2019 ALABAMA SkillsUSA HIGH SCHOOL WELDING FABRICATION COMPETITION

CALENDAR OF EVENTS

Contest Location: Academy of Craft Training
3500 6th Ave South
Birmingham, AL 35222

Site Host: Eric Wilson

Contest Chair: Eric Wilson
(205) 522-9567
Eric@aamachine1.com

Judges: Meyer Industries

Official Contest Dress (khaki) is required for SkillsUSA Alabama Welding Competition and at the Awards Ceremony on Wednesday April 17

Alabama SkillsUSA Welding Fabrication Contest Time Schedule April 15, 2019

Location: Birmingham-Jefferson Civic Center - East Ball Room

5:00 P. M. - Opening Session

Following Opening Session – Each contestant will be pulled aside for approximately 5 minutes to:

- Introduce themselves to the judge (1 minute)
- Give resume’ to judge
- Answer any question about resume’
- Written SkillsUSA Knowledge Test

Alabama SkillsUSA Welding Fabrication Contest Time Schedule Continued April 16, 2019

Location: Academy of Craft Training
3500 6th Avenue South, Birmingham, AL 35222
(Contestants must be punctual)

7:00 A.M. – BUS WILL BE LEAVING FROM BJCC TO ACADEMY OF CRAFT TRAINING WELDING CONTEST SITE

7:15 A.M. – Breakfast provided by Meyer Industries

7:30 A.M. – Contestants Report for Contest Orientation (Contestants must be punctual)

8:00 A.M. - Contestants Report to Assigned Stations

8:15 A.M. - SkillsUSA Welding Competition Begins
Written Knowledge Test Will be Given During Orientation Monday Night

4:00 P.M. - SkillsUSA Welding Competition Ends

**4:30 P.M. – BUS WILL BE LEAVING FROM ACADEMY OF CRAFT TRAINING WELDING CONTEST SITE TO BJCC**

**Alabama SkillsUSA Awards Ceremony - April 17, 2019**

**Location: Birmingham-Jefferson Civic Center – Concert Hall**
9:00 A.M. - SkillsUSA Alabama Awards Ceremony

**Alabama SkillsUSA Welding Fabrication Competition Content**

1. Oxy-Fuel Cutting Project (Victor Torches acetylene/oxygen will be used)
2. Shielded Metal Arc Welding Project (Lincoln C-300)
3. Welding Fundamentals Knowledge Written Test
4. Contestant Introduction of Themselves one (1) minute in length and Resume
5. Plumbers, Pipefitter, and Steamfitters will provide contest proctors, judges for contest project scoring, and Introduction of Themselves scoring
6. Lincoln Electric will provide written welding knowledge test
7. Welding Blueprints.
8. Lunches will be provided to contestants and judge’s by Meyer Industries.
1. Official Dress is Required for Skills-Alabama Welding Competition
   - Official SkillsUSA Kaki Contest Long Sleeve Cotton Shirt
   - Official SkillsUSA Kaki Contest Pants
2. Contestants must provide Welding Personal Protective Equipment (PPE) and Welding Gear.
3. Contestants must wear safety classes at all times during competition (safety violations will result in points deduction for each occurrence and/or disqualification from contest).

4. NO GUIDE DEVICES OF ANY KIND FOR OFC PROJECT
5. Permitted Tools:
   a. Chipping hammer
   b. Carbon steel wire brush
   c. Combination square
   d. Framing squares
   e. Clamps, vise grips, and squaring magnets
   f. Ball pen hammer
   g. File
   h. Cold chisel, punch
   i. Measuring tape
   j. Soapstone
   k. Welder pliers
   l. Protractor, compass
   m. Power Tools Required: Grinder w/ disc
   n. Drill with bits
   o. Wrenches to assemble project
DIRECTION TO THE ACADEMY OF CRAFT TRAINING

Academy of Craft Training
3500 6th Ave South, Birmingham, AL 35222

BJCC

1. Head north on Richard Arrington Jr Blvd N toward 22nd St N
2. Slight right toward US-31 S/26th St N/Carraway Blvd
4. Take the exit toward US-78/3rd-4th Ave S
5. Turn left onto 25th St S (signs for US-78 E/4th Ave S) 6. Turn left onto 6th Ave S
2019 SkillsUSA

Welding Fabrication Competition

Project: Welding Table:

Materials List:

• 2 x 2” angle iron (5 ft)
• ¼” plate steel (3’x3’)
• 2 x 2” x 1/8” wall square tubing (10ft)

This list contains enough material to make 1 table.

Guidelines:

• Each team must submit blueprints for table by April 8th to Eric@aamachine1.com
• Blue Prints shall have weld symbols, weld sizes, Dimensions, Bill of Material, cut list included. Attached is a generic print that can be used as a guide, this is for reference only.
• Each team will be supplied with material list above on the day of the competition
• Each team must fabricate and assemble table during time allotted on the day of the competition and will be judged/graded on correctness in accordance with blue print provided by team and completeness of the project at the end of the day. As well as contest rules.
• Judges will grade during the competition on safety and teamwork
• Teams will be required to supply their own hand and power tools and extension cords (all tools hand and power must meet manufacture and OSHA guidelines)
• Oxyfuel torches w/ gases and welding rods will be provided for each team onsite.

We are trying to simulate a “real world” experience for the student. We will provide AWS/CWI’s as judges. Blue Prints are very important, this is what CWI’s inspect to on a daily basics.