

**Franklin County CTC  
District V Competition  
February 16, 2009**

**Contest: Precision Machining**

**Contest Chairperson: Jim Olson**

**Phone: 717-263-9033 Extension 252**

**Email: jolson@franklinctc.com**

**EACH CONTESTANT IS REQUIRED TO SUBMIT A RESUME**

**Clothing and Safety Equipment Requirement:**

All pants must be tightened at the waist and free of holes. Shirts cannot have any writing and/or graphics.

Leather Work Boots

Safety Glasses

**Scope of Contest:**

1. Lathe set-up and operation
2. Vertical Milling Machine Set-up and Operation
3. Pedestal Grinder Operation
4. Blueprint Reading and Inspection

**Equipment/Tools/Materials Provided by the Host School:**

13" South Bend lathe

Series I Bridgeport Vertical Mill

Pedestal Grinder

Surface Plate

**Equipment/Tools Provided by Contestant:**

6" Steel Rule

3" Steel Rule

6" Vernier Dial Caliper

0-1" Micrometer

1-2" Micrometer

Small Mill File

5/16" Sq. Right Hand Turning Tool

5/16" Sq. 60 Deg. Threading Tool

5/16" Sq. 3/16" Wide Necking Tool  
5/16" Sq. Tool Blank  
Allen Wrench Set

**Other Equipment:**

**No cell phones or two way radios are permitted. If a contestant is found to have either in their possession he/she will be disqualified.**

**Special Instruction and Notes:**

It is impossible for the host school to list all tools you may have instructed your students to use when performing certain tasks. Feel free to bring additional tools you feel you may require to work on the project as mentioned in the Scope of Contest.

**The host school and judges reserve the right to check all tool boxes and/or tools or materials prior to the contest. Any tools that they feel will give the contestant (in their opinion) an unfair advantage will not be permitted.**