

CNC Milling

Purpose: An upper-level CNC (computer numerically controlled) programming and machining contest. Contestants receive a part drawing and materials and are asked to write the CNC program, set up the machine and produce the part. Only the final part and safe working practices, not the CNC program, are evaluated.

Clothing: 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.

Contestants: 3 Contestants per Region

Tools to be provided by contestants: (No additional tools will be permitted.)

A computer with the capability of installing the programming module through USB input. Bob Kelly (contest coordinator) will install on arrival at fairgrounds.
Powerstrip with 25' extension cord
2 - #2 pencils

Scope of the Contest

The contest will be judged based on the criteria established in the 2010 SkillsUSA Championships Technical Standards.