



Regional 2020-2021 Contest Catalog

CNC TECHNICIAN (Virtual)

Contest Description

The purpose of this contest is to evaluate whether each contestant can independently plan and program jobs and provide instructions for 3-Axis Computer Numerical Control milling machine and turning center operators to execute. In addition, to recognize outstanding students for excellence and professionalism. This contest is open to active SkillsUSA members enrolled in programs with precision machining automated manufacturing or CNC as the occupational objective.

Regional Competition - Update 1/26/2021

Students **registered for** this competition will meet live over the Zoom platform on **Saturday, February 6th from 9 am to 12 noon. Resumes must be submitted to SkillsUSA California by Saturday, January 30th.**

The Technical Committee has determined that the SkillsUSA California regional events will be held as a Contest Preparation Seminar for the contestants. Here is what is being planned:

- the CNC regional conference events will be held at their originally scheduled time and date, Saturday, February 6, 2021, beginning at 9 a.m. and concluding no later than 12 noon
- the registered contestants **will still need to create their NIMS account by Friday, January 29th** (see instructions on how to create your account provided below, if your students have yet to do this)
- registered contestants will have the opportunity to familiarize themselves with the NIMS testing center, take a sample test, confirm that they have the necessary software on their laptops to participate at the State Leadership and Skills Conference (SLSC), participate in a Q&A session with the CNC

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Technical Committee Members, and may receive swag from Haas Automation for their participation in the CNC contest preparation seminar

- ALL contestants registered for and attending the regional CNC contest preparation seminars *will advance* to the 2021 SkillsUSA California State Leadership and Skills Conference (SLSC) to be held in April
 - your SkillsUSA California SLSC registration will be discounted/reduced by \$20 (the fee that had been paid for the 2021 regional conference event)
- IF your registered student competitor(s) do not attend the regional CNC contest preparation seminar, your \$20 registration fee will be refunded to the school - AND - you will not be allowed to register for the 2021 SLSC
- **No observers or advisors will be permitted to attend the seminar**

This will be a great opportunity for the contestants to receive contest updates and information directly from industry professionals (CNC Technical Committee members) so that they will be better prepared for the NIMS written exam, the 2021 SkillsUSA California SLSC practical exam and projects, and National Leadership and Skill Conference (NLSC) events.

We are here to answer any questions that you and your students may have leading up to the regional conference events, as well as clarify this change in programming that has been made by the CNC Technical Committee members. We are certain that the students will appreciate the information, updates, and also the 'swag' that they may receive from Haas Automation.

For more information, please contact Clay Mitchell at clay.mitchell@skillsusaca.org or Ashley Conger at rmanager4@skillusaca.org.

NIMs New User Account Registration - Must complete by Friday, January 29th

1. Go to www.nims-skills.org.
2. On the top right corner of the page, click Log in/Register.
3. On the right side of the page, click Create an Account.
4. Using the drop-down button, select "Candidate" (for contestants) then click

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PROCEED.

5. Complete the Registration Form. Make sure to select SkillsUSA Competition as Organization Name.

6. Once completed, review your information then click SUBMIT. You will receive email confirmation once your registration is approved.

Supplied by Contestants:

- Computer with pre-installed CAD/CAM software
- Scientific calculator
- Pencils and paper
- Machinery's Handbook (optional)
- One page Resume (SkillsUSA format, due by 1/30/21)
- Computer with high-speed internet capability and camera to use applications such as Zoom. The minimum recommended internet bandwidth speeds for joining Zoom meetings, accessing on-demand curriculum and other online operations is 2.0 Mbps up and down. You can test your current internet speeds by following this link: <https://www.speedtest.net/>. Allow the page to load and click on GO.

Clothing Requirements

Official Dress is NOT required for Regionals. Clothing must be unbranded with no words, images, or logos. SkillsUSA or SkillsUSA California attire is recommended.

Note: Check the National Contest Guidelines and/or the updates page on the SkillsUSA website and the SkillsUSA California Competitive Events page:

- www.skillsusa.org/compete/updates.shtml
- <https://www.skillsusa.org/competitions/skillsusa-championships/contest-descriptions/>
- <https://www.skillsusaca.org/competitive-events-2>

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