

## 1-Day Live Online CANbus Troubleshooting

### LIVE ONLINE SEMINAR

Courses Available  
Throughout the Year

[WWW.NFPITRAINING.COM](http://WWW.NFPITRAINING.COM)

**COST: \$625.00**

**INCLUDES:**

Class Manual  
Certificate of Completion



#### 1. Introduction to CANbus Systems

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

#### 2. CANbus Diagnostics

OBD-II  
J1939 Protocols  
ECV's or Nodes  
Common U Codes  
Most Common Problems  
Troubleshooting Approach

#### 3. Tools for CANbus Troubleshooting

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

#### 4. CANbus Architecture and Components

OBD-II  
CANbus Signal  
CANbus Network  
J1939 Truck and Heavy Duty

#### 5. Step-by-Step Troubleshooting

Preliminary Electrical Checks  
Meter Checks  
Wiring Issues

#### 6. Advanced Troubleshooting Techniques

Signal Analysis  
Detecting Interference Modules  
Configure and Reprogram Codes  
Diagnosing Modules

#### 7. High End Readers

Advanced Diagnostic  
Troubleshooting Capabilities

### REGISTRATION FORM

PLEASE USE A SEPARATE FORM FOR EACH COURSE# \_\_\_\_\_

COURSE LOCATION: \_\_\_\_\_ COURSE DATES: \_\_\_\_\_

PERSON TO CONTACT IF THERE IS A CHANGE IN SCHEDULE: \_\_\_\_\_

STUDENTS: \_\_\_\_\_

COMPANY: \_\_\_\_\_ PHONE: \_\_\_\_\_ EXT: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ EMAIL: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

CHECK IS ENCLOSED ( \_\_\_\_\_ ) STUDENT(s) @ \$625 PER PERSON \$ \_\_\_\_\_

USE OUR PURCHASE ORDER NO. \_\_\_\_\_

VISA  M/C  AE # \_\_\_\_\_ EXP. DATE: \_\_\_\_\_

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

For more information or to register contact us: 800-704-1066 or email [info@nfpitraining.com](mailto:info@nfpitraining.com)