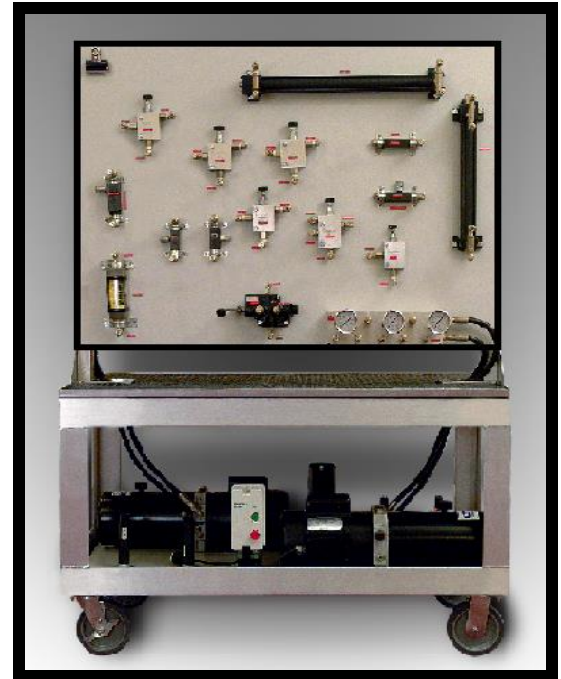


“TROUBLESHOOTING HYDRAULICS”

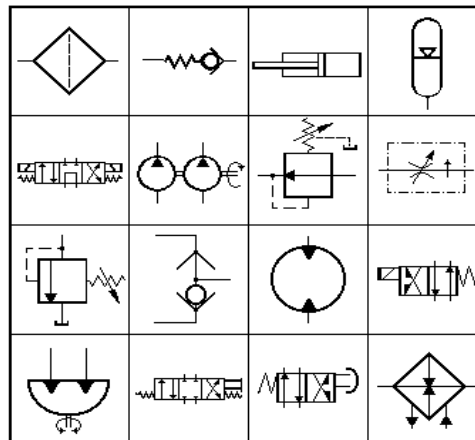
HANDS-ON TRAINING

The National Fluid Power Institute is proud to announce our Hands-On Training “*Troubleshooting Hydraulics*” course. Students 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 and engineering. Designed for 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 that support the lecture material. Included in this course are comprehensive textbooks, fluid power data books, and laboratory manuals.



TROUBLESHOOTING COMPONENTS

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



SYSTEMS ANALYSIS

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



- 3-day program
- \$1,095 per person
- On-Site programs available
- Courses offered throughout the year

BOISE, ID	APRIL 29 – MAY 1, 2015
CLASS HOURS 8:00 a.m. – 4:00 p.m. LUNCH (Not Provided) 12:00 p.m. – 1:00 p.m.	BEST WESTERN VISTA 2645 AIRPORT WAY BOISE, ID 83705 208-336-8100