



Collision Repair



Date	Friday Feb 23, 2024	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.																												
Testing	Yes																												
Eligibility	2 contestants per school																												
Clothing	Work Attire: Field specific work clothing required for the work environment or that matches the service conditions for the contest. This may include jeans if they are clean and professional looking and are accepted in the respective field (no holes or overly soiled pants). Work shoes or boots with a hard sole or anti-slip properties (steel toes may be required – refer to Provided by Contestant section below). Clothing should be as such that it will not get caught in moving equipment or power tools. School uniforms may be worn if they meet the above requirements with all identifiers covered.																												
Provided by Contestant	<p>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> <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</td> <td style="width: 50%; border: none;">Grinder with disk</td> </tr> <tr> <td style="border: none;">Side cuts</td> <td style="border: none;">Metal finishing tools</td> </tr> <tr> <td style="border: none;">Sanding blocks</td> <td style="border: none;">Appropriate sandpaper and disks</td> </tr> <tr> <td style="border: none;">Welding gloves</td> <td style="border: none;">Air file</td> </tr> <tr> <td style="border: none;">Blow gun</td> <td style="border: none;">Pliers</td> </tr> <tr> <td style="border: none;">Filler board</td> <td style="border: none;">Assorted body hammers</td> </tr> <tr> <td style="border: none;">Safety glasses</td> <td style="border: none;">Dollies</td> </tr> <tr> <td style="border: none;">Clipboard</td> <td style="border: none;">Vise grips (at least two pair)</td> </tr> <tr> <td style="border: none;">Two #2 pencils, sharpened</td> <td style="border: none;">Body Filler Board</td> </tr> <tr> <td style="border: none;">Welding helmet with at least a</td> <td style="border: none;">Welding jacket</td> </tr> <tr> <td style="border: none;">#10 lens Welding respirator</td> <td style="border: none;">Dual action Sander (w/sandpaper)</td> </tr> <tr> <td style="border: none;">Calculator</td> <td style="border: none;">Face Shield</td> </tr> <tr> <td style="border: none;">Part Stand</td> <td style="border: none;"></td> </tr> </table>			Air hose, 25 feet	Grinder with disk	Side cuts	Metal finishing tools	Sanding blocks	Appropriate sandpaper and disks	Welding gloves	Air file	Blow gun	Pliers	Filler board	Assorted body hammers	Safety glasses	Dollies	Clipboard	Vise grips (at least two pair)	Two #2 pencils, sharpened	Body Filler Board	Welding helmet with at least a	Welding jacket	#10 lens Welding respirator	Dual action Sander (w/sandpaper)	Calculator	Face Shield	Part Stand	
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<p>Contest Standards</p>	<p>Contest Skilled Performance Standards</p> <p>CRT 1.0 - Repair depressed area(s) on a steel panel with hammer and dolly techniques and body filler</p> <p>CRT 3.0 - Repair depressed areas using metal finishing techniques on a steel panel</p> <p>CRT 5.0 - Prepare steel panel for primer</p> <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>Aligned ODE Transportation Career Field Technical Standard Outcomes</p> <p>Outcome 6.5 Surface Preparation</p> <p>Outcome 6.5 Surface Preparation</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 ODE courses: 177010 Collision Non-Structural 177023 Collision Painting and Refinishing</p>
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