

# **Welding Contest Updates**

**Contest will be Located on BSC Campus – Technical Center Room 103**

**9:00am Start Time**

**Lunch will be served at contest**

## **Knowledge Exam**

The Welding Knowledge exam is available through the SkillsUSA Champions Hub. Exams must be taken prior to Skilled Competitions.

## **Skilled Contest updates**

We will potentially be using OAC, SMAW, GMAW, and GTAW. The machines that we will be using are the Miller XMT 350 and the Lincoln 300C's. These machines are both combination welding machines

SMAW- 1/8" 7018 and 1/8" 6010 electrodes

GMAW- .045 Hard Wire in Pulse Spray Transfer with C10 Shielding Gas

GTAW- 1/16"-1/8" Filler Rod

Contestants will lay out a plate and using oxy-acetylene equipment to cut several holes that are checked for accuracy and quality.

Students should bring Chipping Hammers, Wire Brush, MIG pliers/side cutters, combination square, soap stone or some sort of marking tool to make lines, 25' tape measure, welding hoods, PPE associated with welding/cutting, calculators if they so choose. Also bring some style of hammer in order to help them square up plates after taking if need be.

Contestants will participate in an orientation Prior to the start of the Welding Contest.