

# Extended Learning

## **Forklift Operator Refresher & Re-Certification, FRKLF 111**

Course covers the required areas of machine design, state and federal regulations, inspection procedures, safe operation and fuels used for forklifts. Students learn through lecture, hands-on demonstrations and hands-on operation. This class is perfect for those wishing to stay current with forklift operator certification in accordance with OSHA standards.

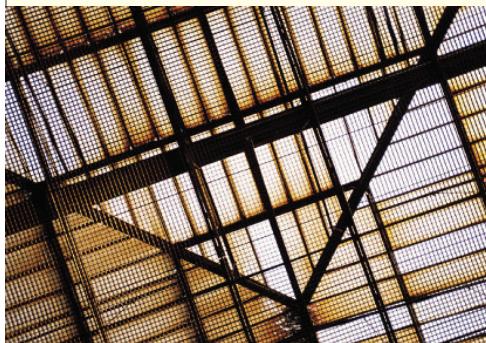
3601, BSC-BldgA, Sat, Arranged, 9-3 p.m., 6 hrs, \$125

## **Backhoe/Loader Course, FRKLF 097**

Obtain the knowledge and hands-on skills required to become a certified backhoe/loader equipment operator.

7211, BSC-A206, T,Th, 1/5-1/21, 5:30-9:30 p.m., 24 hrs, \$350

## **Fundamentals of Home Inspection**



This five-course certificate series is part of the 120 hours of educational training that the Washington State Department of Licensing requires for home inspection licensing. There are no pre-requisites, so take one course or all three. The two remaining courses will be offered in spring quarter. Students will earn credits for each class and a Certificate of Training in all five credits. Prices do not include books.

### **Fundamentals of Home Inspection – Communications and Professional Practices, HINSP 101**

3565, BDC-318, T, 12/1-1/12, 5-9 p.m., 20 hrs, \$300, 2cr

### **Fundamentals of Home Inspection – Structures/Exteriors/Roofing, HINSP 102**

3566, BDC-318, W, 12/2-2/17, 5-8 p.m., 30 hrs, \$400, 3cr

### **Fundamentals of Home Inspection – Plumbing/Electrical, HINSP 103**

3567, BDC-318, Th, 12/3-2/18, 5-8 p.m., 30 hrs, \$400, 3cr

## **HVAC**

### **Air Conditioning/Refrigeration EPA Exam (CFC Exam), HVAC 121**

This exam meets the requirements set forth by the EPA (Section 608 of the Clean Air Act). The preparatory manual contains information necessary for a technician to achieve a passing score on Type I, II, III or universal certifications. Students must register and receive a preparatory manual 10 days prior to the exam date.

3450, BDC-E103, M, 12/14, 7-10pm, \$95

3451, BDC-E103, M, 1/25, 7-10pm, \$95

### **Industry Competency Exams (ICE Exam)**

The ICE Exam measures industry-agreed standards of basic competency for entry-level (one year or less) technicians. ICE Exams are available in Residential Heating & Cooling, Light Commercial Heating & Cooling and Commercial Refrigeration.

**Last day to register for test is 1/23.**

7301, BDC-E103, F, 1/29, 8-11 a.m. or 12-3 p.m., 3 hrs, \$95

### **HVAC, Basic II, HVAC 093**

This class offers a more advanced look at the theory of refrigeration, mechanical and electrical systems and the skills required to troubleshoot problems. Text is required but not included in the price.

7135, BDC-E103, Sat, 12/5-2/27, 8 a.m.-4:30 p.m., 66 hrs, \$400

## **Machining**

### **MasterCAM, Beginning, CAM 101**

This is a great course for current industrial users and employees who need CAM skills using computers and MasterCAM software. Students will learn CAD drafting techniques, tool path processing and post processing NCI code. Text is approximately \$90 and not included.

7113, BDC-E307, M,W, 12/7-1/27, 5-9 p.m., 48 hrs, \$29

### **Milling and Lathe Machining, Basic, MACH 256**

Stay current with industry changes and gain machining skills to advance your employment. Learn introductory skills for manual milling machine or manual lathe. Become familiar with lathe or milling machining, Hi-Tech equipment, blueprint reading, feeds and speeds.

7114, BDC-B101, M,W, 12/7-1/27, 5-9 p.m., 48 hrs, \$360

### **Milling & Lathe Machining, Beginning, MACH 089**

Course provides entry-level skills with a choice of manual engine lathe or manual milling machine. Topics include blueprint reading, feeds & speeds, Hi-Tech equipment and how to manipulate fractions and decimals to reach allowable tolerances and how to read machine-measuring instruments. Course meets minimum skill requirements for those applying for employment and some apprenticeship programs.

7120, BDC-E101, M,W, 11/30-2/17, 5-9 p.m., 80 hrs, \$470

## **Welding**

### **Welding, Basic, WELD 055**

Oxyacetylene and arc for beginning or experienced welders. Covers flat and vertical beads on plate, cutting and burning. Arc covers 6010 and 7018 electrodes in horizontal, vertical and overhead positions. Courses are 5:30-8:30 p.m., 33 hours, and are \$200 each.

7293, BSC-B311, M,W, 12/7-1/25, 5:30-8:30pm, 33hrs, \$200

7294, BSC-B311, M,W, 1/27-3/8, 5:30-8:30pm, 33hrs, \$200

### **Welding, Advanced, WELD 21**

Processes using inert gas - GMAW in dual shield and short arc; MIG, and Tungsten inert gas welding. Prerequisite: Instructor approval.

7292, BSC-B311, M,W, 12/7-1/25, 5:30-8:30pm, 33hrs, \$396

7292, BSC-B311, M,W, 1/27-3/8, 5:30-8:30pm, 33hrs, \$396

## **Engineering & CAD/CAM**

### **AutoCad, Introduction & Intermediate, ENGT 098**

AutoCad 2006 Introduction/Intermediate is a 60-hour course of AutoCad Fundamentals with an emphasis on drawing and file management. Also covers the use of AutoLisp and the Basics of 3D Drafting.

7112, BDC-E315, T,Th, 1/5-2/23, 5-9p, 60 hrs, \$470