



Collision Repair



Date	Friday January 31 st 2025	Orientation Time	8:00 a.m. (CLOSED to instructors)		
Location	Mahoning County Career & Tech Center 7300 N. Palmyra Rd Canfield Ohio 44406	Contest Time	Immediately following orientation (OPEN contest)		
Scope of Contest	Competitors will demonstrate their ability to perform jobs and skills based on the task list outlined by I-CAR, ASE and the ASE Education Foundation. The competition includes a series of workstations to assess skills in the following areas: metal straightening, attachment methods, plastic repair and structural analysis. The overall appearance of the finished product, ability to follow published procedures, and proper safety practices will be judged. Contestants will also undergo a professional interview as part of the competition.				
Testing	Yes				
Eligibility	2 contestants per school				
Clothing	Clothing Classification Guide – Class D				
Provided by Contestant	Professional Resume – Typed Hardcopy Emergency Medical Form (Contestants must have this to compete) Verification of Tool Training and Safety (See form on SkillsUSAOhio Website)				
	<p style="text-align: center;">Air fitting male stem: Milton 727 Air fitting female stem: Milton 728</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> Air hose, 25 feet Side cuts Sanding blocks Welding gloves Blow gun Filler board Safety glasses Clipboard Two #2 pencils, sharpened Welding helmet with at least a #10 lens Welding respirator Calculator Part Stand </td> <td style="width: 50%; border: none;"> Grinder with disk Metal finishing tools Appropriate sandpaper and disks Air file Pliers Assorted body hammers Dollies Vise grips (at least two pair) Body Filler Board Welding jacket Dual action Sander (w/sandpaper) Face Shield </td> </tr> </table>			Air hose, 25 feet Side cuts Sanding blocks Welding gloves Blow gun Filler board Safety glasses Clipboard Two #2 pencils, sharpened Welding helmet with at least a #10 lens Welding respirator Calculator Part Stand	Grinder with disk Metal finishing tools Appropriate sandpaper and disks Air file Pliers Assorted body hammers Dollies Vise grips (at least two pair) Body Filler Board Welding jacket Dual action Sander (w/sandpaper) Face Shield
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Contest Standards	Contest Skilled Performance Standards CRT 1.0 - Repair depressed area(s) on a steel panel with hammer and dolly techniques and body filler CRT 3.0 - Repair depressed areas using metal finishing techniques on a steel panel CRT 5.0 - Prepare steel panel for primer	Aligned ODEW Transportation Career Field Technical Standard Outcomes Outcome 6.5 Surface Preparation Outcome 6.5 Surface Preparation			

	<p>CRT 6.0 — Demonstrate the understanding and skills necessary for attachment methods needed for collision repair of steel and aluminum panels</p> <p>CRT 7.0 - Complete a two-sided repair on a plastic vehicle part. Mix and apply appropriate plastic repair material following product maker procedures</p> <p>CRT 23.0 - Demonstrate interview skills</p>	<p>Outcome 6.5 Surface Preparation</p> <p>Outcome 6.3 Joining and Cutting Metals</p> <p>Outcome 6.4 Plastics and Adhesives</p> <p>Above Outcomes can be found in the following ODEW courses: 177010 Collision Non-Structural 177023 Collision Painting and Refinishing</p>
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