**Regional Competition Scope**

**Contest:  Collision Repair Technology** **Competition Date Tuesday, March 4th, 2025**  
Follows the SkillsUSA rules                                         **Contest Site:  Wellsville Campus**  
**Chairpersons: Brian McDonnell**   
Chairpersons School: GST BOCES CoopersCampus           Telephone: 607-962-3175  
E-mail: [bmcdonnell@gstboces.org](mailto:bmcdonnell@gstboces.org)             Fax: 607-962-1579

|  |  |  |
| --- | --- | --- |
| **Items Evaluated** | **Possible Points** | **Special notes for Regionals** |
| **SkillsUSA Knowledge Test** |  | A short, multiple-choice test, based on the Leadership Handbook& PDP |
| **METALWORKING:**   * Safe practices * Surface preparation * Metalworking * Use of body filler * Overall appearance * Primer application | 40 | Students will be given a minor dent to repair. They will finish and prime the repair. |
| **WELDING:**   * Safe practices * Welder setup * Proper welding techniques * Visual test / Destructive testing | 30 | Students will be given welding coupons to complete two different welding techniques. |
| **PAINTING:**   * Safe practices * Surface preparation * Spray gun setup * Color application and blending * Clearcoat application * Overall appearance | 40 | Students will prepare a panel for basecoat blending and full clearcoat application. They will then blend a spot repair and apply clearcoat. |
| **PLASTIC REPAIR:**   * Safe practices * Surface preparation * Plastic identification * Complete a 2-sided adhesive repair on a small tear | 20 | Students will identify plastic types and complete a 2-sided repair. |
| **OEM REPAIR INFORMATION:**   * Access OEM repair information * Identify material types * Identify sectioning locations * Identify miscellaneous vehicle specifications/information * Identify vehicle dimensions | 20 | Students will access OEM repair information and use the data to answer questions about the vehicle. If a vehicle is available, students may have to mark out sectioning locations on the vehicle itself. Students may also be required to use a tram gauge/tape measure to check vehicle dimensions |
| **WRITTEN ASE TEST** | 25 | Students will complete a test with ASE style questions. Questions will be based on ASE tests B2-B6. |
| **CLOTHING PENALTY** | 0-5 |  |
| **TOTAL POINTS** | **175** |  |

LIMITED TO ONE (1) CONTESTANT PER SCHOOL

**Shop Safety (All safety attire a must to participate): Safety glasses, dust respirator, cartridge type respirator (with charcoal filter), paint suit for painting, latex/nitrile gloves for repair and painting, leather work boots, welding goggles/helmet, welding gloves, welding jacket, welding skull cap, welding respirator.**

**Required Equipment/Supplies for Contestant to Bring:** #2 pencil; clipboard; calculator; sanding block(s); sandpaper (for dent repair and paint prep); scuff pads; various body hammers; various dollies; filler mixing board; spreaders; clamps/vice grips to secure sheet metal to table/stand.

**Technical Written Test:** OEM Repair Information; ASE test

**Area I Contest Clothing Description:** White work clothes are NOT required for this competition. Professional Collision Repair attire is required.It is necessary to have safety equipment and work boots.

**NO POWER TOOLS WILL BE USED DURING COMPETITION (Except paint gun, blow gun and welder)**

**PAINTING TASK WILL INCLUDE BLENDING BASECOAT**

**TIEBREAKER WILL BE BASED OFF FINAL SCORES FOR METAL WORKING. IF A TIE STILL EXISTS, PAINTING SCORES WILL BE USED TO BREAK TIE.**