

**WCCS Welding Contest Application**  
**Application Deadline: Friday, February 21, 2020**

**If senior, check box...**

**Contestant Information: (Please Type or Print)**

Contestant Name: \_\_\_\_\_

Home Address: \_\_\_\_\_

\_\_\_\_\_

City

State

Zip Code

School Name: \_\_\_\_\_

Director's Name: \_\_\_\_\_

School Address: \_\_\_\_\_

\_\_\_\_\_

City

State

Zip Code

Advisor's Name: \_\_\_\_\_

**Email Address:** \_\_\_\_\_

**Student will compete in: TIG-MIG-OFC: \_\_\_\_\_ ARC: \_\_\_\_\_**

For questions concerning competition contact:

WCCS Competition Coordinator  
Otis Tarver (334) 876-9351  
Welding Instructor  
[otis.tarver@wccs.edu](mailto:otis.tarver@wccs.edu)

Send registration form(s) to:

ACE Registration Clerk  
[ace@wccs.edu](mailto:ace@wccs.edu)  
(Confirmation will follow receipt)

**\*Please complete an application for each contestant and return no later than Friday, February 21, 2020.**

## **WELDING VOCATIONAL SCHOOL WELDING COMPETITION**

Four contestants, 12<sup>th</sup> grade ONLY, can participate from the Area Vocational Schools that we serve. The competition is divided into two categories. First category consists of TIG Welding, MIG Welding and Oxyfuel Cutting. The second consist of Arc Welding. Two students from each school will compete in each category.

The following is an explanation of the Welding Contest:

### **Welding Contest**

#### **TIG**

1/4" X 8" Carbon steel (flat and vertical position) Lap and T joints a single pass on both side.

Note: 40 minutes time limit on TIG welding competition per student.

#### **MIG**

1/4" tee joint, 12" long. Weld a single pass in the flat position on one side and a single pass in the vertical position on the other side, using .035" wire and 75/25 gas, vertical position must be vertical up.

#### **OXY-FUEL CUTTING (OFC)**

1. Straight line cut, 6" wide using 1/4" plate.
2. Circle cut, 2" diameter hole, using 1/4" plate.
3. Square cut, 2" square hole, using 1/4" plate.

#### **ARC**

1/4" x 8" tee joints carbon steel

One tee joint 7018 root pass on one side + three filler passes on the other side (flat position)

One tee joint 7018 root pass on one side + three filler passes on the side (vertical position)

### **Area Vocational School Welding Competition**

Each student's welds are evaluated by a team of two or more judges from the welding community that we serve. The welds are visually tested in accordance with the guidelines set forth in the A.W.S. code book and students will be awarded points to determine the overall winner.

The awards will be made as follows:

**TIG-MIG-OFC**

1<sup>st</sup> Place Trophy  
2<sup>nd</sup> Place Trophy  
3<sup>rd</sup> Place Trophy

**ARC**

1<sup>st</sup> Place Trophy  
2<sup>nd</sup> Place Trophy  
3<sup>rd</sup> Place Trophy

**We look forward to seeing you on March 13, 2020.**

<b>Contest Date:</b>	<b>March 13, 2020</b>
<b>Time:</b>	<b>8:00 - 11:00 a.m.</b>
<b>Location:</b>	<b>Wallace Community College Selma</b>
<b>Department:</b>	<b>Welding</b>
<b>Awards Ceremony:</b>	<b>12:20 p.m. (Gymnasium)</b>
<b>Registration Deadline</b>	<b>February 21, 2020</b>

Instructors please note the following:

1. 12<sup>th</sup> graders only may compete. Any other grades will be disqualified.
2. All contestants are required to wear safety glasses.
3. All contestants are required to wear work boots and appropriate clothes (blue jeans and cotton shirt).
4. All contestants are to bring the following tools and supplies:
  - a. Helmet
  - b. Gloves
  - c. Cutting goggles
  - d. Chipping hammer
  - e. Wire brush
  - f. Spark lighter
  - g. Tip cleaners
  - h. Pliers
  - i. Soap stone
  - j. Measuring tape
  - k. Leather jacket (if needed)
  - l. Welding cap
5. Contestants will not be allowed to compete if they do not meet the above requirements.
6. A 10% penalty will be included on the judges' score sheet in each category for safety violations.