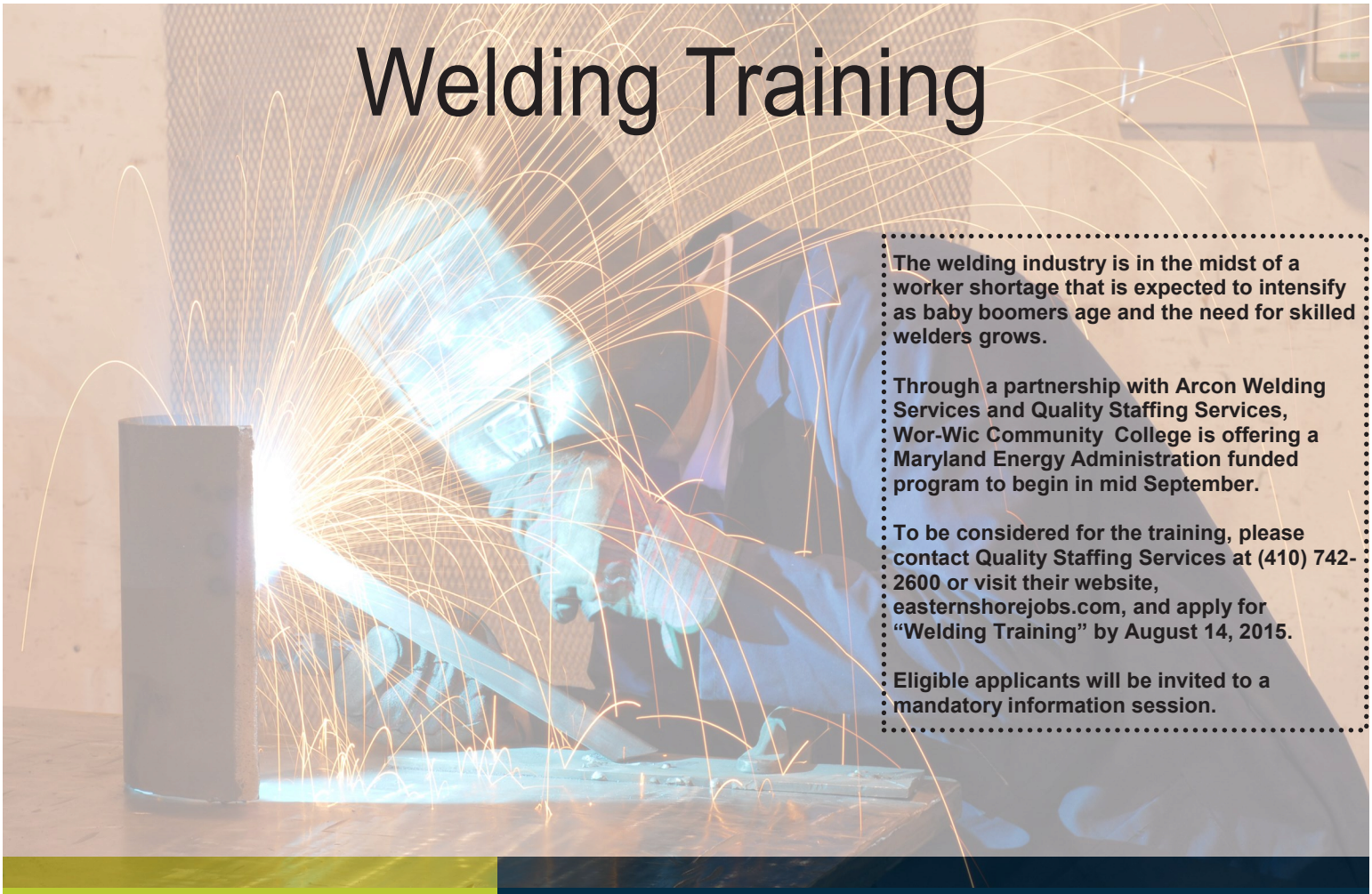
# Welding Training



**The welding industry is in the midst of a worker shortage that is expected to intensify as baby boomers age and the need for skilled welders grows.**

**Through a partnership with Arcon Welding Services and Quality Staffing Services, Wor-Wic Community College is offering a Maryland Energy Administration funded program to begin in mid September.**

**To be considered for the training, please contact Quality Staffing Services at (410) 742-2600 or visit their website, easternshorejobs.com, and apply for "Welding Training" by August 14, 2015.**

**Eligible applicants will be invited to a mandatory information session.**

## To Be Eligible For Consideration, Candidates Must:

- Be age 18 or older
- Have a High School Diploma or GED
- Be able to pass a pre-employment "5 panel" drug screen
- Display hand-arm steadiness
- Display strong near-vision to see details at close range
- Be able to recognize and solve problems
- Be able to adjust controls with precision
- Be able to lift at least 50 lbs. unassisted
- Maryland resident (Lower Shore preferred)
- Possess good depth perception and manual dexterity
- Be able to purchase and wear safety equipment (e.g. welding helmet, safety glasses, gloves, hearing protection)
- Be job ready
- Have reliable transportation
- Be able to support themselves for the duration of the training

Introduction to Arc Welding is a 350 hour course (full time for ten weeks), designed to provide the entry level welder with the skills necessary to secure employment in the welding industry. Students will progress from basic arc welding to the welder qualification test for structural welders. Includes basic safety for welders and an introduction to hand tools. Develop knowledge to work safely within industry standards and to recognize and avoid hazards.

Learn how to safely establish and utilize an oxy-fuel outfit for cutting of steel and the basics of the thermal cutting processes. Use power tools for preparation of base metals prior to welding, be able to use measuring devices and fit-up tools effectively.

Identify the AWS classification of electrodes and their application to the various welding procedures as well as the limitations of filler metals. Select the proper polarity and current requirements for various electrodes and identify the common welding processes used.

Recognize common weld discontinuities, defects and successfully inspect work to industry standards set forth in the "AWS D1.1 Structural welding code." Be aware of the requirements of a "Welder Procedure Specification". Required to pass a written evaluation as well as a destructive bend test prior to seeking employment.

A welder qualification record (WQR) will be issued to successful completers. Training includes both classroom and shop instruction with the division of time being 20% class instruction and 80% shop instruction.

WOR-WIC COMMUNITY COLLEGE

ARCON WELDING SERVICES