

EQUIPMENT LIST

The following equipment is required for training. Students may either purchase any or all of the equipment upon entering training or bring their own equipment. 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. For any questions, please contact the Institute at 937-332-9500, ext. 9608.

Prices are subject to change without notice.

<p>OAW101 OXYACETYLENE WELDING, CUTTING & BRAZING Total: \$93.00</p> <p>FR Khaki Welding Jacket \$34.00 Welding Cap \$8.00 Safety Glasses \$4.00 Carbon Steel Wire Brush \$3.50 Slip Joint Pliers \$6.50 Soapstone and Holder \$1.50 Tip Cleaners \$2.50 Ear Plugs \$2.00 Flint Striker \$3.00 Cutting Glasses Shade 5 \$12.00 Gloves (Orange/White) \$16.00</p>	<p>SMA301, SMA401, SMA402, SMA403 & SMA502 SHIELDED METAL ARC WELDING 6" PIPE 2G AND 5G UPHILL, , SHIELDED METAL ARC WELDING 6" PIPE 6G UPHILL & SHIELDED METAL ARC WELDING 2" PIPE 6G UPHILL, SHIELDED METAL ARC WELDING 6" PIPE DOWNHILL, SHIELDED METAL ARC WELDING PIPE DOWNHILL BRANCH 12-ON-12 Total: \$225.50</p> <p>Face Shield \$3.00 Head Gear \$9.00 Welding Cap \$8.00 Safety Glasses \$4.00 Ear Plugs \$2.00 Carbon Steel Wire Brush \$3.50 Vise Grip Locking Pliers \$15.00 Half Round File w/Wooden Handle \$26.00 Chipping Hammer \$15.00 Black Welding Coat \$30.00 Helmet \$42.00 Filter Lens 4 1/2" X 5 1/4" \$6.00 Cover Lens 4 1/2" X 5 1/4" \$2.00 Knee Pads \$33.00 1/8" Grinding Wheel \$4.00 3/32" Grinding Wheel \$4.00 Gloves (Black/Yellow) \$19.00</p>	<p>GTA102, GTA204. GTA205 & GTA301 GAS TUNGSTEN ARC WELDING CARBON STEEL, GAS TUNGSTEN ARC WELDING STAINLESS STEEL, GAS TUNGSTEN ARC WELDING ALUMINUM & GAS TUNGSTEN ARC WELDING AEROSPACE Total: \$157.50</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 \$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 Gloves (Orange/White) \$15.00 Cotton Liners \$1.00 Small Stainless Steel Wire Brush (2) \$4.00 Flint Striker \$2.50 Tig Finger \$14.00</p>
<p>SMA101 & SMA201 SHIELDED METAL ARC WELDING BASIC & SHIELDED METAL ARC WELDING ADVANCED Total: \$166.50</p> <p>Face Shield \$3.00 Head Gear \$9.00 Welding Cap \$8.00 Safety Glasses \$4.00 Carbon Steel Wire Brush \$3.50 Vise Grip Locking Pliers \$15.00 Chipping Hammer \$15.00 Ear Plugs \$2.00 Black Welding Jackert \$30.00 Helmet \$42.00 Filter Lens 4 1/ 2" X 5 1/4" \$6.00 Cover Lens 4 1/2" X 5 1/4" \$2.00 1/8" Grinding Wheel \$4.00 3/32" Grinding Wheel \$4.00 Gloves (Black/Yellow) \$19.00</p>	<p>GTA202 & GTA302 GAS TUNGSTEN ARC WELDING 2" PIPE & GAS TUNGSTEN ARC WELDING STAINLESS STEEL 2" PIPE Total: \$192.50</p> <p>Face Shield \$3.00 Head Gear \$9.00 Safety Glasses \$4.00 Ear Plugs \$2.00 FR Sleeves \$12.00 Slip Joint Pliers \$6.50 Diagonal Cutting Pliers \$15.00 Small Stainless Steel Wire Brush \$2.00 Black Welding Coat \$30.00 Helmet \$42.00 Filter Lens 4 1/2" X 5 1/4" \$6.00 Cover Lens 4 1/2" x 5 1/4" \$2.00 Gloves (Orange/White) \$16.00 Cotton Liners \$1.00 Half Round File 10" \$17.00 Flint Striker \$3.00</p>	

Tig Finger	\$14.00	GMA201 & GMA301 GAS METAL ARC WELDING ADVANCED, GAS METAL ARC WELDING INDUSTRIAL	FCA101 & FCA201 FLUX CORED ARC WELDING, FLUX CORED ARC WELDING ADVANCED
1/8" Grinding Wheel	\$4.00		
3/32" Grinding Wheel	\$4.00		
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GTA203 GAS TUNGSTEN ARC WELDING/SHIELDED METAL ARC WELDING PIPE 6G UPHILL			
Total: \$261.50			
Face Shield	\$3.00	Face Shield	\$3.00
Head Gear	\$9.00	Head Gear	\$9.00
Welding Cap	\$8.00	Welding Cap	\$8.00
Safety Glasses	\$4.00	Safety Glasses	\$4.00
Ear Plugs	\$2.00	Ear Plugs	\$2.00
Carbon Steel Wire Brush	\$3.50	Carbon Steel Wire Brush	\$3.50
Vise Grip Locking Pliers	\$15.00	Vise Grip Locking Pliers	\$15.00
Half Round File w/Wooden Handle	\$26.00	Welpers (Mig Pliers)	\$18.00
Diagonal Cutting Pliers	\$15.00	Black Welding Coat	\$30.00
Black Welding Coat	\$30.00	Helmet	\$42.00
Helmet	\$42.00	Filter Lens 4 1/2" X 5 1/4"	\$6.00
Filter Lens 4 1/2" X 5 1/4"	\$6.00	Cover Lens 4 1/2" X 5 1/4"	\$2.00
Cover Lens 4 1/2" X 5 1/4"	\$2.00	Gloves (Orange/White)	\$16.00
Gloves (Black/Yellow)	\$19.00	Small Stainless Steel Wire Brush	\$2.00
Gloves (Orange/White)	\$16.00	Heat Shield	\$10.00
Knee Pads	\$33.00	<hr/>	
Chipping Hammer	\$15.00	GMA202 GAS METAL ARC WELDING 6" PIPE	
Flint Striker	\$3.00	Total: \$170.25	
Small Stainless Steel Wire Brush	\$2.00	Face Shield	\$3.00
1/8" Grinding Wheel	\$4.00	Head Gear	\$9.00
3/32" Grinding Wheel	\$4.00	Welding Cap	\$8.00
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GMA101 GAS METAL ARC WELDING BASIC		Ear Plugs	\$2.00
Total: \$169.50		Carbon Steel Wire Brush	\$3.50
Face Shield	\$3.00	Vise Grip Locking Pliers	\$15.00
Head Gear	\$9.00	Welpers (Mig Pliers)	\$18.00
Welding Cap	\$8.00	Black Welding Coat	\$30.00
Safety Glasses	\$4.00	Helmet	\$42.00
Ear Plugs	\$2.00	Filter Lens 4 1/2" X 5 1/4"	\$6.00
Carbon Steel Wire Brush	\$3.50	Cover Lens 4 1/2" X 5 1/4"	\$2.00
Vise Grip Locking Pliers	\$15.00	Gloves (Orange/White)	\$16.00
Welpers (Mig Pliers)	\$18.00	Knee Pads	\$33.00
Black Welding Coat	\$30.00	<hr/>	
Helmet	\$42.00	PLF101 & PLF201 PIPE LAYOUT FOR PIPEFITTERS & WELDERS I, PIPE LAYOUT FOR PIPEFITTERS & WELDERS II	
Filter Lens 4 1/2" X 5 1/4"	\$6.00	Total: \$230.00	
Cover Lens 4 1/2" X 5 1/4"	\$2.00	Face Shield	\$3.00
Gloves (Orange/White)	\$16.00	Head Gear	\$9.00
Flint Striker	\$3.00	Welding Cap	\$8.00
1/8" Grinding Wheel	\$4.00	Safety Glasses	\$4.00
3/32" Grinding Wheel	\$4.00	Ear Plugs	\$2.00
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		Slip Joint Pliers	\$6.50
		Half Round File w/Wooden Handle	\$26.00
		Soap Stone & Holder	\$1.50
		FR Khaki Welding Jacket	\$34.00
		Helmet	\$34.00
		Filter Lens 4 1/2" X 5 1/4"	\$6.00
		Cover Lens 4 1/2" X 5 1/4"	\$2.00
		Cutting Glasses Shade 5	\$12.00
		Gloves (Black/Yellow)	\$19.00
		Gloves (Orange/White)	\$16.00
		Chipping Hammer	\$15.00
		Tip Cleaners	\$2.50
		Flint Striker	\$3.00
		1/8" Grinding Wheel	\$4.00
		3/32" Grinding Wheel	\$4.00
		T-Flap Grinding Wheel	\$7.00
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