

MIG II		
Class # 1	Topics	HOURS
	Introductions and class overview.	
	Discuss multiple welding techniques specific to welding stainless steel including weld puddle control as it applies to stainless steel.	
	Properly prep stainless steel for optimum welding. Learn proper tacking techniques for stainless steel. Practice welding fillet weld beads on stainless steel in flat, horizontal, vertical and overhead positions on thick gauge stainless steel.	
	<b>LUNCH 11:00 - 11:30 am</b>	<b>Classroom Hours: 8</b>
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Class # 2	Topics	HOURS
	Shielding gas selection and use. In-depth discussion on proper cleaning of stainless steel. How to avoid cross-contamination of stainless steel with tools and gloves.	
	Practicing more fillet welds in 3F and 4F on various thickness sheet stainless steel.	
	<b>LUNCH 11:00 - 11:30 am</b>	<b>Classroom Hours: 8</b>
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Class # 3	Topics	HOURS
	Metallurgy of stainless steel. Discuss harmful effects of carbide precipitation and how to prevent it.	
	Practicing groove welds on sheet and 1/8" plate in stainless steel.	
	<b>LUNCH 11:00 - 11:30 am</b>	<b>Classroom Hours: 8</b>
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Class # 4	Lecture	HOURS
	Explanation of grades of stainless steel and proper electrode selection. Special emphasis on food-grade stainless steel.	
	Preparing and practicing for certification on stainless steel plate.	
	<b>LUNCH 11:00 - 11:30 am</b>	<b>Classroom Hours: 8</b>
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Class # 5	Topics	HOURS
	Highlight applicable codes governing the fabrication of equipment using SS.	
	Certification on stainless steel plate.	
	<b>LUNCH 11:00 - 11:30 am</b>	<b>Classroom Hours: 8</b>
		<b>Total Classroom Hours: 40</b>