



# Welding



<b>Date</b>	03/05/2022	<b>Orientation Time</b>	Doors open at 7am orientation will start at 7:30
<b>Location</b>	Eastland Career Center	<b>Contest Time</b>	8:00
<b>Contest Coordinator</b>	Brian Huston/Owen Meston	<b>Contact Information</b>	bhuston@efcts.us
<b>Purpose</b>	To evaluate each contestant's preparation for employment and to recognize outstanding students for excellence and professionalism in the field of welding.		
<b>Testing</b>	Written test		
<b>Eligibility</b>	1 contestant for every 50 paid members enrolled in program		
<b>Clothing</b>	Safety glasses, 100% cotton pants and long sleeve shirt, welding jacket or leathers, welding gloves, welder's cap, steel-toed boots		
<b>Provided by Contestant</b>	Professional Resume/ safety glasses, welding helmet, cutting shield, #2 pencil, calculator, soapstone, scribe, combination square, tape measure, ball peen hammer, center punch, vise grip pliers, needle nose pliers, diagonal cutting pliers, chipping hammer, wire brush, tip cleaner		
<b>Contest Skilled Performance Standards</b>	<p><b>W 4.0</b> - Produce welds using a Shielded Metal Arc Welding (SMAW) process to AWS QC10 standards.</p> <p><b>W 5.0</b> - Produce welds using a Gas Metal Arc Welding (GMAW) process to AWS QC10 standards.</p> <p><b>W 6.0</b> - Produce welds using a Fluxed Cored Arc Welding (FCAW) process to AWS QC10 standards.</p> <p><b>W 7.0</b> - Produce welds using a Gas Tungsten Arc Welding (GTAW) process to AWS QC10 standards.</p> <p><b>W 8.0</b> - Produce cut materials using an Oxygen Fuel Cutting (OFC) process to AWS QC10 standards.</p> <p><i>Please review the 2021-2022 SkillsUSA National Tech Standards for detailed information on each skilled performance standard.</i></p>		