CNC Milling and Turning Programming & Automated Manufacturing Technology State Contest Information

DATE, TIME & LOCATION
The 2014 State Skills USA CNC Technology Contests will be held Monday, April 28th at Tulsa Tech-Broken Arrow Campus.z

Computer set-up and familiarization will be done from 12:00 p.m. 4:00 p.m. on Sunday, April 27 in the contest area. Contestants ID Badges will be handed out at this time.

Contest orientation will begin promptly at 8:00 a.m. and the contest will start at 8:30 a.m. on Monday April 28.

Resumes are required for all contests.

LUNCH
Students will be expected to remain in the contest area, but because box lunches are so expensive instructors should plan to provide their contestant(s) with lunch. i.e. brown bag or bring in. The student will also need money for drinks and snacks out of the vending machines and concession stand.

CLOTHING REQUIREMENTS
As in the past, skill contestants will be penalized for not adhering to the national clothing requirements. Contestants should not wear clothing that has school identification visible to the judges. Those contestants wearing program uniforms will need to cover all identifying patches. Proper clothing includes no watches or jewelry.

AWARDS CEREMONY
Contest winners will be recognized during the Awards Assembly at 9:00 a.m. on Tuesday, April 29th in the Arena at the Tulsa Convention Center. Official SkillsUSA attire is required. According to the SkillsUSA Championships Technical Standards, clothing requirements are as follows: "*For men:* SkillsUSA official attire: Official red blazer or jacket, black dress slacks, white dress shirt, plain black tie with no pattern black socks and black shoes. *For women:* Official red blazer or jacket, black dress slacks or skirt, with businesslike white, collarless blouse or white blouse with small, plain collar that may not extend onto the lapels of the blazer, black sheer or skin-tone hose and black shoes." Any contest winner who is not in official SkillsUSA attire will not be permitted on stage. The student will be escorted behind the stage to receive his or her medallion and awards.

JUDGES
Some judges have been identified, additional ones will be needed. If you know of an individual that could spend Monday with us in a judging role please Larry Fisher by e-mail at larryf1943@aol.com

RULES and REGULATIONS We will follow the national rules, regulations, and contest content as closely as possible.

ONLINE TESTING
Professional Development, and a general knowledge test written exam will be given online at your school site over the internet. *This will become part of the contestants overall score, it is not used to determine who goes to State contest.* Your school's testing liaison will be responsible for proctoring the tests. The testing window is from March 10 – April 22. Please see that your students take the test during this time.

MATERIALS, TOOLS, EQUIPMENT and SUPPLIES Material Required

Other Tools/Equipment:

- Pencil
- Paper
- Emergency Form
- Machinist Calc Pro Calculator
- Machinery's Handbook, or Shop Reference for Students and Apprentices
- Power strip
- **USB flash drive with a min. 2GB of memory**

Automated Manufacturing only:

- A color printer or plotter
- One Computer for CAD (Administrators rights required)
- One Computer for CAM (Open Ethernet connection and USB port required)
- One Spare computer that could be used on either. Just in case one goes down.
- Pencil
- Paper
- Emergency Form
- Machinist Calc Pro Calculator
- Machinery's Handbook, or Shop Reference for Students and Apprentices
- **USB flash drive with a min. 2GB of memory**

~ You must bring the licenses or hardware lock for the software that will be used ~
*Any other tools you think you might need.

CNC Milling and Turning Programming State Contest Agenda

Sunday, April 27, 2014
12:00-4:00 p.m. Set-up Tulsa Tech-Broken Arrow Campus
4:00 p.m. Optional familiarization meeting

Monday, April 82, 2014
8:00 a.m. Judges orientation, Contest area
8:15 a.m. Contestant orientation, Contest area
8:30 a.m. Programming Contest Begins
11:30 a.m. Lunch
12 Noon Inspection Stations
2:30 p.m. Contestants turn in documents
Clean up area
3:15 p.m. Judging begins

Automated Manufacturing Technology

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