

## 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 the first day. 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>WTB027</b>  <b>WELDING TECHNOLOGY &amp; BLUEPRINT READING</b> <b>Total: \$169.75</b>  Welding Cap \$6.00 Safety Glasses \$3.00 Carbon Steel Wire Brush \$3.50 Slip Joint Pliers \$6.50 Ear Plugs \$1.50 Half Round File w/Wooden Handle \$20.50 Leather Sleeve Welding Coat \$35.00 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 Welding & Cutting Goggles \$11.00 Gloves, Stick Welding \$12.00 Gloves, Mig/OXY \$12.00 Chipping Hammer \$11.00 Tip Cleaners \$2.50 Flint Striker \$2.50 Soap Stone & Holder \$1.50	<b>SMA002 &amp; SMA003</b> <b>SHIELDED METAL ARC WELDING BASIC &amp; SHIELDED METAL ARC WELDING STRUCTURAL ADVANCED</b> <b>Total: \$177.75</b>  Welding Cap \$6.00 Safety Glasses \$3.00 Carbon Steel Wire Brush \$3.50 Slip Joint Pliers \$6.50 Ear Plugs \$1.50 Leather Sleeve Welding Coat \$35.00 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 Leather Cape & Bib \$50.00 Gloves, Stick Welding \$12.00 Chipping Hammer \$11.00	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 Welding \$12.00 Chipping Hammer \$11.00
<b>OAW001</b> <b>OXYACETYLENE WELDING, CUTTING &amp; BRAZING</b> <b>Total: \$99.50</b>  Leather Sleeve Welding Coat \$35.00 Welding Cap \$6.00 Safety Glasses \$3.00 Carbon Steel Wire Brush \$3.50 Slip Joint Pliers \$6.50 Diagonal Cutter Pliers \$15.00 Ear Plugs \$1.50 Flint Stiker \$2.50 Replacement Flints \$1.00 Welding & Cutting Goggles \$11.00 Gloves, Mig/Oxy \$12.00 Tip Cleaners \$2.50	<b>SMA006, SMA007, SMA106 &amp; SMA107</b> <b>SHIELDED METAL ARC WELDING 6" PIPE 2G AND 5G UPHILL, SHIELDED METAL ARC WELDING PIPE DOWNHILL, SHIELDED METAL ARC WELDING 6" PIPE 6G UPHILL &amp; SHIELDED METAL ARC WELDING 2" PIPE 6G UPHILL</b> <b>Total: \$208.25</b>  Face Shield \$3.00 Head Gear \$7.00 Welding Cap \$6.00 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 Leather Sleeve Welding Coat \$35.00 Leather Cape & Bib \$50.00 Helmet \$35.00	<b>GTA008, GTA109 &amp; GTA110</b> <b>GAS TUNGSTEN ARC WELDING BASIC, GAS TUNGSTEN ARC WELDING STAINLESS &amp; TITANIUM &amp; GAS TUNGSTEN ARC WELDING AEROSPACE</b> <b>Total: \$120.75</b>  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 TIG Gloves \$12.00 Cotton Liners \$1.00 Small Stainless Steel Wire Brush \$2.00 Carbon Steel Wire Brush \$3.50
		<b>GTA108, GTA111</b> <b>GAS TUNGSTEN ARC WELDING 2" PIPE, GAS TUNGSTEN ARC WELDING STAINLESS STEEL PIPE</b> <b>Total: \$128.75</b>  Safety Glasses \$3.00 Ear Plugs \$1.50 FR Sleeves \$10.00 Slip Joint Pliers \$6.50 Diagonal Cutting Pliers \$15.00 Leather Sleeve Welding Coat \$35.00 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 Carbon Steel Wire Brush \$3.50

<p><b>GTA009</b>  <b>GAS TUNGSTEN ARC WELDING/SHIELDED METAL ARC WELDING 6" PIPE</b></p> <p style="text-align: right;"><b>Total: \$202.25</b></p> <p>Welding Cap \$6.00            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            Leather Sleeves Welding Coat \$35.00            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 Welding \$12.00            Gloves, TIG \$12.00            Knee Pads \$27.00            Chipping Hammer \$11.00            Diagonal Cutting Pliers \$15.00</p>	<p>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, MIG \$14.00            Welpers ( Mig Pliers) \$17.00</p> <hr/> <p><b>GMA016</b>  <b>GAS METAL ARC WELDING ADVANCED</b></p> <p style="text-align: right;"><b>Total: \$196.25</b></p> <p>Welding Cap \$6.00            Safety Glasses \$3.00            Ear Plugs \$1.50            Carbon Steel Wire Brush \$3.50            Slip Joint Pliers \$6.50            Leather Sleeve Welding Coat \$35.00            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            Leather Cape &amp; Bib \$50.00            Gloves, MIG \$14.00            Stainless Steel Wire Brush \$3.50            Diagonal Cutting Pliers \$15.00            Welpers (MIG Pliers) \$17.00</p>	<p>Slip Joint Pliers \$6.50            Half Round File w/Wooden Handle \$20.50            Leather Sleeve Welding Coat \$35.00            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            Welding &amp; Cutting Goggles \$11.00            Gloves, Stick Welding \$12.00            Gloves, Mig/Oxy \$12.00            Chipping Hammer \$11.00            Tip Cleaners \$2.50            Flint Striker \$2.50            Soap Stone &amp; Holder \$1.50</p>
<p><b>GMA011</b>  <b>GAS METAL ARC WELDING BASIC</b></p> <p style="text-align: right;"><b>Total: \$156.25</b></p> <p>Welding Cap \$6.00            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            Leather Sleeve Welding Coat \$35.00            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, MIG \$12.00            Welpers ( Mig Pliers) \$17.00</p>	<p><b>FCA015</b>  <b>FLUX CORED ARC WELDING</b></p> <p style="text-align: right;"><b>Total: \$196.75</b></p> <p>Welding Cap \$6.00            Safety Glasses \$3.00            Ear Plugs \$1.50            Carbon Steel Wire Brush \$3.50            Slip Joint Pliers \$6.50            Leather Sleeve Welding Coat \$35.00            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            Leather Cape &amp; Bib \$50.00            Gloves, MIG \$14.00            Chipping Hammer \$11.00            Welpers (Mig Pliers) \$17.00</p>	
<p><b>GMA013</b>  <b>GAS METAL ARC WELDING PIPE</b></p> <p style="text-align: right;"><b>Total: \$166.25</b></p> <p>Face Shield \$3.00            Head Gear \$7.00            Welding Cap \$6.00            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            Leather Sleeve Welding Coat \$35.00</p>	<p><b>PLF026</b>  <b>PIPE LAYOUT FOR PIPEFITTERS &amp; WELDERS</b></p> <p style="text-align: right;"><b>Total: \$179.75</b></p> <p>Face Shield \$3.00            Head Gear \$7.00            Welding Cap \$6.00            Safety Glasses \$3.00            Ear Plugs \$1.50            Carbon Steel Wire Brush \$3.50</p>	