



COURSE INCLUDES

- 2.4 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) @ \$1,795 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 P.M.

ENROLL TODAY, classes fill quickly

3-Day Seminar \$1,795 Per Person

On-Site Programs Available

For more information or to register contact us:

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

This course is designed for anyone requiring an understanding of DC circuits, and needing to advance their skills further as it applies to DC equipment and systems.

"Hands-On" Training. Students will build and experiment with circuits constructed on our fully equipped simulators. Anyone desiring an in-depth understanding and appreciation of electrical systems, component operation and troubleshooting techniques will benefit from this training. Time is spent equally between lecture and hands-on lab experiments.

COURSE TOPICS:

- Current, Voltage And Resistance
- Physics and Math of Electricity
- How to use Multi-Meter
- Batteries
- Alternators and Generators (DC/DC)
- Diodes
- Coils and Coil Packs
- Sizing Wire of DC Circuits
- DC Overcurrent Protection
- NEMA and IEC Electrical Symbols
- DC Motors
- DC Motor Speed Control
- Troubleshooting DC Motors

HANDS-ON TROUBLESHOOTING EXERCISES:

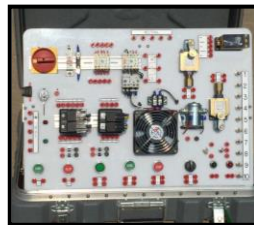
- Testing With Multi-meter
 - Voltage
 - Current
 - Resistance
 - Voltage Drop
 - Diodes
 - Relay Coils
- Rectified DC Voltage
- Circuit Wiring
- Circuit Troubleshooting
- Circuit Protection

NOTE: Attendees should bring their own multimeter to this Hands-On training

MULTIMETER USED TO TROUBLESHOOT:

- Brake/Turn Signal Control
- Radiator Fan Auto/Manual Control
- Positive and Negative Switching
- Headlight and Hi Beam Control
- Electric Over Hydraulic Cylinder Control

- Dual Mode Control
- Power Control
- Winch Control
- Start Circuit



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