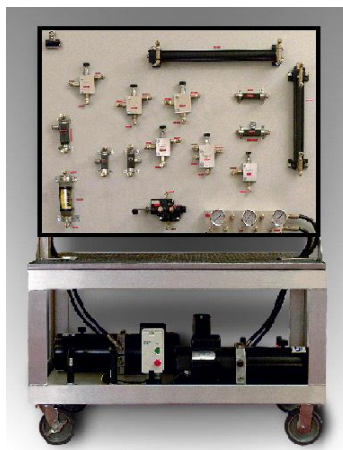


### COURSE OUTLINE:

**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



### TROUBLESHOOTING COMPONENTS:

- 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

### SYSTEMS ANALYSIS:

- 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

Lab Manual  
All Materials and Supplies

Fluid Power Data Book  
Certificate of Completion



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

## 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(s): \_\_\_\_\_

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

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

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

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

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

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

### SELECT PAYMENT METHOD:

\_\_\_\_\_ STUDENT(s) @ \$1,895 PER PERSON TOTAL \$ \_\_\_\_\_

☐ CHECK IS ENCLOSED

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

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

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

### 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

3-Day Seminar \$1,895 Per Person

On-Site Programs Available

For more information or to register contact us:  
806-358-9055 or email [info@nfpitraining.com](mailto:info@nfpitraining.com)