CNC 2-Axis Turning Programmer

Date	Friday, March 13, 2026	**Orientation Time**	8:00 a.m. (CLOSED to instructors)
Location	C-TEC of Licking County 150 Price Road Newark. OH	**Contest Time**	Immediately following orientation (CLOSED contest)
Scope of Contest	This competition will assess the ability to program CNC turning centers, interpret prints (including GDT), and measure/gauge parts. Competitors also will demonstrate theoretical knowledge of CNC machine configuration, setup, and operations. **The use of generative Artificial Intelligence (AI) is strictly prohibited and will result in an automatic disqualification of the contestant.**		
Testing	No		
Eligibility	2 contests per building IRN (chapter)		
Clothing	Clothing Competition Guide: CLASS D		
Provided by Contestant	• Professional Resume - Typed Hardcopy • Emergency Medical Forms (Contestants must have this to compete) • Contestants should bring their own laptop, but must come with either the 2023, 2024, or 2025 version(s) of Mastercam software or Autodesk Fusion 360 installed and operational. • Safety Glasses • G&M Handbook (Optional) • Machinery Handbook (Optional) • Non-programmable calculator • Blank note paper • Two pencils • Verification of Tool Training and Safety (Contest Specific See forms on SkillsUSA Ohio Web site • **Provided at site:** Hard copy of Haas CNC Mill and CNC Lathe reference manual to use during contest, plain paper for notes and calculations on contest, WiFi/Internet. Computer if you are unable to bring your own. Please let contest site know if you need a computer.		
Contest Standards	**Contest Skilled Performance Standards** **CNCT 1.0 -** Process Planning: Formulate strategies to turn parts **CNCT 2.0 -** Modeling: Create and/or modify solid models	**Aligned ODEW Manufacturing Career Field Technical Content Standard Outcomes** **Outcome 6.9** Computer Numerical Control (CNC) **Outcome 6.1** Measurement and Interpretation **Outcome 6.2** Layout and Planning **Outcome 6.5** Turning	

	CNCT 3.0 - Toolpath Creation: Create toolpaths to turn parts	Above Outcomes can be found in the following ODEW courses: 176005 Machining with Industrial Lathes 176007 Computer Numerical Control Technology with Industrial Mills and Lathes