

Your Training Center-

Fall/Winter 2004-05 Update

Local Union #12 JATC

Special points of interest:

- Monday, Sept. 6, 2004–
Labor Day Parade
- Tuesday, Sept. 7, 2004–
classes begin for 4th year
apprentices
- Saturday, Sept. 11, 2004–
Union Picnic: 4 Seasons
North Park– **all new appren-
tices will be sworn in at this
meeting.**
- Saturday, Sept. 18, 2004–
Union Clay Pigeon Shoot.

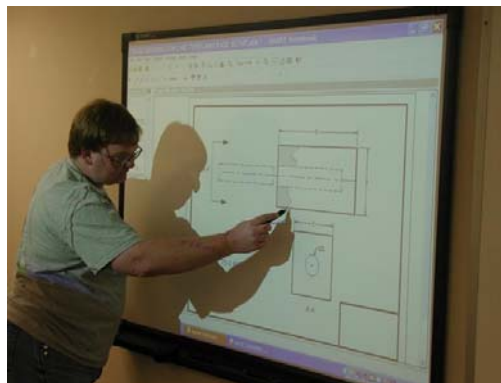
APPRENTICES: Don't forget it is **MANDATORY** that you attend the Labor Day Parade. We will assemble in the Mellon Arena parking lot at 9:00 am. We will have tee shirts and hats for all members this year.

We're on the Web!!! www.smlocal12.org

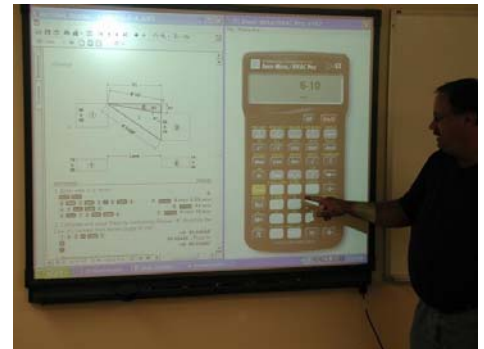
New equipment will improve our Training Center:

Over the Summer, Local #12 JATC has purchased and installed two new Smart Boards. Teamed with 1200 lumen digital projectors, these boards will allow our Apprentice and Journeyman instructors to not only control their laptop computers from the surface of the board in front of the classroom, but the teacher can draw, highlight, and save digital ink on the fly.

This incredible teaching tool has to be seen to be believed, and they will be a valuable resource to enhance many of our Training Center classes.



Here– Len Liebert is adding notes to an AutoCAD layout on one of the new Smart Boards.



Rich Wolf demonstrates the new iTi Calculator by solving a duct offset calculation. The calculator on screen is being operated in front of the classroom by simply touching the Smart Board. The boards also come with four digital ink pens in black, red, green, and blue for drawing on-screen, as well as a digital eraser puck. Any notes or calculations can be saved as a separate file, allowing lesson review.

The Smart boards are also compatible with AutoCAD and QuickPen drawing programs.

*The best revenge
in life is to live
long enough to be
a problem to your
children. 😊*

Full slate of Journeyman training classes starting soon:

Enclosed, please find the Journeyman Training registration form for 2004-05. Along with the normal slate of classes, we are adding a class that has not been offered for several years. Over the Summer, Local #12 has installed the latest version of EastCoast CAD/CAM software on all 18 computers in our lab. Some of you may remember this program as "QuickPen", and we used to teach it to our 5th year apprentices and

journeymen. EastCoast has revised the program and it now runs under Windows XP. It is one of the most powerful duct design drawing programs ever created for our industry and we were able to obtain the drawing package as well as the Maker burning software *free of charge* for all of our student and instructor PC's. Class size is limited so sign up ASAP. The class will be taught on alternate Saturdays by Dan Buckley.

“I know a man who gave up smoking, drinking, sex and rich food. He was healthy right up to the

“...dues should be paid each time the seasons change. Mail \$90.00 in June, September, December, and March.”

Lord-

When we are wrong, make us easy to change.

When we are right, make us easy to live with.

Amen

iTi Releases New Industry Calculator:

Some of you may be familiar with the “Construction Master” calculators that have been for sale for many years. These powerful machines had built-in functions for solving problems such as stair run/rise, rafter and joist layouts, etc. Well, our International Training Institute has developed a new model with a specially designed chip to allow common industry-related calculations such as duct offsets, CFM, and Fan Laws, to just name a few. Simply put, it is an extremely powerful computer that can be used by apprentices and journeymen alike. All new first year apprentices who are being taught the new CORE curriculum will be given one of these tools at the start of the school year. Any one else who wants one will have to purchase it through our JATC/iTi at a cost of

\$53.00. Contact the Coordinators office if you are interested. The calculator comes with an instruction book and a heavy duty rubber case for tool box carry.



Dues Reminder-

The Sheet Metal Workers’ Constitution states that dues are to be paid in advance. Please remember that third quarter dues are due by September 30, 2004.

Late payment of dues is one of the most common infractions incurred by apprentices. If your dues are not in the office by the first of the month of each new quarter, you lose your accidental death insurance coverage.

Dues payment by all members is what keeps our local union functioning. It is a habit that must be developed, just like making your car payment or

mortgage.

One simple way to remember when to get your dues in on time is to realize that dues should be paid each time the seasons change. Mail \$90.00 in June, September, December, and March. Mark your wall calendar at home or put a reminder in your checkbook.

If you look at dues on a weekly basis, it is only \$7.50 per week. Set that money aside each week in an envelope and when it comes time to pay, you will have your \$90.00 ready. Please form this important habit and keep your Local strong!

Quick Tip...from the desk of Bubba (Pat Cassidy)

A quick way to get a ballpark setting of amperage for welding any material in any process *under 1/8” thick*, is to take the decimal equivalent of the material and move the decimal point three places to the right. You are basically using 1 amp/ .001 of metal thickness. For example, to weld 1/8” aluminum, take the decimal equivalent of .080 and set your amperage at 80 amps. This will always get you very close to the proper setting. Some common decimal equivalents are listed at the right:

Aluminum-	Uncoated Steel-
10 gage=.080	.125
14 gage=.064	.074
16 gage=.059	.051
18 gage=.040	.048
20 gage=.032	.036
22 gage=.025	.029
24 gage=.020	.024

TAB Certification-

Last years journeyman TAB class was a terrific success story from beginning to end, and it is still continuing. Instructor Blair McDermott stated that it was one of his best groups ever. At the end of the year, many of the students decided to take the Internationals' TAB certification written exam and everyone passed the air certification. Even those that chose to take the water balancing test also passed that portion of the certification procedure. Those successful journeymen are-

1. David Hall
2. Gary Hall
3. Eric Milbert
4. David Obringer
5. Dan Zahren

6. Rich Eardley

In October, 2004, many of these members will travel to Local #19, Philadelphia for the hands-on certification that will complete their training.

Local #12 JATC congratulates everyone of these dedicated individuals for their hard work. We also thank Blair McDermott for his dedication and tireless efforts in helping our membership achieve their goals. WELL DONE BROTHERS!



*There are
no
impossible
dreams;
there is just
our limited
perception*

Focus on:

Blair McDermott-

Blair began his career as a sheet metal worker in 1970. He served a five year apprenticeship while working at Regency Sheet Metal and ran work for them since 1975. In 1984, Regency was bought out by Ruthrauff Inc. and Blair has been a field foreman for them ever since.

Blair began teaching for Local #12 JATC after achieving his TAB certification in 1998, as a TAB instructor for the fifth year apprentice class. When Local #12 went to full time day school in 2000, Blair never missed a beat and continued his excellent instruction with our current journeyman classes.

Blair is a dedicated individual who puts in many hours of unpaid work helping our journeymen and apprentices achieve their training ambitions. In addition to his efforts at the local level, Blair has completed all five years of training and education with the iTi and is currently enrolled in the National Labor College's Bachelors Degree Program. He will graduate with a B.A. in Labor Studies/ Labor Education in June 2005.

When asked what motivates him to give his time and talent, Blair simply states "the Union has given me everything, all I am trying to do is give a little back." We are very, very grateful.

Thanks Blair!



New TAB duct work and VAV control system.



Newly remolded TAB Lab with digital, variable
frequency fan controls

*It's your
training
center...put it
to good use!*

We're on the Web!!!
www.smlocal12.org

1200 Gulf Lab Rd.
Pittsburgh, PA 15238

Phone: 412-828-1386
Fax: 412-828-2124
Email: byester@smlocal12.org

"Excellence through Education."



Sheet Metal Workers Local Union #12 is now on the internet!

Stop by and let us know what you think. Your input would be appreciated as our web site grows.

Visit us at www.smlocal12.org.

Time Record Books >>>>

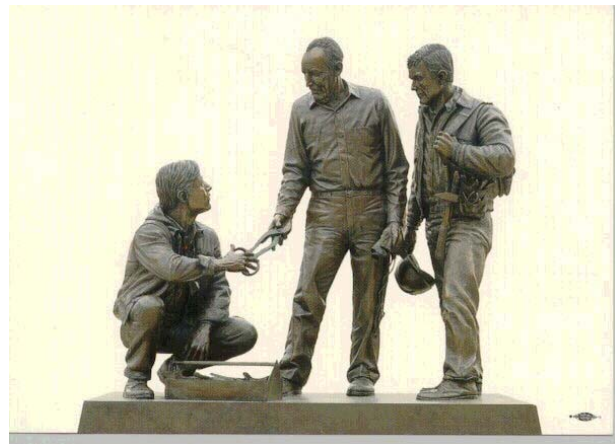
As agreed to in the apprentice rules and regulations, under "Policies and Procedures", section G-

"Work record books must be maintained and turned in **monthly**. Failure to do so can result in loss of scheduled pay increases."

Now that apprentices are in school every seven weeks, it should be a simple matter to bring your time books into the office and make copies to be placed in your file. It is a simple habit to form and will prevent your pay from being set back.

It's no fun getting an unexpected pay cut...just ask those apprentices who fall behind with their work records!

WORK RECORDS ARE VITAL TO DOCUMENT YOUR EDUCATION...TURN THEM IN ON TIME!!!



Knowledge is never lost if it is passed on.
