**DRAFTING 1**

State Contest Only

**Eligibility**

Open to those student-members who are currently enrolled in Drafting level 1, or who have had Drafting level 1 but have not taken any Drafting course above level 1.

**Clothing Requirements**

Official SkillsUSA white polo shirt, Black dress slacks (accompanied by black dress socks or black or skin-tone seamless hose) or black dress skirt (knee-length, accompanied by black or skin-tone seamless hose), Black leather closed-toe dress shoes

**Overview:**

A CAD problem will be developed to be consistent with the NC Drafting I curriculum. The objective of this contest is to test the contestant's knowledge of drawing standards, one's problem­solving abilities, and the skills associated with their chosen CAD software.

Each participant will create a fabrication drawing of the Guide Block given.

# Contestants should be able to:

1. Use the pictorial drawing provided to create a full scale multiview drawing that best describe the Guide Block's true shape and size.
2. Isometric or perspective views for this part of the contest are NOT required.
3. Dimension the views according to ANSI standards. Provide only the dimensions and annotations that best describe the part's size and location of features.
4. Provide a half inch border around a "B" size drawing sheet (11" x 17").
5. Provide a one inch square to place your contestant's number in the lower right corner of the border.
6. Save your work often.
7. When finished, save your work as an IDW, DWG or PDF formatted file for judging.

# Evaluation Criteria:

# Problem Solution & CAD Setup 400 pts

# Dimensioning & Annotations 500 pts

# Border & Tile Information 50 pts

# Layout & Balance 50 pts

# Resume Penalty - 10 pts

# Clothing Penalty - 50 pts

# TOTAL POINTS 1000 pts