

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



#### COURSE OUTLINE:

Students will build and experiment with circuits and systems constructed on our fully equipped simulators.

The course is ideally suited for maintenance and mechanic personnel, first line supervisors, engineering, and anyone desiring an advanced understanding and appreciation of electrical controls and instrumentation and troubleshooting techniques. Time is spent equally between lecture and hands-on lab experiments.



#### PLEASE USE A SEPARATE FORM FOR EACH COURSE NUMBER

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

STUDENT(s): \_\_\_\_\_

COMPANY: \_\_\_\_\_

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

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

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

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

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

#### COURSE TOPICS:

- ✓ Basics of Electronic Components
- ✓ Semiconductor Components
- ✓ Amplifiers
- ✓ Instrumentation Overview
  - Monitoring
  - Controls
  - Automation
- ✓ Communication
- ✓ Network Configuration
- ✓ Data & Signal Types
- ✓ Sensors
- ✓ Troubleshooting Techniques
- ✓ Power Supplies
- ✓ Sensor Spanning & Calibration
- ✓ Communication Configurations
- ✓ Test Equipment

#### COMPONENTS & SYSTEM

##### TROUBLESHOOTING:

- o Analog
  - Voltage
  - Current Loops
  - Span
- o Sensor Configuration
  - Differential Pressure Cell
  - Pressure Sensor
  - Digital Setup
  - Analog Setup
- o Communication
  - Master, Slave Addresses
  - Network Configuration
  - Wireless Configuration

#### SELECT PAYMENT METHOD:

\_\_\_\_\_ STUDENT(s) @ \$1,195 PER PERSON TOTAL \$ \_\_\_\_\_

CHECK IS ENCLOSED

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

VISA  M/C  AMEX CARD HOLDER \_\_\_\_\_

CARD NUMBER: \_\_\_\_\_ EXP. DATE: \_\_\_\_\_

#### Class Schedule:

8:00 A.M. – 4:00 P.M.

LUNCH (NOT PROVIDED)

12:00 P.M. – 1:00 PM.

ENROLL TODAY, classes fill quickly

2-Day Seminar \$1,195 Per Person

On-Site Programs Available

Questions? Contact us at:

800-704-1066 or email [dan@nfpitraining.com](mailto:dan@nfpitraining.com)

#### COURSE INCLUDES

NFPI Training Lab Manual | All Materials and Supplies | Certificate of Completion



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