

# TECHNICAL TRAINING SCHOOL

## Register now for the 2010 Technical Training Classes

Now located at our company headquarters at 107 Grand Blvd., Vancouver, WA 98661

**Basic Electrical Class:** A good knowledge and proper application of electrical schematics will make your job easier and more effective. Understanding schematic drawings of electrical circuits will also help you rapidly pinpoint and correct possible faults as well as diagnose existing problems. This four (4) day hands-on class will help you understand, electrical symbols, read electrical schematics, be able to use a test meter properly, quickly recognize areas at fault, and help you reduce your down time. This course is a must for all machine operators, plant maintenance personnel, and plant production managers.

**Basic Mechanical (Fall Class):** This class offered only in October, covers instruction on proper steps and procedures for installing a front-end rebuild kit on a Model 16HF machine. Students will get hands-on experience re-installing the front-end, making adjustments, and returning the machine back to operation. This one week class is a must for all machine operators, plant maintenance personnel, and plant production managers.

**Basic Mechanical (Winter Class):** This class offered only in February, covers instruction on general hydraulics, pneumatics, and preventative maintenance. Students will get hands-on experience on making machine adjustments, hydraulic and pneumatic settings, and more in-depth instruction on hydraulic circuitry and valve technologies. This one week course is a must for all machine operators, plant maintenance personnel, and plant production managers.

**Allen Bradley Controls Class:** Understanding your control system is a vital part in keeping your plant operation productive. This four (4) day course covers I/O components; input, output, analog, remote I/O, and flex I/O modules. Work hands-on using a computer, Allen Bradley software and a PLC workstation. Learn how to connect to the load/save program and troubleshoot. This course is a must for all plant maintenance personnel, and plant production managers.

3) (SHT. 3) SLOT #1 1492-FM20F 1746-IB16 10-38VDC SINKING (SHT. 3) (SHT. 3) 52 53

IN 0  
IN 1  
IN 2  
IN 3

PALLETTABLE HIGH ABS. AUTO  
"OK"  
COMP. HEAD

SLOT #2 1492-FM20F 1746-IB16 10-38VDC

52 53

IN 13  
IN 14  
IN 15  
DC COM  
DC COM

52 53

FROM VFD PANEL "FILL" SELECT  
FROM VFD PANEL "COMPRESSION" SELECT

52 53

DC COM

# TECHNICAL TRAINING SCHOOL

## Now located at our brand new training center

107 GRAND BLVD • VANCOUVER, WA 98661 • (360) 694-1501

### **Basic Electrical - \$795**

- February 16-19
- October 4-7

### **Basic Mechanical - \$995**

- February 22-26
- October 11-15

### **Allen Bradley Controls - \$795**

- March 1-4
- October 18-21

- ▶ Register online: [www.columbiemachine.com/technical\\_schools.php](http://www.columbiemachine.com/technical_schools.php)
- ▶ By mail: Columbia Machine, Inc.  
P.O. Box 8950  
Vancouver, WA 98668-8950 Attn: Scott Hutton
- ▶ Or by fax: (360) 906-5728 Attn: Scott Hutton

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### **Applicant Information**

Name: \_\_\_\_\_ Job Title: \_\_\_\_\_  
Company Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State/Province: \_\_\_\_\_ Postal Code: \_\_\_\_\_ Country: \_\_\_\_\_  
Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_  
Personal Email: \_\_\_\_\_

### **Company Information**

Company Name: \_\_\_\_\_  
Contact Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State/Province: \_\_\_\_\_ Postal Code: \_\_\_\_\_ Country: \_\_\_\_\_  
Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_  
Company Email: \_\_\_\_\_

### **Payment Information**

Method of Payment:  Check  Visa  Mastercard  Discover  
Company Name: \_\_\_\_\_ Contact Name: \_\_\_\_\_  
Card Number: \_\_\_\_\_ Exp. Date: \_\_\_\_\_  
Name on Card: \_\_\_\_\_ Signature: \_\_\_\_\_

### **General Information**

Airline tickets should specify Portland International Airport (PDX) as your destination. Transportation between the airport and hotel is at the registrants expense. The hotel will provide a shuttle service between the hotel and the classes at Columbia Machine headquarters each day. Shuttle departs at 7:30am from the hotel lobby each morning of the scheduled class. Hotel accomodations may be made at:

Homewood Suites by Hilton  
701 SE Columbia Shores Blvd.  
Vancouver, WA 98661  
Phone: (360) 750-1100 Fax: (360) 750-4899

#### **Questions?**

Call us: 1-800-628-4065

Terms, cancellations, deadlines, travel plans: If you must cancel, please contact Scott Hutton at (360) 694-1501 ext. 573. Refunds will only be issued through the Thursday prior to the beginning of the class. All cancellations will be subject to an administrative fee. Any class may be cancelled if student enrollment is below minimum attendance. If class is cancelled, a notification will be sent two weeks prior to class start along with a full refund. It is advised to not purchase a non-refundable or non-transferable ticket, as classes may be cancelled or rescheduled. Columbia Machine is not responsible for any airfare charges incurred as a result of a class cancellation.

[www.columbiemachine.com](http://www.columbiemachine.com)