

Troubleshooting CANbus “Hands-On” 2-DAY SEMINAR

This course is designed for anyone requiring an understanding of the CANbus System and needing to advance their skills further as it applies to the everyday workplace. This is NOT ONLY a seminar on theory; the discussion will be on practical applications.

“Hands-On” Training. Students will build and experiment with circuits constructed on our fully equipped Tradecraft Platform™ simulators. Anyone desiring an in-depth understanding of the basic function of Controller Area Network system (CANbus), component operation and accepted troubleshooting steps will benefit from this training. Time is spent equally between lecture and hands-on lab experiments.

Introduction to CANbus Systems

Overview of CANbus
History of CAN
Advantages of CAN
How CANbus Works
CANbus Signal
CANbus Protocols

CANbus Diagnostics

OBD-II
J1939 Protocols
ECM Engine control Modules
Common U Codes
Most Common Problems
Troubleshooting Approach

High End Readers

Advanced Diagnostic
Troubleshooting Capabilities

TROUBLESHOOTING TOPICS:

Diagnostic Tools
Dividing Networks
Isolating Modules
Oscilloscope
De-coding Signals in CANbus
Identifying a Slow Responding Module



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COURSE INCLUDES

1.6 CEU'S | Lab Manual

Certificate of Completion | All Materials and Supplies

REGISTRATION FORM

ENROLLMENT ARRANGEMENTS SHOULD BE RECEIVED A MINIMUM OF
SEVEN DAYS PRIOR TO THE SEMINAR DATE

PLEASE USE A SEPARATE FORM FOR EACH COURSE NUMBER

COURSE LOCATION: _____ COURSE DATES: _____

STUDENT: _____

COMPANY: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

PERSON TO CONTACT IF THERE IS A CHANGE IN SCHEDULE: _____

PHONE: _____ EXT: _____

EMAIL: _____

SELECT PAYMENT METHOD:

_____ STUDENT(s) @ \$1,295 PER PERSON TOTAL \$ _____

CHECK IS ENCLOSED

USE OUR PURCHASE ORDER NO. _____

VISA M/C AMEX CARD HOLDER _____

CARD NUMBER: _____ EXP: _____ CVV: _____

Class Schedule:

7:30 A.M. – 3:30 P.M.

LUNCH (NOT PROVIDED)

11:00 A.M. – 12:00 P.M.

ENROLL TODAY, classes fill quickly

2-Day Seminar \$1,295 Per Person

On-Site Programs Available

For more information or to register contact us:

800-704-1066 or email info@nfpitraining.com