



CNC Turning Specialist



Contest Date(s):

April 27, 2021

(Orientation will begin at 9:00am)

Contest Type: VIRTUAL

(All contest types are listed on the website. YOU NEED TO BE FAMILIAR WITH BOTH THIS DOCUMENT AND THAT DOCUMENT.)

Submission Link(s):

Dropbox: <https://www.dropbox.com/request/IJ4XkT9vw6MtnlZ5vzst>

or

Google Drive: <https://forms.gle/CL6RgRdwNGrqrSHg6>

Zoom Contest Link(s):

<https://ohioskillsusa-org.zoom.us/j/92834683088?pwd=bHhlOUVZemtBZDIwc1VINGhHRFF2Zz09>

Meeting ID: 928 3468 3088

Passcode: 243261

PURPOSE

An upper-level CNC (computer numerically controlled) programming and machining contest. Contestants receive a part drawing and are asked to write a CNC program. Contestants will be using HAAS simulators to verify part program and will not be required to set-up and run the final part.

TESTING: No written knowledge test will be given for the 2021 contest

ELIGIBILITY:

3 contestants per region based on regional competitions, in accordance with the SkillsUSA Ohio Program Guidelines.

ORIENTATION

Con Turning Portion April 27th @ 9:00a.m

CLOTHING REQUIREMENTS

Acceptable work clothes (button short sleeve shirt and pants) and leather shoes, no sweats. Unsafe attire/actions may result in student not competing until properly/safely dressed. No school names may be displayed on any apparel.

TOOLS PROVIDED BY CONTESTANTS

- **One copy of a 1-page typed personal résumé**

(No additional tools will be permitted.)

- HAAS Simulator –.
- Non-graphing Scientific calculator or Machinist Calculator
- Machinist handbook
- Haas Programming manual printed off and not digital
- 2 pencils and paper
- Blank sheet of paper
- Camera for Zoom
- The contest information will be dropped into the chat feature in zoom during orientation. Students can then print off needed materials.
- Upon completion programs will be turned in via the Dropbox link provided



SPECIAL INFORMATION

- No smart watches or phones are permitted during the contest

The following WILL NOT be tolerated and are grounds for disqualification from the competition:

- No cellphones in the contest area.
- No contact with anyone outside of the contest area once the contest begins.
- No inappropriate communication between contestants such as verbally degrading another contestant.
- No cheating on any portion of the contest such as informing another contestant of the skills/test prior to competing.

SCOPE OF THE CONTEST

The contest will be judged based on the criteria established in the current year's National Technical Standards, which are updated annually. National Technical Standards are accessed through your Professional SkillsUSA Membership benefits by logging on to your SkillsUSA account at <https://www.skillsusa-register.org/Login.aspx>.

- CNC Programming Station on Simulator