



Collision Repair Technology



Date	March 1, 2024	Orientation Time	8:00 a.m. (CLOSED to instructors)		
Location	Delaware Area Career Center 4565 Columbus Pike Delaware, OH 43035	Contest Time	Immediately following orientation (CLOSED 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	Professional Resume – Typed Hardcopy Emergency Medical Form (Contestants must have this to compete) Verification of Tool Training and Safety (See form on SkillsOhio Web site) <div style="text-align: center;"> Air fitting male stem: Milton 777 Air fitting female stem: Milton 778 </div> <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 </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	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	Aligned ODE Transportation Career Field Technical Standard Outcomes Outcome 6.5 Surface Preparation			

	<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>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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