**DRAFTING SKILLS CONTESTS**

Contest Update

2022

The SkillsUSA State Drafting Skills Contest will be at Del Mar College this year.

 Del Mar College West
 4101 Brownsville Road
 Corpus Christi, TX 78404

Del Mar College has computers you can use (see computer information for your contest) or you can bring your own.

Please Email: bklepac@delmar.edu and copy dcwhittenburg@gmail.com if you are planning to bring your own computer so we can make sure to have room for it. Tell him which contest your student is in.

**Make sure to read the Nationals Regulations and Texas Regulations for your contest.**

Projects will still be at the ABC = American Bank Center. See the State Agenda for information.

For questions please contact D.C. Whittenburg at dcwhittenburg@gmail.com.

**Personal Desktop or Laptop Area.**

**Location: Del Mar College**

**Building:  General Purpose Building West Campus**

**Room: GP 212 or 214**

**The Technical Drafting Innovation studio can house approx. 15 to 20 laptops or desktop computers.**

**If you are bringing your own laptop or Desktop we will need to know prior to coming so that we can set up power options. You must bring your own power bar (Surge Protector with a min of a 6 ft cord).**

**Note: While we strive to have working computers, Hosting Center cannot be held responsible for malfunction and or missing contestant files. If a computer Malfunctions we will replace computer as quickly as possible.**

 **Setup and Orientation for the following Contest Architectural Drafting, Technical Drafting, AutoCAD Civil Design and Mechanical Drafting:**

 **Location: Del Mar College**

**Building:  General Purpose Building West Campus**

**Room: In Contest Rooms**

**Friday, April 1, 2022
Setup Time: 8:00 AM**

**Orientation Time: 9:00 AM**

**Clothing Requirements:**

Per the National Regulations and Texas Regulations

* For men:
	+ Official SkillsUSA white polo shirt with black dress slacks, black socks and black leather shoes.
* For women:
	+ Official SkillsUSA white polo shirt with black dress slacks or knee-length skirt, black socks or black or skin-tone seamless hose and black dress shoes.

**Architectural Drafting Contest**(1st and 2nd Place District Winners will compete in this Contest)

**Location: Del Mar College**

**Building:  General Purpose Building West Campus**

**Room:** **212**

**Friday, April 1, 2022
Time: Right After Setup and Orientation**

**Architectural Drafting (Equipment and Materials)**

**Computer Information:**

Del Mar College has fifteen (15) Computers with AutoDesk Revit 2022 on them, or you can bring your own Laptop or computer, monitor, input devices, CAD program of choice and a multi-receptacle power strip.

**Supplied by the contestant**

* Removable data device *(Flash Drive).*
* Be able to save the problem as a .pdf file format.
* School-owned computers **must** be set up to operate the CAD software independent of the school's network.
* Contestants are encouraged to bring published reference materials. The materials cannot be shared with other contestants nor exceed one cubic foot of space. *(ARCHITECTURAL GRAPHIC STANDARDS is a recommended reference).*
* Personal drafting supplies *(i.e. scale dividers, pencil, eraser, and/or other layout devices)*.
* **A one-page résumé** *(résumé will be collected at the contest orientation session).*

**Technical Drafting Contest**(1st and 2nd Place District Winners will compete in this Contest)

**Location: Del Mar College**

**Building: General Purpose Building West Campus**

**Room: 214**

**Friday, April 1, 2022
Time: Right After Setup and Orientation**

**Technical Drafting (Equipment and Materials)**

**Computer Information:**

Del Mar College has fifteen (15) Computers with AutoDesk Inventor 2022 on them, or you can bring your own Laptop or computer, monitor, input devices, CAD program of choice and a multi-receptacle power strip.

 **Supplied by the contestant**

* Removable data device *(Flash Drive).*
* Be able to save the problem as a .pdf file format.
* School-owned computers **must** be set up to operate the CAD software independent of the school's network.
* Contestants are encouraged to bring published reference materials. The materials cannot be shared with other contestants nor exceed one cubic foot of space. *(MACHINERY’S HANDBOOK is a recommended reference).*
* **A one-page résumé** *(résumé will be collected at the contest orientation session).*
* MACHINERY’S HANDBOOK (By Erik Oberg, Franklin D. Jones, Holbrook L. Horton, and Henry H. Ryffel)
Pub: Industrial Press New York, New York ISBM 978-083112801-2
The above is the preferred reference book to bring to contest.
You may bring this and/or other references as a published book, or as a PDF file on your system, or on a CD disk, or on a standalone flash-drive (not the one you will use for plotting)

**AutoCAD Civil Design Contest**(1st, 2nd and 3rd Place District Winners will compete in this Contest)

**Location: Del Mar College**

**Building: General Purpose Building West Campus**

**Room: GP210**

**Friday, April 1, 2022
Time: Right After Setup and Orientation**

**AutoCAD Civil Design (Equipment and Materials)**

**Computer Information:**

You are required to bring your own Laptop or PC-type computer, monitor, input devices, CAD program of choice and a multi-receptacle power strip for this contest.

**Supplied by the contestant**

* Laptop or computer, monitor, input devices, a multi-receptacle power strip, AutoCAD program or CAD program of choice.
* Removable data device *(Flash Drive).*
* Be able to save the problem as a .pdf file format.
* School-owned computers **must** be set up to operate the CAD software independent of the school's network.
* Contestants are encouraged to bring published reference materials. The materials cannot be shared with other contestants nor exceed one cubic foot of space.
* **A one-page résumé** *(résumé will be collected at the contest orientation session).*

**Mechanical Drafting Contest**(1st, 2nd and 3rd Place District Winners will compete in this Contest)

**Location: Del Mar College**

**Building: General Purpose Building West Campus**

**Room: 205

Friday, April 1, 2022
Time: Right After Setup and Orientation**

**Mechanical Drafting (Equipment and Materials)**

**Equipment Information:**Del Mar College, has Drafting tables but, you still need to bring your supplies.

**Supplied by the contestant**

* Typical personal drafting equipment and supplies desired for traditional drafting.
* Contestants are encouraged to bring published reference materials. The materials cannot be shared with other contestants nor exceed one cubic foot of space.
* **A one-page résumé** *(résumé will be collected at the contest orientation session).*