

TOOL LIST

2023 SkillsUSA North Precision Machining Contest

Friday, April 14, 2023

Cuyahoga Valley Career Center 8001 Brecksville Road, Brecksville, Ohio

Machine Technology Lab

Lab will open at 7:30 AM. REGISTRATION 8:00 – 8:30 AM

Machine and Lab Familiarization 8:30 – 9:00 AM Contest 9:00 – 2:00 PM Break for

Students must bring the following items:

Pencil and Paper

Safety Glasses

Hard Sole Shoes

Calculator (student preference) (no cell phone)

Work pants or Jeans (no holes, no wind suits, no sweat pants)

Work Shirt, (may wear lab coat, smock, or apron) (no identifying names or logos)

No Large Tool Boxes Needed and Will Not Be Allowed Near Machines

Students may bring the following items: (not required but may prefer personal measuring tools)

6 inch caliper

0-1 micrometer

1-2 micrometer

0-1 depth micrometer

Reference Materials, handbooks

CVCC will supply all machine tooling and accessories for machining part to include:

Edge finder

Parallels

Wrenches and Hex keys

Center gage and radius gage

Scriber

Center drills

Drills

Endmills (HSS)

Counter sinks

Hammer and Dead Blow Mallets

Facing, Threading, Grooving, and Turning Tools (Carbide Insert Tooling)

Cutting fluids and Shop Towels

Informational Meeting 3-16-2023 CVCC Machine Technology Lab 12:00 PM. Open to Instructors, Industry Partners, Advisory Members. Discussion on Judging and helpers. Agenda for machine rotation will be based on number of contestants.

CUYAHOGA VALLEY CAREER CENTER
8001 BRECKSVILLE ROAD, 44141

