



Collision Repair Technology



Date	February 14, 2025 Snow Date – February 18, 2025	Orientation Time	10:45 a.m. (CLOSED to instructors)		
Location	Vantage Career Center 818 N. Franklin Street Van Wert, OH 45891	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 an interview and 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	No				
Eligibility	2 competitors per school				
Clothing	Clothing Classification Guide – CLASS D				
Provided by Contestant	<p>Professional Resume – must be typed and physically produced as a hard copy Emergency Medical Form (Contestants must have this to compete) Verification of Tool Training and Safety (See form on SkillsUSA Ohio Web site)</p> <p style="text-align: center;">Air fitting male stem: Milton 777 Air fitting female stem: Milton 778</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 </td> <td style="width: 50%; border: none;"> Grinder with disk Metal finishing tools Appropriate sand paper and disks Air file Pliers Assorted body hammers Dollies Vise grips (at least two pair) Body Filler Board Welding jacket Dual action Sander (w/sand paper) 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 sand paper and disks Air file Pliers Assorted body hammers Dollies Vise grips (at least two pair) Body Filler Board Welding jacket Dual action Sander (w/sand paper) Face Shield
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 sand paper and disks Air file Pliers Assorted body hammers Dollies Vise grips (at least two pair) Body Filler Board Welding jacket Dual action Sander (w/sand paper) Face Shield				
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	Aligned ODEW Transportation Career Field Technical Standard Outcomes Outcome 6.3 Joining and Cutting Metals Outcome 6.4 Plastics and Adhesives Outcome 6.5 Surface Preparation Above Outcomes can be found in the following ODEW courses:			

	<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>177010 Collision Non-Structural</p> <p>177023 Collision Painting and Refinishing</p>
--	---	---