

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.

OAW101	Welding Cap	\$11.00	T-Flap Grinding Wheel	\$8.00
OXYACETYLENE WELDING, CUTTING & BRAZING	Safety Glasses	\$4.00	Extension Cord	\$17.00
Total: \$101.00	Ear Plugs	\$2.50		
FR Khaki Welding Jacket	Carbon Steel Wire Brush	\$4.00		
Welding Cap	Vise Grip Locking Pliers	\$15.00		
Safety Glasses	14" Half Round File	\$15.00		
Carbon Steel Wire Brush	Chipping Hammer	\$17.00		
Slip Joint Pliers	Black Welding Coat	\$32.00		
Soapstone and Holder	Helmet	\$51.00		
Tip Cleaners	Filter Lens 4 1/2" X 5 1/4"	\$8.00		
Ear Plugs	Cover Lens 4 1/2" X 5 1/4"	\$3.00		
Flint Striker	Knee Pads	\$33.00		
Cutting Glasses Shade 5	1/8" Grinding Wheel	\$4.00		
Gloves (Orange/White)	3/32" Grinding Wheel	\$2.00		
	Gloves (Black/Yellow)	\$20.00		
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: \$275.00			
SMA101 & SMA201	Safety Glasses	\$4.00		
SHIELDED METAL ARC WELDING BASIC & SHIELDED METAL ARC WELDING ADVANCED	Ear Plugs	\$2.50		
Total: \$185.50	FR Sleeves	\$15.00		
Face Shield	Slip Joint Pliers	\$6.50		
Head Gear	Diagonal Cutting Pliers	\$15.00		
Welding Cap	Black Welding Jacket	\$32.00		
Safety Glasses	Helmet	\$51.00		
Carbon Steel Wire Brush	Filter Lens 4 1/2" X 5 1/4"	\$8.00		
Vise Grip Locking Pliers	Cover Lens 4 1/2" X 5 1/4"	\$3.00		
Chipping Hammer	Gloves (Orange/White)	\$17.00		
Ear Plugs	Cotton Liners	\$1.00		
Black Welding Jackert	Small Stainless Steel Wire Brush (2)	\$6.00		
Helmet	Tig Finger	\$14.00		
Filter Lens 4 1/2" X 5 1/4"	Zirconiated .3% Tungsten(3pk)	\$12.00		
Cover Lens 4 1/2" X 5 1/4"	Thoriated 2% Tungsten (10pk)	\$40.00		
1/8" Grinding Wheel	WC Back Cap	\$5.00		
3/32" Grinding Wheel	WC Collets 3/32" (2)	\$4.00		
Gloves (Black/Yellow)	WC Gas Lens 3/32" (2)	\$8.00		
SMA302, SMA402	WC Collet Body 3/32"	\$4.00		
SHIELDED METAL ARC WELDING 6" PIPE 2G/5G/6G UPHILL, & SHIELDED METAL ARC WELDING 2" PIPE 6G UPHILL,	WC No. 8 Nozzle (2)	\$6.00		
Total: \$233.50	WC Lg. Gas Lens Collet	\$4.00		
Face Shield	WC Lg. Insulator Gas Len	\$18.00		
Head Gear	WC Small Cap Gasket	\$4.00		
	WC No. 12 Gas Lens Nozzle (2)	\$10.00		
GTA202 & GTA302				
	GAS TUNGSTEN ARC WELDING 2" PIPE & GAS TUNGSTEN ARC WELDING STAINLESS STEEL 2" PIPE			
	Total: \$311.00			
Face Shield	Face Shield	\$3.00		
Head Gear	Head Gear	\$9.00		

Safety Glasses	\$4.00	Welding Cap	\$11.00	FR Khaki Welding Jacket	\$35.00
Ear Plugs	\$2.50	Safety Glasses	\$4.00	Helmet	\$51.00
FR Sleeves	\$15.00	Ear Plugs	\$2.50	Filter Lens 4 1/2" X 5 1/4"	\$8.00
Slip Joint Pliers	\$6.50	Carbon Steel Wire Brush	\$4.00	Cover Lens 4 1/2" X 5 1/4"	\$3.00
Diagonal Cutting Pliers	\$15.00	Vise Grip Locking Pliers	\$15.00	Cutting Glasses Shade 5	\$13.00
Small Stainless Steel Wire Brush	\$3.00	Welders (Mig Pliers)	\$19.00	Gloves (Black/Yellow)	\$20.00
Black Welding Coat	\$32.00	Black Welding Coat	\$32.00	Gloves (Orange/White)	\$17.00
Helmet	\$51.00	Helmet	\$51.00	Chipping Hammer	\$17.00
Filter Lens 4 1/2" X 5 1/4"	\$8.00	Filter Lens 4 1/2" X 5 1/4"	\$8.00	Tip Cleaners	\$3.00
Cover Lens 4 1/2" x 5 1/4"	\$3.00	Cover Lens 4 1/2" X 5 1/4"	\$3.00	Flint Striker	\$3.00
Gloves (Orange/White)	\$17.00	Gloves (Orange/White)	\$17.00	1/8" Grinding Wheel	\$4.00
Cotton Liners	\$1.00	Small Stainless Steel Wire Brush	\$3.00	3/32" Grinding Wheel	\$2.00
14" Half Round File	\$15.00	Heat Shield	\$10.00	T-Flap Grinding Wheel	\$8.00
Flint Striker	\$3.00	Flint Striker	\$3.00	Tape Measure	\$31.00
Tig Finger	\$14.00			Wrap-A-Around	\$19.00
1/8" Grinding Wheel	\$4.00			Torpedo Lever	\$13.00
3/32" Grinding Wheel	\$2.00			Combination Square	\$13.00
Thoriated 2% Tungsten (10pk)	\$40.00			Steel Square	\$9.00
AC No. 12 Gas Lens Nozzle (2)	\$10.00			Grinder	\$97.00
AC Collets 3/32" (2)	\$6.00			Extension Cord	\$17.00
AC collet Body 3/32" (2)	\$4.00			AC Collets 3/32" (2)	\$6.00
AC No. 8 Nozzle (2)	\$6.00			AC collet Body 3/32" (2)	\$4.00
AC Heat Shield Insulator	\$4.00			AC No. 8 Nozzle (2)	\$6.00
AC Back Caps	\$4.00			AC Heat Shield Insulator	\$4.00
AC Gas Lens 3/32"	\$20.00			AC Back Caps	\$4.00
AC Gas Lens Insulator	\$9.00				
GMA101					
GAS METAL ARC WELDING					
BASIC					
Total: \$187.50			Total: \$214.50		
Face Shield	\$3.00	Face Shield	\$3.00		
Head Gear	\$9.00	Head Gear	\$9.00		
Welding Cap	\$11.00	Welding Cap	\$11.00		
Safety Glasses	\$4.00	Safety Glasses	\$4.00		
Ear Plugs	\$2.50	Ear Plugs	\$2.50		
Carbon Steel Wire Brush	\$4.00	Carbon Steel Wire Brush	\$4.00		
Vise Grip Locking Pliers	\$15.00	Vise Grip Locking Pliers	\$15.00		
Welders (Mig Pliers)	\$19.00	Welders (Mig Pliers)	\$19.00		
Black Welding Coat	\$32.00	Black Welding Coat	\$32.00		
Helmet	\$51.00	Helmet	\$51.00		
Filter Lens 4 1/2" X 5 1/4"	\$8.00	Filter Lens 4 1/2" X 5 1/4"	\$8.00		
Cover Lens 4 1/2" X 5 1/4"	\$3.00	Cover Lens 4 1/2" X 5 1/4"	\$3.00		
Gloves (Orange/White)	\$17.00	Gloves (Orange/White)	\$17.00		
Flint Striker	\$3.00	Heat Shield	\$10.00		
1/8" Grinding Wheel	\$4.00	Chipping Hammer	\$17.00		
3/32" Grinding Wheel	\$2.00	1/8" Grinding Wheel	\$4.00		
		3/32" Grinding Wheel	\$2.00		
		Flint Striker	\$3.00		
PLF101 & PLF201					
PIPE LAYOUT FOR					
PIPEFITTERS &					
WELDERS I, PIPE LAYOUT					
FOR PIPETFITTERS &					
WELDERS II					
Total: \$414.00			Total: \$420.50		
Face Shield	\$3.00	Face Shield	\$3.00		
Head Gear	\$9.00	Head Gear	\$9.00		
Welding Cap	\$11.00	Welding Cap	\$11.00		
Safety Glasses	\$4.00	Safety Glasses	\$4.00		
Ear Plugs	\$2.50	Ear Plugs	\$2.50		
Carbon Steel Wire Brush	\$4.00	Carbon Steel Wire Brush	\$4.00		
Vise Grip Locking Pliers	\$15.00	Vise Grip Locking Pliers	\$15.00		
Welders (Mig Pliers)	\$19.00	Welders (Mig Pliers)	\$19.00		
Black Welding Coat	\$32.00	Black Welding Coat	\$32.00		
Helmet	\$51.00	Helmet	\$51.00		
Filter Lens 4 1/2" X 5 1/4"	\$8.00	Filter Lens 4 1/2" X 5 1/4"	\$8.00		
Cover Lens 4 1/2" X 5 1/4"	\$3.00	Cover Lens 4 1/2" X 5 1/4"	\$3.00		
Gloves (Orange/White)	\$17.00	Gloves (Orange/White)	\$17.00		
Flint Striker	\$3.00	Heat Shield	\$10.00		
1/8" Grinding Wheel	\$4.00	Chipping Hammer	\$17.00		
3/32" Grinding Wheel	\$2.00	1/8" Grinding Wheel	\$4.00		
		3/32" Grinding Wheel	\$2.00		
		Flint Striker	\$3.00		
GMA201 & GMA301					
GAS METAL ARC					
WELDING ADVANCED, GAS					
METAL ARC WELDING					
INDUSTRIAL					
Total: \$194.50			Total: \$420.50		
Face Shield	\$3.00	Face Shield	\$3.00		
Head Gear	\$9.00	Head Gear	\$9.00		