

Training Class Agenda 2008 Level II

Day 1

Review

- Hydraulics

Electronic Component Basics

- Ohm's Law
- Symbols
- Units of Measure
- Kirchoff's Law
 - Series Circuits
 - Voltage Dividers
- Diodes
- Transistors
- Relays
- Variable resistors
- Pressure Transducers
- Sensors
 - NTC's
 - All other sensors
- OP Amps
 - Amplifiers
 - Non-inverting
 - Inverting
 - Comparators
- Digital Gates
 - AND, NAND, OR, NOR, & Inverters
- Data Flip Flop
- Binary Numbering
- DAC's & ADC's
- Block Diagram A Overall
- Block Diagram - Card Cage And Display Board
- Diagram C Flow
- Switch Matrix
- Troubleshooting

Day II

- Diagram B Power Distribution
- Diagram D Temperature
- Troubleshooting

Day III

- Diagram E Conductivity
- Diagram F Monitors and Alarms
- Diagram G Testing
- Troubleshooting

Day IV

- Diagram H Fill Program
- Troubleshooting
- Written Test
- Test Review