



# Collision Repair Technology

**Purpose:** To evaluate each competitor's preparation for employment and to recognize outstanding students for excellence and professionalism in the field of collision repair technology.

<b>On-Site/Off-Site</b>	<ul style="list-style-type: none"><li>Off-Site</li></ul>
<b>Contest Date</b>	<ul style="list-style-type: none"><li>4/9/2024</li></ul>
<b>Contest Location</b>	<ul style="list-style-type: none"><li>Three-C Body Shops Inc.</li><li>2300 Briggs Road, Columbus, OH 43223</li></ul>
<b>Early/Normal Start Time</b>	<ul style="list-style-type: none"><li>Normal Start Time</li><li>Registration will begin at 9:00am, competition will begin at 10:00am, and contest will conclude at 5:00pm.</li></ul>
<b>Contest Open/Closed</b>	<ul style="list-style-type: none"><li>Open</li><li>Contest is OPEN to observers. Orientation is closed to instructors and advisors.</li></ul>
<b>Eligibility</b>	<ul style="list-style-type: none"><li><b>This contest has a Regional Qualifier Contest.</b> The top three (3) candidates from the Regional Qualifiers will proceed to the State Championship Contest.</li></ul>
<b>Competition Clothing (To be worn on Day 1)</b>	<p>Work/School Attire:</p> <ul style="list-style-type: none"><li>Field specific work clothing required for the work environment or that matches the service conditions for the contest.</li><li>This may include jeans if they are clean and professional looking and are accepted in the respective field (no holes or overly soiled pants).</li><li>Shoes or work boots with a hard sole and anti-slip properties.</li><li>Clothing should be as such that it will not get caught in moving equipment or power tools.</li></ul>

	<ul style="list-style-type: none"> <li>▪ Professional attire worn in the classroom (school uniforms) such as a criminal justice uniform, chef attire, health scrubs, or cosmetology scrubs etc. may be worn if they meet the above requirements.</li> <li>▪ Note: School identifiers and contestant names must be covered.</li> </ul>
<b>Safety Equipment Required</b>	<ul style="list-style-type: none"> <li>▪ Safety glasses with side shields or goggles (Prescription glasses can be used only if they are equipped with side shields. If not, they must be covered with goggles).</li> </ul>
<b>Awards Ceremony Attire (To be worn on Day 2)</b>	<p>SkillsUSA Official Attire:</p> <ul style="list-style-type: none"> <li>▪ Official SkillsUSA red blazer</li> <li>▪ Button-up, collared, white dress shirt (accompanied by a plain, solid black tie or SkillsUSA black tie), or white shirt (collarless or small-collared), with any collar not to extend into the lapel area of the blazer</li> <li>▪ Black dress slacks or black dress skirt (knee-length at minimum)</li> <li>▪ Black closed-toe dress shoes</li> <li>▪ Note: Wearing socks or hose is no longer required. If worn, socks must be black dress socks, and hose must be either black or skin-tone and seamless/nonpattern</li> </ul> <p>Or,</p> <p>Business Dress:</p> <ul style="list-style-type: none"> <li>▪ Blazer, sports coat, or dress</li> <li>▪ Button-up, collared, white dress shirt (accompanied by a plain, solid black tie or SkillsUSA black tie), or white shirt (collarless or small-collared), with any collar not to extend into the lapel area of the blazer</li> <li>▪ Dress slacks or dress skirt (knee-length at minimum)</li> <li>▪ Closed-toe dress shoes</li> <li>▪ Note: Wearing socks or hose is no longer required. If worn, socks must be black dress socks, and hose must be either black or skin-tone and seamless/nonpattern</li> </ul>
<b>Testing</b>	<ul style="list-style-type: none"> <li>▪ There is no written test required for this competition.</li> </ul>
<b>Provided by Contestant</b>	<ul style="list-style-type: none"> <li>▪ One hard copy of a 1-page typed personal resume</li> <li>▪ Safety glasses</li> </ul>

**(Tool List)**

- Hard soled shoes
- Digital Multimeter (DMM)
- Two (2) #2 pencils (sharpened)
- Extra air hose – 25’
- Calculator (battery operated only)
- Dual action sander
- Grinder
- Sanding block
- Metal finishing tools
- File
- Welding gloves
- Air file
- Welding leathers
- Pliers
- Safety glasses
- Hammers, flat and pick
- Clipboard
- Vise grips (at least 2 pairs)
- Nitrile gloves
- Steel tape
- (4-6) 4” Plastic spreaders (for use in application of body filler & plastic repair)
- Charcoal paint respirator 3M or equivalent (Dual Cartridge) – Please bring proof of fit test (will not disqualify if not supplied)
- Air file/Board File Sandpaper – 80 grits, 320 grit – 10 sheets each
- Arc welding helmet with at least #10 lens\*
- Dual canister respirator or equivalent (fresh cartridges mandatory) for welding\*
- Air fittings
- Hi-Flow
- DeVilbiss: HC4419
- RBL: 612
- Prevost
- ERP 76251 (male)
- ERP 76201 (male)
- Go to [www.3m.com/automotive](http://www.3m.com/automotive)
  - Scroll down to 3M Plastic Bumper Front Side Back Side Repair Video
- Materials used will be 05887 EX sand Flex Material

	<ul style="list-style-type: none"> <li>▪ 08987 Plastic cleaner</li> <li>▪ 05907 Aerosol adhesion promoter</li> <li>▪ Your choice of abrasives based on the video recommendations</li> <li>▪ 04240 3M Semi Rigid Plastic Repair</li> <li>▪ 04904 3M Reinforcement Mesh</li> </ul>
<b>Contest Notes, Themes, &amp; Deadlines</b>	<ul style="list-style-type: none"> <li>▪ At the 2024 State Competition - Metal Finishing &amp; Glue Pull will NOT be required for competition. (National Technical Standard CRT 3.0 and CRT 4.0)</li> </ul>
<b>Special Notes</b>	<ul style="list-style-type: none"> <li>▪ Starting in 2024, all State Contests will begin to add a scenario-based component.</li> <li>▪ All competitions will begin at 10:00am</li> <li>▪ Contact with Contest Coordinators is prohibited. Contact with Contest Coordinators outside of the SkillsUSA Ohio office may result in contestant disqualification.</li> <li>▪ All safety requirements will be heavily enforced. Violation may result in contestant disqualification.</li> <li>▪ No smart watches and/or phones are permitted during the contest and/or in contest.</li> <li>▪ No contact with anyone outside of the contest area once the contest begins.</li> <li>▪ No inappropriate communication between contestants such as verbally degrading another contest.</li> <li>▪ No cheating on any portion of the contest such as informing another contestant of the skills/test prior to competing.</li> <li>▪ Starting in 2024, Wi-Fi is provided for contests where it is required for contest success.</li> </ul>
<b>National Technical Standards</b>	<ul style="list-style-type: none"> <li>▪ Please refer to the 2023-2024 National Technical Standards for all contests. Any and all standards included may be tested in any competition.</li> <li>▪ In conjunction with National Standards, violations may result in student loss of contest.</li> </ul>
<b>Resume/Interview Requirement</b>	<ul style="list-style-type: none"> <li>▪ All SkillsUSA Ohio State Championship Contests will require a short interview component. Students should be prepared with basic job interview skills.</li> <li>▪ All contestants must have a hard copy of a one (1) page personal resume.</li> </ul>