card # \_\_\_\_\_

Expiration Date \_\_\_\_\_

CVW Code (on back of card) \_\_\_\_\_

Billing Zip Code \_\_\_\_\_

Signature \_\_\_\_\_

Checking this box represents my electronic signature

**3 EASY WAYS  
TO REGISTER**

**MAIL** Completed Registration Form and Check to WMDA at the address shown above.

**FAX** Completed Registration Form with Credit Card information to 301-390-3161.

**CALL** Debra Webster at 301-390-0900, ext. 101.