

2022 Technical Contest EQUIPMENT

The problem can be done on:

- Drafting Board
- 2D CAD
- 3D CAD

Whichever one you choose, just be sure you have the equipment and software to produce the solution. Students are encouraged to bring reference material to the contest. This could be anything from textbooks, Architectural Graphic Standards to software. It is my goal and that of the Judges, that the most qualified student will be selected from this contest, with no aspects of the selection being based on a particular career center or instructor. The contest will measure the proficiency of the individual, which is the most important element of SKILLS USA.

In addition to computers and software, the student **MUST** to bring with him or her to the contest the following:

NOTE:

- Drafting tables with mechanical arms or parallel bars will **NOT** be provided at the contest facilities location.

1. **Engineering Scale**
2. **Extension Cord, at least 30' in length**
3. **Surge Protector** (with minimum 6 outlet capacity)
4. **Flash Drive**
5. **Ether Cord**
6. **Paper, Pencil and Eraser:** (C size if you will be drawing by hand on a table)
7. **T-Square** (if you will be drawing by hand on a table)
8. CAD Templates
9. Mechanical Templates
10. Calculator
11. Paper, Pencil and Eraser
12. Machinery Handbook and other published technical drafting books and tables

NOTE:

- Extras of items 1 thru 11 will **NOT** be available to borrow from others at the venue
- "Printing" We will use either the CAD programs method or PDF (save as) at The time of printing.
- Your files will be named as your contestant number in the nomenclature
- The file must have your number separated by a dash if more than one drawing is used in the naming structure.

Example for Contestant # 3:

- T03-200101-01
- T03-200103-02