***2023 Skills USA Texas Secondary***

***Collision, Refinish & Estimating Competition***

***March 31, 2023 - Del Mar College***

***Agenda/Schedule(Subject to change)***

7:00 Welcome Del Mar College

7:30 Written Tests

8:00 Competition Starts

3:00 Contest ends – Clean-up

***Instructor/Advisors***

Please bring all tools, equipment, and PPE to the contest. Del Mar College will not provide these things for all students. They don’t know what tools, equipment, and PPE you train your students with.

727 Milton Couplers and nipples will be the contest standard. Please be prepared for this.

Please no school names or designation on your students clothing.

Contestants will be given a number.

***State Competition Outline:***

1. **Written Test –** 
   1. 50 Refinish
   2. 50 Collision
   3. 25 Estimating
2. **Estimating** – Write 2 estimates using CCC Information Systems (Estimatics)

* Front end w/ structural damage
* Replace a quarter panel

1. **Refinishing** – Paint Complete OEM Panel and Spot Repair
   1. Prep 2 door outer panels.
   2. Paint a door outer panel complete.
   3. Blend a painted door outer panel.
   4. Axalta & Sherwin Williams products, tech sheets available, chemical based. Silver metallic paint will be used.
2. **Collision**
   * Straighten 2 dents, Sheetmetal fender
3. Metal finish,
4. Filler repairs
   * Welding – I-CAR Vertical Steel Welds I-CAR (WCS-03)
     1. Butt w/ Backing
     2. Fillet
     3. Plug
     4. Open Butt
   * Welding - I-CAR Vertical Aluminum Welds
5. Butt w/backing
6. Fillet
7. Plug
8. **Structural** – Analyze 3-Dimensional damage using equipment from:
   1. Car-O-Liner
   2. CHIEF Automotive
9. **Plastic Repair** – Chemically Repair a “2 - “3 tear and a Mounting tab repair on a painted OEM Bumper, 3M adhesive repair system.

Tech Chair:

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