**DRAFTING 1**

State Contest Only

**Purpose**

To evaluate each competitor’s preparation and to recognize outstanding students for excellence and professionalism in the field of drafting.

**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.

**Equipment & Materials –**

**Provided by the Technical Committee**

1. Tables & chairs
2. Access to Power

**Provided By the Contestant**

1. Computer / Laptop with CAD software of choice already installed. NOTE: If using school-based software, please check with your IT department prior to the competition to ensure that software is accessible away from school.
2. Power strip with surge protector
3. A USB file storage drive to save your CAD drawings on which will be labeled with your contestant number when you arrive at the contest location.
4. Pencil
5. All competitors must submit a **resume**
6. All competitors must submit the **LEVEL 1 / BEGINNER CONTEST VERIFICATION FORM** found in the Conference and Competition Packet and on the skillsusanc.org website.

**Prohibited Devices**

Cellphones, electronic watches and/or other electronic devices not approved by a competition’s national technical committee are ***NOT*** allowed in the competition area. Please follow the guidelines in each technical standard for approved exceptions. Technical committee members may also approve exceptions onsite during the SkillsUSA Championships if deemed appropriate.

**Penalties for Prohibited Devices**

If a competitor’s electronic device makes noise or if the competitor is seen using it at any time during the competition, an official report will be documented for review by the Chairperson. If confirmed that the competitor used the device in a manner which compromised the integrity of the competition, the competitor’s scores may be removed.

**Clothing Requirements**

* White polo shirt
* Black dress slacks or black skirt
* Black leather closed-toe dress shoes.

**Overview:**

A written test, pictorial sketch and CAD problems 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, problem­solving abilities, and the skills associated with their chosen CAD software.

# Contestants should be able to perform the following:

1. During the orientation, provide a border around an “A” or "B" size drawing sheet. Create a title block to fit the specifications required by the contest directions and fit that title block to the border on the sheet size specified. Save the file in PDF format on a USB drive labeled with your contestant number.
2. On the main contest day, given a multi-view drawing, create a pictorial (isometric, oblique or perspective), hand-drawn sketch of the item.
3. Use pictorial drawings provided to create a full scale multi-view drawings that best describe the objects’ true shapes and sizes. Isometric or perspective views for these parts of the contest are NOT required but can be provided.
4. Dimension the multi-view drawings according to ANSI standards. Provide only the dimensions and annotations that best describe the parts’ sizes and locations of features.
5. Save your work often.
6. When finished, save your work as a PDF formatted file on the sheet drawn in numbers 1 and 2 above and submit on a USB drive labeled with your contestant number for printing and judging.