

Greater Michigan Mechanical Industry Alliance Report

Special Summer Edition 2007



2007 **United Association** **Instructor Training Program**

The 54th Annual United Association (UA) Instructor Training Program (ITP) is back at the campus of Washtenaw Community College, and the local area is proud to continue to have them.

As UA General President William P. Hite stated in the introduction to the program, "I am reminded of the strength and longevity of this extraordinary program. We have been preparing instructors to train new generations of United Association journeymen for more than five decades. This is a truly noble endeavor, and I am grateful to all who have made this program such a success."

"No one is more dedicated to training its membership more than the UA and our journeypersons truly are the best of the best."

Pictured right—UA General President William Hite—Below—UA Training Director Mike Arndt (in blue shirt) with UA 190 representatives



Along with the ITP, after a 30 year absence, the UA International Apprentices Contest is running simultaneously.

Pictured throughout this Special Edition of the Greater Michigan Mechanical Industry Alliance Report are UA Instructors and Teachers for the various classes, UA, WCC and MCA officials along with other individuals working to keep the UA's commitment of having the best training instructors in the construction industry.



Registration

Registration is always the busiest day during UA Week.

Everyone is hard at work getting their classes and books.

Also, a major activity is meeting up with old friends and introducing themselves to those who are destined to be new friends.



Instructor and Teacher Orientation

Orientation this year was held at the EMU Convocation Center on Sunday morning. **Mike Arndt (right)** UA Director of Training welcomed the participants and updated them on the activities for the upcoming week.



After his review Mike introduced **Dr. Larry Whitworth (left)**, President of Washtenaw Community College. President Whitworth welcomed the program back to Ann Arbor and WCC. The College and Community are excited and completely supportive of the program and look forward to continuing this excellent relationship between the UA and WCC for many years to come. **Dan Welch (below)** also from WCC reviewed the various programs that he was involved with and the various on line programs that are available to all UA members.



Mark Breslin (right) nationally known speaker, trainer and strategist was the Special Speaker for the Orientation. Mark gave a rousing talk on unionism and how to best market the UA member.



Mark's expertise includes Labor-Management Business Development; Rank and File Attitudes and Productivity; Apprenticeship Training Tools and Curriculum and Labor Management Change Strategies and Policies.

He spoke on our ability to leverage our apprenticeship training to help increase our market share and the responsibility of the UA Instructor, and member to provide the best possible product for the consumer possible.



Techniques in Interaction and Discussion and Developing Individualized Instruction

This course presented techniques for improving interaction and discussion in the classroom and developing individualized instruction.



Course topics included the place and role of discussion and interaction in the trade teaching process, principles of conducting classroom discussions, and keeping discussions on target. The use of questions as a teaching tool and the nature of conference and small group techniques in trade education were also addressed.



The course also included a workshop in the development of special individualized instruction procedures and aids. Topics included; problems inherent in "mixed" class settings, group organization, and teaching procedures for a mixed class setting.

Students were encouraged to bring materials from their own classes to use for reference during the week. An additional 20 hours of elective credit was required for this course.



Using UA Resources



This course provided students with the technology to teach with Blackboard, Microsoft Office and how to use everything available to them through UANET.



Pipefitting Layout Course

This class taught students a unique way to layout pipe and fittings without math or manuals. This was a hands-on class so students wore jeans because they were working on the floor. Also covered was the mitering of pipe and fittings, and the fabrication of specialty tools for the trade.



Problem Solving and Innovations in Trade Teaching



This course focused on solving training problems and implementing innovative solutions for the student's local school. Topics included: Problem Solving Techniques to Analyze Teaching Problems, Recognizing Student Learning Disabilities, The Nature of Performance Evaluation; and Implementing Innovation Solutions for the students local school. Students came prepared to share innovations and problems from their local school.

Planning and Presenting Skill Lessons & Related Information



This course focused on planning and presenting information lessons, planning and demonstrating skill lessons. The course built on courses 101 and 102. Students learned to use traditional and UA electronic resources for planning lessons, managing courses, and teaching. Students learned to choose methods, techniques and technologies appropriate to a particular class and situation. Working together, students will develop a lesson plan, deliver a brief lecture, and demonstrate a task. Stu-

dents were encouraged to bring their own course materials to work on during the week. An Additional 20 hours of elective credit is required with this course.



Fundamentals of Rigging



The basic fundamentals of rigging were presented in this course. Rigging safety in basic knots and their uses, wire rope and webb slings and their applications in the trades. Signaling methods and practical, safe

uses of "Rules of Thumb" in every day installations in the piping industry were also taught.



Surveys and Inspections for Cross-Connection Control



This course presented material including the background information needed for identifying cross-connections, understanding how backflows occur and the dangers they present, methods used to control backflows and recommended applications for each type of backflow assembly, interpreting plumbing codes and local ordinances, and inspecting a facility for cross-connections. Exercises included reviewing plans and an actual site survey inspection for cross-connection control. Students who met American Society of Sanitary Engineering (ASSE) Professional Qualifications Standard 5120 and successfully passed the certification examination at the conclusion of the course were certified as a Cross Connection Control Surveyor.

Industry Day



Candid pictures from the “Meet and Greet” before the Industry Day presentation—Left to Right

Ron House, Business Manager UA 190, William



***Hite, UA
General President, Michael Arndt, UA Director of***



Congratulations Wanda!



Wanda Jameson, after a lifetime of service to the United Association Training Department is retiring. She is being honored at the Graduation Ceremony for her amazing 45 years.

***Left—Wanda and H.
Allyn Parmenter—
Right—Diane Cal-
meyn, Ron House,***

***Wanda Jameson, H. Allyn Par-
menter***



What an amazing figure — Wanda has worked for UA for 45 years! She started in the Training Department in 1973. She had worked for all four of the UA'S Training Directors: Joseph Corcoran, from 1973 to 1975, H. Allyn Parmenter, from 1975 to December 1996, George Bliss III, from January 1997 to April 2005 and Mike Arndt, from April 2005 to the present.

Her daughter, Tracey O'Leary works for the UA Training Department and has been there for 5 years. Her son and grandson are also members of UA Local 602, Steamfitter/Pipefitter.



UA



In-



Around The Campus



Fundamentals of Variable Frequency Drives



This course provided the Local Union instructor with the necessary presentation materials and teaching techniques to introduce a VFD class in their curriculum. Students taking this course should have a good knowledge base of controls and AC induction motors, and be working in the HVAC service field.



Each participant received ample literature in PDF format, multiple power point presentations and a detailed course outline. Installation, setup/programming and troubleshooting techniques were covered along with associated hands-on.

UA Plumbing Service Class



This course was designed to assist students in setting up a Service Plumbing Curriculum in a UA training facility. Attendees had a diverse background in plumbing system installations.



The course covered the operational, installation and safety aspects including trouble shooting and repair of fixtures, flush valves sewer systems, faucets, appliances, and electronics in the plumbing industry.

Aspects of customer relations and marketing were also reviewed. Also addressed was the employer, employee relationships and standard company policies of the Plumbing Industry.



Omnibus Course

This five day class covered multiple topics. New technical information from representatives was presented each day.

Some products we are currently using now; however, students were also introduced to some pioneering materials for the piping industry future.

The technology along with its installation methods were explored and discussed.



Around The Campus



No, don't worry, you don't look the least bit



silly!!



People Who Make It Happen

Below are pictured some of the people who work for the UA and WCC to make UA week the great success that it is, year in and year out!



**Greater Michigan
Mechanical
Industry Alliance
Report**



Sandra L. Miller, President
Greater Michigan PMC
58 Parkland Plaza
Suite 600
Ann Arbor, MI 48103
734-665-4681
www.gretermichiganpmc.org



Ronald House, Business Manager
UA Local 190—Plumbers /
Pipefitters / Service
Technicians / Gas Distribution
7920 Jackson Road
Ann Arbor, MI 48103
734-424-0962
www.ua190.org

Special Summer Edition 2007

***Well Done
Have A Safe Trip Home***

What an exceptional week this has been. Not only the ITP, but also the Apprenticeship Contest. The community welcomes the program with open arms, and has been tremendously happy to have you here.

UA Local 190 and the Greater Michigan PMC are so proud to be a small part of the week. We know with the excellent curriculum of the UA Instructor Training Program that it has definitely been an educational one.

UA General President William Hite and UA Director of Training Mike Arndt are to be congratulated on this remarkable program. Also, great job to the UA Training Staff, and we congratulate all of them on the exceptional job they do on this program, and all year long assisting Local Training Programs.

Have a safe trip home and we hope to see you again next year!



**Ron House
Business Manager
UA Local Union No. 190**

**Sandra Miller, President
Greater Michigan PMC**

***Pictured left—UA 190
Training Committee
Instructors***

**Go to
www.gretermichiganpmc.org
UA - UA Training and view ten years of UA
Training Program pictures**