

## 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.**

<p><b>OAW101</b> <b>OXYACETYLENE WELDING, CUTTING &amp; BRAZING</b> <b>Total: \$82.00</b></p> <p>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</p> <hr/> <p><b>SMA101 &amp; SMA201</b> <b>SHIELDED METAL ARC WELDING BASIC &amp; SHIELDED METAL ARC WELDING ADVANCED</b> <b>Total: \$141.25</b></p> <p>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</p> <hr/>	<p><b>SMA301, SMA401, SMA501, SMA502 &amp; SMA601</b> <b>SHIELDED METAL ARC WELDING 6" PIPE 2G AND 5G UPHILL, , SHIELDED METAL ARC WELDING 6" PIPE 6G UPHILL &amp; SHIELDED METAL ARC WELDING 2" PIPE 6G UPHILL, SHIELDED METAL ARC WELDING PIPE DOWNHILL, SHIELDED METAL ARC WELDING PIPE DOWNHILL BRANCH 12-ON-12</b> <b>Total: \$163.75</b></p> <p>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</p> <hr/>	<p><b>GTA101, GTA201 &amp; GTA301</b> <b>GAS TUNGSTEN ARC WELDING BASIC, GAS TUNGSTEN ARC WELDING ADVANCED &amp; GAS TUNGSTEN ARC WELDING AEROSPACE</b> <b>Total: \$122.75</b></p> <p>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 \$13.00 Cotton Liners \$1.00 Small Stainless Steel Wire Brush (2) \$4.00 Flint Striker \$2.50</p> <hr/> <p><b>GTA202 &amp; GTA302</b> <b>GAS TUNGSTEN ARC WELDING 2" PIPE &amp; GAS TUNGSTEN ARC WELDING STAINLESS STEEL PIPE</b> <b>Total: \$176.75</b></p> <p>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 \$13.00 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</p>
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**GTA203**  
**GAS TUNGSTEN ARC**  
**WELDING/SHIELDED**  
**METAL ARC WELDING**  
**6" PIPE**

**Total: \$221.25**

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	\$13.00
Knee Pads	\$27.00
Chipping Hammer	\$11.00
Flint Striker	\$2.50

**GMA101**  
**GAS METAL ARC WELDING**  
**BASIC**

**Total: \$146.75**

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

**GMA201**  
**GAS METAL ARC WELDING**  
**ADVANCED**

**Total: \$153.75**

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

**GMA202**  
**GAS METAL ARC WELDING**  
**PIPE**

**Total: \$154.25**

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

**FCA101**  
**FLUX CORED ARC**  
**WELDING**

**Total: \$155.25**

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

**PLF101 & PLF201**  
**PIPE LAYOUT FOR**  
**PIPEFITTERS &**  
**WELDERS I, PIPE LAYOUT**  
**FOR PIPETFITTERS &**  
**WELDERS II**

**Total: \$175.75**

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