

FOW	2011 FUNDAMENTALS OF WELDING	\$ 1,290.00
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Learn oxy-fuel, gas tungsten arc, gas metal arc and shielded metal arc processes through lecture and hands-on practice. Discuss basic metallurgy, welding codes, distortion control and welding symbols. Must be 18 or older with good reading and writing skills. CEUs and an Earlbeck Certification of Completion awarded.

Days	January 17 - January 28	MWF	8:00 AM - 3:00 PM	6 Sessions
Evenings	January 17 - February 23	MW	5:30 PM - 8:30 PM	12 Sessions
Evenings	January 18 - February 24	Tu/Th	5:30 PM - 8:30 PM	12 Sessions
Days	February 28 - March 11	MWF	8:00 AM - 3:00 PM	6 Sessions
Days	April 11 - April 22	MWF	8:00 AM - 3:00 PM	6 Sessions
Evenings	May 10 - June 16	Tu/Th	5:30 PM - 8:30 PM	12 Sessions
Days	May 27 - June 10	MWF	8:00 AM - 3:00 PM	6 Sessions
Days	July 18 - July 29	MWF	8:00 AM - 3:00 PM	6 Sessions
Evenings	August 29 - October 10	MW	5:30 PM - 8:30 PM	12 Sessions
Evenings	August 30 - October 6	Tu/Th	5:30 PM - 8:30 PM	12 Sessions
Days	September 12 - September 23	MWF	8:00 AM - 3:00 PM	6 Sessions
Days	October 31 - November 11	MWF	8:00 AM - 3:00 PM	6 Sessions

INT SMAW	INTERMEDIATE SHIELDED METAL ARC WELDING	\$ 1,940.00
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This course provides instruction on shielded metal arc (SMAW) welding processes. Prepare material and perform fillet and groove welds in carbon steel using E7018 electrodes in all positions. Geared toward structural welding code vertical and overhead tests. Passing the certification tests provides an all-position limited thickness AWS D1.1 welder certification. Must be 18 or older with good reading and writing skills. CEUs and an Earlbeck Certificate of Completion awarded.

Days	January 31 - February 18	MWF	8:00 AM - 3:00 PM	9 Sessions
Evenings	February 28 - April 27	MW	5:30 PM - 8:30 PM	18 Sessions
Evenings	March 1 - April 28	Tu/Th	5:30 PM - 8:30 PM	18 Sessions
Days	March 14 - April 1	MWF	8:00 AM - 3:00 PM	9 Sessions
Days	April 25 - May 13	MWF	8:00 AM - 3:00 PM	9 Sessions
Days	June 13 - July 1	MWF	8:00 AM - 3:00 PM	9 Sessions
Evenings	June 21 - August 18	Tu/Th	5:30 PM - 8:30 PM	18 Sessions
Days	August 1 - August 19	MWF	8:00 AM - 3:00 PM	9 Sessions
Days	September 26 - October 14	MWF	8:00 AM - 3:00 PM	9 Sessions
Evenings	October 12 - December 19	MW	5:30 PM - 8:30 PM	18 Sessions
Evenings	October 11 - December 15	Tu/Th	5:30 PM - 8:30 PM	18 Sessions
Days	November 14 - December 9	MWF	8:00 AM - 3:00 PM	9 Sessions

INT GMAW	INTERMEDIATE GAS METAL ARC WELDING	\$ 1,940.00
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This course provides instruction on gas metal arc (GMAW) welding processes. Gain skills in the gas metal arc process. Prepare material and perform fillet and groove welds in carbon steel in all positions. Practice geared toward structural welding code vertical and overhead tests. Passing the certification tests provides an all-position limited thickness AWS D1.1 welder certification. Must be 18 or older with good reading and writing skills. CEUs and an Earlbeck Certificate of Completion awarded.

Days	February 4 - February 18	MWF	8:00 AM - 3:00 PM	7 Sessions
Evenings	March 14 - April 27	MW	5:30 PM - 8:30 PM	14 Sessions
Evenings	March 15 - April 28	Tu/Th	5:30 PM - 8:30 PM	14 Sessions
Days	March 18 - April 1	MWF	8:00 AM - 3:00 PM	7 Sessions
Days	April 29 - May 13	MWF	8:00 AM - 3:00 PM	7 Sessions
Days	June 17 - July 1	MWF	8:00 AM - 3:00 PM	7 Sessions
Evenings	July 5 - August 18	Tu/Th	5:30 PM - 8:30 PM	14 Sessions
Days	August 5 - August 19	MWF	8:00 AM - 3:00 PM	7 Sessions
Days	September 30 - October 14	MWF	8:00 AM - 3:00 PM	7 Sessions
Evenings	October 26 - December 19	MW	5:30 PM - 8:30 PM	14 Sessions
Evenings	October 25 - December 15	Tu/Th	5:30 PM - 8:30 PM	14 Sessions
Days	November 18 - December 9	MWF	8:00 AM - 3:00 PM	7 Sessions

INT GTAW	INTERMEDIATE GAS TUNGSTEN ARC WELDING	\$ 1,940.00
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This course provides instruction on gas tungsten arc (TIG) welding processes. Gain skills in the gas tungsten arc process. Prepare material and perform flat, horizontal and vertical fillet welds and flat groove welds in carbon steel, stainless steel and aluminum. Geared toward AWS D17.1 aerospace code for carbon steel, stainless steel and aluminum certification. CEUs and an Earlbeck Certificate of Completion awarded.

Days	February 2 - February 18	MWF	8:00 AM - 3:00 PM	8 Sessions
Evenings	March 7 - April 27	MW	5:30 PM - 8:30 PM	16 Sessions
Evenings	March 8 - April 28	Tu/Th	5:30 PM - 8:30 PM	16 Sessions
Days	March 16 - April 1	MWF	8:00 AM - 3:00 PM	8 Sessions
Days	April 27 - May 13	MWF	8:00 AM - 3:00 PM	8 Sessions
Days	June 15 - July 1	MWF	8:00 AM - 3:00 PM	8 Sessions
Evenings	June 28 - August 18	Tu/Th	5:30 PM - 8:30 PM	16 Sessions
Days	August 3 - August 19	MWF	8:00 AM - 3:00 PM	8 Sessions
Days	September 28 - October 14	MWF	8:00 AM - 3:00 PM	8 Sessions
Evenings	October 19 - December 19	MW	5:30 PM - 8:30 PM	16 Sessions
Evenings	October 18 - December 15	Tu/Th	5:30 PM - 8:30 PM	16 Sessions
Days	November 16 - December 9	MWF	8:00 AM - 3:00 PM	8 Sessions

<i>ADVANCED CLASSES - PIPE WELDING</i>		
ADV SMAW	ADVANCED SHIELDED METAL ARC WELDING	\$ 1,940.00
ADV GTAW	ADVANCED GAS TUNGSTEN ARC WELDING	
ADV GMAW	ADVANCED GAS METAL ARC WELDING	

Learn techniques required of a qualified pipe welder: proper tacks and feather edging, filler metal angles, manipulations for open root pipe welding, Qualify to the ASME IX, Boiler and Pressure Vessel Code in the 6G positions on carbon steel. Stick classes concentrate on E6010 root with E7018 balance. MIG classes concentrate on solid wire short circuit root with flux core balance. TIG class concentrates on open root with both free hand and "walk the cup" welding. Successfully complete the course to earn an Earlbeck Certificate of Completion. Students who pass the certification test are eligible for an all position ASME welder qualification. CEU's awarded.

Days	January 31 - February 16	MWF	8:00 AM - 3:00 PM	8 Sessions
Evenings	February 28 - April 20	MW	5:30 PM - 8:30 PM	16 Sessions
Evenings	March 1 - April 21	Tu/Th	5:30 PM - 8:30 PM	16 Sessions
Days	March 14 - March 30	MWF	8:00 AM - 3:00 PM	8 Sessions
Days	April 25 - May 11	MWF	8:00 AM - 3:00 PM	8 Sessions
Days	June 13 - June 29	MWF	8:00 AM - 3:00 PM	8 Sessions
Evenings	June 21 - August 11	Tu/Th	5:30 PM - 8:30 PM	16 Sessions
Days	August 1 - August 17	MWF	8:00 AM - 3:00 PM	8 Sessions
Days	September 26 - October 12	MWF	8:00 AM - 3:00 PM	8 Sessions
Evenings	October 12 - December 12	MW	5:30 PM - 8:30 PM	16 Sessions
Evenings	October 11 - December 8	Tu/Th	5:30 PM - 8:30 PM	16 Sessions
Days	November 14 - December 7	MWF	8:00 AM - 3:00 PM	8 Sessions

SIGN UP FOR FUNDAMENTALS AND ANY INTERMEDIATE CLASS IN THE SAME SESSION AND RECEIVE A 8% DISCOUNT