

FOW	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.

DAY	05/04/09 - 05/15/09	MWF	8:00 AM - 3:00 PM	6 SESSIONS
EVENING	05/05/09 - 06/11/09	T/TH	5:30 PM - 8:30 PM	12 SESSIONS
DAY	06/22/09 - 07/06/09	MWF	8:00 AM - 3:00 PM	6 SESSIONS
DAY	08/10/09 - 08/21/09	MWF	8:00 AM - 3:00 PM	6 SESSIONS
EVENING	08/31/09 - 10/12/09	MW	5:30 PM - 8:30 PM	12 SESSIONS
EVENING	09/01/09 - 10/08/09	T/TH	5:30 PM - 8:30 PM	12 SESSIONS
SATURDAY	09/05/09 - 10/09/09	SAT	7:00 AM - 1:00 PM	6 SESSIONS
DAY	09/28/09 - 10/09/09	MWF	8:00 AM - 3:00 PM	6 SESSIONS
DAY	11/09/09 - 11/20/09	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.

DAY	04/13/09 - 05/01/09	MWF	8:00 AM - 3:00 PM	9 SESSIONS
DAY	05/18/09 - 06/08/9	MWF	8:00 AM - 3:00 PM	9 SESSIONS
EVENING	06/16/09 - 08/13/09	T/TH	5:30 PM - 8:30 PM	18 SESSIONS
DAY	07/08/09 - 07/27/09	MWF	8:00 AM - 3:00 PM	9 SESSIONS
DAY	08/24/09 - 09/14/09	MWF	8:00 AM - 3:00 PM	9 SESSIONS
DAY	10/12/09 - 10/30/09	MWF	8:00 AM - 3:00 PM	9 SESSIONS
EVENING	10/13/09 - 12/17/09	T/TH	5:30 PM - 8:30 PM	18 SESSIONS
SATURDAY	10/17/09 - 12/19/09	SAT	7:00 AM - 1:00 PM	9 SESSIONS
DAY	11/30/09 - 12/18/09	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.

DAY	04/17/09 - 05/01/09	MWF	8:00 AM - 3:00 PM	7 SESSIONS
DAY	05/22/09 - 06/08/09	MWF	8:00 AM - 3:00 PM	7 SESSIONS
EVENING	06/30/09 - 08/13/09	T/TH	5:30 PM - 8:30 PM	14 SESSIONS
DAY	07/13/09 - 07/27/09	MWF	8:00 AM - 3:00PM	7 SESSIONS
DAY	08/28/09 - 09/14/09	MWF	8:00 AM - 3:00PM	7 SESSIONS
DAY	10/16/09 - 10/30/09	MWF	8:00 AM - 3:00PM	7 SESSIONS
EVENING	10/27/09 - 12/17/09	T/TH	5:30 PM - 8:30 PM	14 SESSIONS
SATURDAY	10/31/09 - 12/19/09	SAT	7:00 AM - 1:00 PM	7 SESSIONS
DAY	12/04/09 - 12/18/09	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.

DAY	04/15/09 - 05/01/09	MWF	8:00 AM - 3:00 PM	8 SESSIONS
DAY	05/20/09 - 06/08/09	MWF	8:00 AM - 3:00 PM	8 SESSIONS
EVENING	06/23/09 - 08/13/09	T/TH	5:30 PM - 8:30 PM	16 SESSIONS
DAY	07/10/09 - 07/27/09	MWF	8:00 AM - 3:00PM	8 SESSIONS
DAY	08/26/09 - 09/14/09	MWF	8:00 AM - 3:00PM	8 SESSIONS
DAY	10/14/09 - 10/30/09	MWF	8:00 AM - 3:00PM	8 SESSIONS
EVENING	10/20/09 - 12/17/09	T/TH	5:30 PM - 8:30 PM	16 SESSIONS
SATURDAY	10/24/09 - 12/19/09	SAT	7:00 AM - 1:00 PM	8 SESSIONS
DAY	12/02/09 - 12/18/09	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.

DAY	04/13/09 - 04/29/09	MWF	8:00 AM - 3:00 PM	8 SESSIONS
DAY	05/18/09 - 06/05/09	MWF	8:00 AM - 3:00 PM	8 SESSIONS
EVENING	06/23/09 - 08/13/09	T/TH	5:30 PM - 8:30 PM	16 SESSIONS
DAY	07/8/09 - 07/24/09	MWF	8:00 AM - 3:00PM	8 SESSIONS
DAY	08/24/09 - 08/11/09	MWF	8:00 AM - 3:00 PM	8 SESSIONS
DAY	10/12/09 - 10/28/09	MWF	8:00 AM - 3:00PM	8 SESSIONS
SATURDAY	10/17/09 - 12/12/09	SAT	7:00 AM - 1:00 PM	8 SESSIONS
EVENING	10/20/09 - 12/17/09	T/TH	5:30 PM - 8:30 PM	16 SESSIONS
DAY	11/30/09 - 12/16/09	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

****OPEN HOUSE AT EARLBECK TECHNICAL CENTER**
SATURDAYS 9AM - NOON ON APRIL 25, AUGUST 1, AND OCTOBER 24**