

Fay Butler Seminar

www.faybutler.com

“Metallurgy for the Non-Metallurgist”

Saturdays, March 6 & 13, 2010

Assabet Vocational School, Marlboro, MA

This is a comprehensive 2-day course for the hands-on craftsman, novice and professional alike. No previous knowledge or experience necessary. It will be taught in a way that the layman will be able to understand. Understanding metals from the atomic structure can be very beneficial to a craftsman in understanding how they move, why they strengthen, and how this can cause failure. Learning the language of metals can help in communicating with others in the field and getting into the books when problem solving. Problem solving requires the ability to retrace ones steps accurately, and an understanding of science is crucial. Fay has been teaching metals this way to non-metallurgists since 1989 and has been very successful. Hands on people with no college experience have found this very understandable and beneficial.

Day 1: Metallurgy, materials, numbering systems, how they move, strengthen and fail.

Demonstration of making a motorcycle fender by hand using a claw hammer and oxy-act torch. Turning a flange and installing a wire edge.

Day 2: The electric current and evolution of TIG power units and set ups. Understanding modern invertors and their parameters. Some hands on welding. Demonstration of making the same motorcycle fender with power equipment and using the TIG process. Turning a flange and installing a wire edge.

- Maximum class size 15 participants.
- March 6 & 13, 2010 – hours 9:00 am to 3:00 pm
- Book Package Included: Metallurgy by Moniz 4th edition, Miller Power Course and a dozen-page hand-out
- Pastries, Coffee & Lunch provided

Fee: \$599.00

Early Bird Special: Paid in full by January 15, 2010 - **\$499.00**

Student discounts available contact Fay at fay@faybutler.com for eligibility.

We anticipate the class filling quickly. Send checks ASAP to reserve your spot to:

AWS Boston Section
c/o Rick Moody
Artisan Industries Inc.
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Waltham, MA 02454-4594