

# 2018 Basic Welding Instructors Tune-Up

July 10-12, 2018

## Day 1 Itinerary

8:00am – 8:15am	Welcome from Chris Layton
8:15am – 9:00am	Introductions
9:00am – 9:15am	Safety Meeting
9:15 am – 9:30am	Break
9:30am – 11:30am	Different types of SMAW Welding Machines
<i>(Hands-on Training)</i>	Industry Standard SMAW Electrodes
	Fillet / Groove Welds
11:30am -12:30pm	Lunch <i>(Provided by Welsco)</i>
12:30pm – 2:15pm	Introduction to Welding Codes
<i>(Hands-on Training)</i>	How to Measure Fillet Welds
	Weld Defects
	Guided Bend Test
2:15pm - 2:30pm	Break
2:30pm – 2:45pm	Shop Cleanup
2:45pm – 3:00pm	Debriefing

***Note: Lincoln VRTEX Demonstrations/Training will be available throughout our event.***

***Participants will need to provide a welding helmet, gloves, welding shirt, boots, safety glasses, cutting glasses, hand wire brush, MIG welding pliers, lineman pliers, and small flash light. All other items will be provided.***

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## Day 2 Itinerary

8:00am – 8:15am	History of Welsco – Aaron Campbell
8:15am – 9:00am	Introduction To GMAW/FCAW
9:00am – 9:15am	Safety Meeting
9:15 am – 9:30am	Break
9:30am – 11:30am	Different types of GMAW/FCAW Welding Machines
<i>(Hands-on Training)</i>	GMAW/FCAW Electrodes Fillet / Groove Welds
11:30am -12:30pm	Lunch <i>(Provided by Welsco)</i>
12:30pm – 2:15pm	Shielding Gas/Mixtures
<i>(Hands-on Training)</i>	Welding Modes GMAW Aluminum Welding Guided Bend Test
2:15pm - 2:30pm	Break
2:30pm – 2:45pm	Shop Cleanup
2:45pm – 3:00pm	Debriefing
5:00pm – 9:00pm	Dinner <i>(Provided by Welsco at Training Facility)</i>

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## Day 3 Itinerary

8:00am – 9:00am	Introduction to GTAW
9:00am – 9:15am	Safety Meeting
9:15 am – 9:30am	Break
9:30am – 11:30am	Different types of GTAW Welding Machines
<i>(Hands-on Training)</i>	GTAW Filler Metals
	Tungsten Electrodes
11:30am -12:30pm	Lunch <i>(Provided by Welsco)</i>
12:30pm – 1:30pm	Surfacing / Fillet Welds
<i>(Hands-on Training)</i>	Stainless Steel Welding
	Aluminum Welding
1:30pm – 1:45pm	Break
1:45pm – 2:00pm	Shop Cleanup
2:00pm – 3:00pm	Awards Ceremony

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