



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

#### COURSE OUTLINE:

**Student will build and experiment with circuits constructed on our fully equipped simulators.**

The course is ideally suited for maintenance and mechanic personnel, first line supervisors, engineering, and anyone desiring an in-depth understanding and appreciation of hydraulic systems, component operation 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: \_\_\_\_\_

#### TROUBLESHOOTING COMPONENTS:

#### SYSTEMS ANALYSIS:

- Pumps
- Motors
- Cylinders
- Directional Control Valves
- Pressure Controls:
  - Relief Valves
  - Sequence Valves
  - Pressure Reducing Valves
  - Unloading Valves
  - Counterbalance Valves
  - Locking Valves
- Flow Controls
- Check Valves

- Reading & Understanding Schematics
- Preventative Maintenance
- Seal Compatibility
- SSU Viscosity
- Heat Transfer
- Cavitation
- Safety
- Filtration
- Accumulators
- Life Expectancy
- System Efficiency
- Sizing Lines And Fittings

#### COURSE INCLUDES

Textbook and Lab Manual | Fluid Power Data Book  
All Materials and Supplies | Certificate of Completion

#### SELECT PAYMENT METHOD:

\_\_\_\_\_ STUDENT(s) @ \$1,525 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  
3-Day Seminar \$1,525 Per Person  
On-Site Programs Available

Questions? Contact us at:

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