

# Skills USA Maryland 2018 State Championship Automotive Refinishing Technology Contest Update

This letter contains information you and the competitors will need to know to compete in the SkillsUSA Automotive Refinishing state competition.

On Friday, April 13th 2018, contestants are to report to the Collision Repair/Refinishing Department at The Center of Applied Technology North promptly at 3:00 pm. Each competitor will be given 2 hours and 30 minutes to complete their written testing. At 5:30 pm each competitor will have familiarization in each area of the competition with each Segment leader giving an overall explanation of the areas of the Automotive Refinishing Competition. Competitors are encouraged to bring their tools at this time as well.

The Automotive Refinishing Technology hands on portion of the competition will start promptly at 8:00 am on Saturday, April 14th. All competitors will report to the Automotive Refinishing Area at The Center of Applied Technology North.

There are six areas within the competition and they are: Color Tinting, Featheredge, Prime and Block, Paint ID and Masking, Spot Repair, Estimating, and an Automotive Refinishing Knowledge Test. The Automotive Refinishing Knowledge Test and Estimating will be done on Friday night before orientation. Each competitor will receive a number and they will have a number square in the Automotive Refinishing Area to put their toolboxes and equipment. **After the competition begins there is to be no communication between the competitors and the visitors in the contest area, this could cause disqualification of the competitor.**

**Each competitor will need a Milton short shank adapter, and enough fittings for each tool they are bringing and HVLP fittings for their paint gun.** A full-face fresh air respirator will be supplied at the competition site if needed, however each contestant has the option to bring their own. The paint product being used is BASF Glasurit 90-Line metallic basecoat and BASF Glasurit Low VOC clear coat.

During the Color Tinting Segment, each contestant must bring safety glasses, protective gloves, a paint suit and respirator. All competitors will need to adjust the paint to a blendable match for a repaired fender. Each competitor may bring any other tools or equipment they feel may be needed to complete the repairs.

During the Featheredge Prime and Block Segment each contestant must bring an HVLP spray gun with regulators, protective gloves, safety glasses, and a paint suit. Each competitor will repair a scratch and prepare a painted plastic bumper cover for primer. Contestant will apply primer surface and level the primer after curing.

During the Paint ID and Masking Segment, each contestant must bring safety glasses; other tools and equipment are optional. Each contestant will be locating the paint code and identifying the paint. Each contestant will be masking and unmasking part of a vehicle.

During the Spot Repair Segment, the contestant will repair a primed area and prepare the fender for blending using a metallic base coat/clear coat finish. Each contestant must bring an HVLP spray gun with regulators or regulated air, protective gloves, safety glasses, and a paint suit.

During the Automotive Refinishing Knowledge Test Segment, the contestant will answer a 50-question test on painting and refinishing theory. Each competitor must bring a number 2-pencil to fill in the Scantron sheet and a calculator.

During the Estimating segment the contestant will need to prepare a damage report using a Crash Estimating Guide. They will be tested on their knowledge and application procedures found in a national estimating and reference guide. Each contestant must bring a clipboard and a calculator.

The competitors will be split into groups of two or three depending on the number of contestants. They will start in one of the four areas within the competition and rotate through each area. Each segment will last 1 hour and 15 minutes, with 5 minutes between segments to get their materials for the next segment. The contestants will have 30 minutes for lunch, which is provided. If a contestant finishes their segment early, they will go back to their assigned square in the Automotive Refinishing Area and wait for the next segment.

If there are any questions concerning the competition, please feel free to contact me between the hours of 8:30 am and 4:00 pm, Monday thru Friday at the number listed below.

Sincerely,

Matthew Pratt  
Automotive Refinishing Contest Chair

C: 443-962-8111