Contest Date: Saturday, April 4th, 2020, 7:45am-2:00pm
Contest Location: Dakota County Technical College (DCTC)
1300 145th St E,
Rosemount, MN 55068

Resume: Contestants must submit a one-page resume which will be judged as part of the job interview station. This will be turned in to the contest chairperson.

Arrival: The contestant orientation will begin at 7:45 am sharp at the contest facility. No one will be able to enter or participate in the contest if they arrive late. After 7:45am, no conversations between contestants and advisors, other contestants or spectators will be tolerated. Conversation at contest stations will only be allowed at the station chairman’s discretion.

SAFETY – WILL BE STRESSED and discussed at great lengths at the Orientation Meeting! No unsafe actions during the contest will be tolerated. If a station judge feels a contestant is performing an unsafe act, which may endanger themselves or others, that contestant will be asked to stop work. If the action is deliberate or severe enough, that contestant may be disqualified for the remainder of the competition.

Clothing Requirement and Appearance Standards:
- Proper work attire is required
- No ragged, torn, or excessively loose clothing
- No jewelry, chains, bracelets, or anything deemed a safety hazard will be allowed
- No identifying markings from your school is allowed on any clothing, including hats for the duration of the contest (school/work logos must be covered)
- Shirts should be long sleeved and must wear long pants
- Proper safety toed work shoes/boots are required
- Safety glasses must be worn at all times in the shop area
- No electronic devices are allowed during the contest (cell phones will be collected and returned at the end of the contest)

Students must provide:
- Safety glasses and all safety related equipment (i.e., Welding jacket, helmet, gloves, etc.)
- **3M 07182, Medium P100 Dust Respirator or equivalent.
- Rubber gloves
- Face shield
- Spraying suit
- Pick hammer
- Combination dolly and side cutters
- (2) Vise Grips – (1 should be a duck bill vise grip)
- Metric Tape Measure
- (2) Pencils
• No other tools will be allowed. All other necessary tools will be provided.


Lunch will be provided by the host site.

All stations will be 45 minutes in length. Judges will be watching for safety violations, proper techniques, tool usage, final appearance, and completion of projects. All stations may include a short written test. Any further information will be given at the contest orientation.

Stations will include:

• Estimating
• Plastic Repair: Students should be familiar with certain products included below: Contestants will identify several plastics. Reconstruct a missing/broken tab on a thermoplastic part using 3M #4247 Super fast plastic repair adhesive and plastic contour sheeting 3M #4903. Repair a tear in a polypropylene part using 3M #4240 Semi Ridge 4904 reinforcing cloth and 3M #5887 EZ Sand Multi-purpose repair adhesive. Complete by sanding and feathering. 3M will supply all products and tools. Students should know how to load, open and equalize a dual cartridge, attach a static mixing nozzle and discard the first pump of material. SOP repair information will be posted.
• Welding using Lincoln SP135 Plus MIG Welders
• Refinishing: Students should be familiar with certain products:
  o Basecoat spray gun: IWATA Supernova Entech, with 1.2 mm fluid tip and air case set-up. (3M PPS cups)
  o Clearcoat spray gun: IWATA Supernova WS400, with 1.3 mm fluid tip and air case set-up. (3M PPS cups)
• Sheet Metal Repair and Plastic Fillers
• Unibody and Frame
• Resume