

Architectural Drafting



Purpose: To evaluate each contestant's preparation for employment and to recognize outstanding students for excellence and professionalism in the field of architectural drafting

<p>Contest Location</p>	<ul style="list-style-type: none"> ▪ A113/114/115 ** Contest in A, B, C or D Hall will not be able to leave for lunch, please select "Contestant Plus" when registering or having contestant prepared to purchase lunch with credit card at vendors in the Exhibit Hall.
<p>Special Notes</p>	<ul style="list-style-type: none"> ▪ Exhibit Halls do not open to observers until 12:00 pm. ▪ No smart watches and/or phones are permitted during the contest. ▪ No contact with anyone outside of the contest area once the contest begins ▪ No inappropriate communication between contestants such as verbally degrading another contestant ▪ No cheating on any portion of the contest such as informing another contestant of the skills/test prior to competing.
<p>Testing</p>	<ul style="list-style-type: none"> ▪ This contest may have a written knowledge test.
<p>Eligibility</p>	<p>This contest has a regional qualifier, the top 3 medalists from each region will qualify for State Championships.</p>
<p>Clothing</p>	<p><u>Business Dress Casual</u> –</p> <ul style="list-style-type: none"> • 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-ton seamless hose). • Black leather closed-toe dress shoes. • School name, contestant name and logos must be covered. <p>OR</p> <p>Business attire; NO school names may be displayed on any apparel.</p>

Provided by Contestant (Tool List)	CAD Tools (to be supplied by contestant) <ul style="list-style-type: none">• Hardware: PC-compatible CAD workstation or laptop including:<ul style="list-style-type: none">○ Pre-loaded CAD software (see#2below)○ Monitor(s)○ Input device (mouse or digitizer)
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	<ul style="list-style-type: none"> ○ USB port ○ 25' UL approved extension cord ○ Surge protector outlet strip ○ Optional: security cable if equipment is brought in early Note: Contestants bringing any hardware other than PC compatible (i.e. MAC, etc.) should notify Tammy Plotts or contact coordinator ASAP so plotting issues can be addressed prior to contest.2. ● Software: <ul style="list-style-type: none"> ○ Software will be the choice of the contestant and must be pre-loaded on the CAD workstation brought to the contest. ○ There will be no limitations on the use of "Architecturally specific" software "add-ons" (i.e. symbol or object libraries, custom programs, etc.) Note: Contestants using software other than AutoCAD (i.e. Microstation, ArchiCAD, Revit, etc.) must make their own arrangements for technical support at the contest and should notify Ohio SkillsUSA ASAP. ○ Students will be allowed to use the software's User Guide for reference. Internet access will not be available to access online Guides. <p>General Tools (to be supplied by contestant)</p> <ul style="list-style-type: none"> ○ Architectural Graphics Standards for reference ○ No propriety material, personal notes, charts, tablets, etc. are permitted. Reference materials may not be shared between contestants. ○ Five sheets of clean white 8-1/2" x 11" scratch paper ○ Pen and 2 sharpened #2pencils <p>**Plotting note: Students must be able to plot to a PDF file (the completed CAD drawing must be plot ready on a sheet(s) and converted to PDF and submitted via). Configure CAD software to use a PDF creator. Several free PDF creators are available, such as www.cutepdf.com. Students must install and test this procedure prior to the contest to assure completed documents may be</p> <p>**Plotting note: Students must be able to save from their computer to the coordinator's USB Drive. Coordinator and judges will view the DWF file. Note: All contestants must bring their own computer hardware. Contestants from the same school will not be able to share a computer in the contest.</p>
<p>Competition Standards</p> <p>(Not all will be tested but contestant should be knowledgeable of all)</p>	<p>Please refer to the National Technical Standards</p>
<p>Resume</p>	<ul style="list-style-type: none"> ▪ In conjunction with National Standards, violations may result in student loss of contest. ▪ All SkillsUSA Ohio State Championship Contest will require a short interview component. Students should be prepared with basic job interview skills.

