

## EQUIPMENT LIST

The following equipment is required for training. You may either purchase any or all of the equipment upon entering training, or you may bring it with you. Safety equipment is mandatory for all classes. Listed below are items required for individual courses and covers items that meet the needs of most students. Depending on usage, replacements may be required. Please note that there may be choices — green or gold lens, lift or fixed front helmet, etc. Should you have questions, please contact the Institute at 937-332-9500, ext. 9608.

**Prices are subject to change without notice. Larger sizes may be higher priced.**

<b>OAW101</b> <b>OXYACETYLENE WELDING,</b> <b>CUTTING &amp; BRAZING</b> <b>Total: \$82.00</b>	<b>SMA301, SMA401, SMA501,</b> <b>SMA502 &amp; SMA601</b> <b>SHIELDED METAL ARC</b> <b>WELDING 6" PIPE 2G AND</b> <b>5G UPHILL, , SHIELDED</b> <b>METAL ARC WELDING</b> <b>6" PIPE 6G UPHILL &amp;</b> <b>SHIELDED METAL ARC</b> <b>WELDING 2" PIPE 6G</b> <b>UPHILL, SHIELDED METAL</b> <b>ARC WELDING PIPE</b> <b>DOWNHILL, SHIELDED</b> <b>METAL ARC WELDING</b> <b>PIPE DOWNHILL BRANCH</b> <b>12-ON-12</b> <b>Total: \$163.75</b>	<b>GTA101, GTA201 &amp; GTA301</b> <b>GAS TUNGSTEN ARC</b> <b>WELDING BASIC, GAS</b> <b>TUNGSTEN ARC WELDING</b> <b>ADVANCED &amp; GAS</b> <b>TUNGSTEN ARC WELDING</b> <b>AEROSPACE</b> <b>Total: \$121.75</b>
FR Khaki Welding Jacket \$30.00 Welding Cap \$7.00 Safety Glasses \$3.00 Carbon Steel Wire Brush \$3.50 Slip Joint Pliers \$6.50 Soapstone and Holder \$1.50 Tip Cleaners \$2.50 Ear Plugs \$1.50 Flint Striker \$2.50 Replacement Flints \$1.00 Cutting Glasses Shade 5 \$11.00 Gloves, Mig/Oxy \$12.00	Face Shield \$3.00 Head Gear \$7.00 Welding Cap \$7.00 Safety Glasses \$3.00 Ear Plugs \$1.50 Carbon Steel Wire Brush \$3.50 Vise Grip Locking Pliers \$12.00 Half Round File w/Wooden Handle \$20.50 Chipping Hammer \$11.00 Leather Sleeve Welding Coat \$42.00 Helmet \$35.00 Filter Lens 4 1/2" X 5 1/4" \$5.00 Cover Lens 4 1/2" X 5 1/4" \$1.25 Gloves, Stick \$12.00	Safety Glasses \$3.00 Ear Plugs \$1.50 FR Sleeves \$10.00 Slip Joint Pliers \$6.50 Diagonal Cutting Pliers \$15.00 Black Welding Jacket \$25.00 Helmet \$35.00 Filter Lens 4 1/2" X 5 1/4" \$5.00 Cover Lens 4 1/2" X 5 1/4" \$1.25 Gloves, Tig \$12.00 Cotton Liners \$1.00 Small Stainless Steel Wire Brush (2) \$4.00 Flint Striker \$2.50
<b>SMA101 &amp; SMA201</b> <b>SHIELDED METAL ARC</b> <b>WELDING BASIC &amp;</b> <b>SHIELDED METAL ARC</b> <b>WELDING ADVANCED</b> <b>Total: \$141.25</b>		<b>GTA202 &amp; GTA302</b> <b>GAS TUNGSTEN ARC</b> <b>WELDING 2" PIPE &amp; GAS</b> <b>TUNGSTEN ARC WELDING</b> <b>STAINLESS STEEL PIPE</b> <b>Total: \$175.75</b>
Welding Cap \$7.00 Safety Glasses \$3.00 Carbon Steel Wire Brush \$3.50 Vise Grip Locking Pliers \$12.00 Chipping Hammer \$11.00 Ear Plugs \$1.50 Leather Sleeve Welding Coat \$42.00 Helmet \$35.00 Filter Lens 4 1/2" X 5 1/4" \$5.00 Cover Lens 4 1/2" X 5 1/4" \$1.25 Ear Muffs \$8.00 Gloves, Stick \$12.00		Safety Glasses \$3.00 Ear Plugs \$1.50 FR Sleeves \$10.00 Slip Joint Pliers \$6.50 Diagonal Cutting Pliers \$15.00 Small Stainless Steel Wire Brush \$2.00 Leather Sleeve Welding Coat \$42.00 Helmet \$35.00 Filter Lens 4 1/2" X 5 1/4" \$5.00 Cover Lens 4 1/2" x 5 1/4" \$1.25 Gloves, Tig \$12.00 Cotton Liners \$1.00 Half Round File 10" \$15.00 Flint Striker \$2.50 Tig Finger \$14.00 Face Shield \$3.00 Head Gear \$7.00

<b>GTA203</b> <b>GAS TUNGSTEN ARC WELDING/SHIELDED METAL ARC WELDING 6" PIPE</b> <b>Total: \$220.25</b>	<b>GMA201</b> <b>GAS METAL ARC WELDING ADVANCED</b> <b>Total: \$153.75</b>	<b>PLF101 &amp; PLF201</b> <b>PIPE LAYOUT FOR PIPEFITTERS &amp; WELDERS BASIC, PIPE LAYOUT FOR PIPETFITTERS &amp; WELDERS ADVANCED</b> <b>Total: \$175.75</b>
Welding Cap \$7.00 Safety Glasses \$3.00 Ear Plugs \$1.50 Carbon Steel Wire Brush \$3.50 Vise Grip Locking Pliers \$12.00 Half Round File w/Wooden Handle \$20.50 Diagonal Cutting Pliers \$15.00 Leather Sleeves Welding Coat \$42.00 Helmet \$35.00 Filter Lens 4 1/2" X 5 1/4" \$5.00 Cover Lens 4 1/2" X 5 1/4" \$1.25 Face Shield \$3.00 Head Gear \$7.00 Gloves, Stick \$12.00 Gloves, Tig \$12.00 Knee Pads \$27.00 Chipping Hammer \$11.00 Flint Striker \$2.50	Welding Cap \$7.00 Safety Glasses \$3.00 Ear Plugs \$1.50 Carbon Steel Wire Brush \$3.50 Vise Grip Locking Pliers \$12.00 Welpers (Mig Pliers) \$17.00 Leather Sleeve Welding Coat \$42.00 Helmet \$35.00 Filter Lens 4 1/2" X 5 1/4" \$5.00 Cover Lens 4 1/2" X 5 1/4" \$1.25 Gloves, Mighty Mig \$17.00 Stainless Steel Wire Brush \$3.50 Heat Shield \$6.00	Face Shield \$3.00 Head Gear \$7.00 Welding Cap \$7.00 Safety Glasses \$3.00 Ear Plugs \$1.50 Carbon Steel Wire Brush \$3.50 Slip Joint Pliers \$6.50 Half Round File w/Wooden Handle \$20.50 Soap Stone & Holder \$1.50 FR Khaki Welding Jacket \$30.00 Helmet \$35.00 Filter Lens 4 1/2" X 5 1/4" \$5.00 Cover Lens 4 1/2" X 5 1/4" \$1.25 Cutting Glasses Shade 5 \$11.00 Gloves, Stick \$12.00 Gloves, Mig/Oxy \$12.00 Chipping Hammer \$11.00 Tip Cleaners \$2.50 Flint Striker \$2.50
<b>GMA101</b> <b>GAS METAL ARC WELDING BASIC</b> <b>Total: \$146.75</b>	<b>GMA202</b> <b>GAS METAL ARC WELDING PIPE</b> <b>Total: \$154.25</b>	
Welding Cap \$7.00 Safety Glasses \$3.00 Ear Plugs \$1.50 Carbon Steel Wire Brush \$3.50 Vise Grip Locking Pliers \$12.00 Welpers (Mig Pliers) \$17.00 Leather Sleeve Welding Coat \$42.00 Helmet \$35.00 Filter Lens 4 1/2" X 5 1/4" \$5.00 Cover Lens 4 1/2" X 5 1/4" \$1.25 Gloves, Mighty Mig \$17.00 Flint Striker \$2.50	Face Shield \$3.00 Head Gear \$7.00 Welding Cap \$7.00 Safety Glasses \$3.00 Ear Plugs \$1.50 Carbon Steel Wire Brush \$3.50 Vise Grip Locking Pliers \$12.00 Welpers ( Mig Pliers) \$17.00 Leather Sleeve Welding Coat \$42.00 Helmet \$35.00 Filter Lens 4 1/2" X 5 1/4" \$5.00 Cover Lens 4 1/2" X 5 1/4" \$1.25 Gloves, Mighty Mig \$17.00	
	<b>FCA101</b> <b>FLUX CORED ARC WELDING</b> <b>Total: \$155.25</b>	
	Welding Cap \$7.00 Safety Glasses \$3.00 Ear Plugs \$1.50 Carbon Steel Wire Brush \$3.50 Vise Grip Locking Pliers \$12.00 Welpers (Mig Pliers) \$17.00 Leather Sleeve Welding Coat \$42.00 Helmet \$35.00 Filter Lens 4 1/2" X 5 1/4" \$5.00 Cover Lens 4 1/2" X 5 1/4" \$1.25 Gloves, Mig \$17.00 Chipping Hammer \$11.00	