



Architectural Drafting

Career Competition

Career Cluster: Architecture and Construction

State Qualifying Exam: Yes

National Contest: Yes

Participation: Individual

Competition Description

Competitors are to use their drafting skills and knowledge to produce an architectural drawing PDF sheet set. To test competitor’s 3D visualization ability there will be a problem requiring sketches. We will also test competitor verbal skills though and interview process and multiple-choice test to test their knowledge. These problems are created to evaluate the competitors’ skills and knowledge to perform in an architectural drafting position.

Tasks To Be Evaluated

Competitor will be evaluated on two sketches, quality of drawings created for given problem, knowledge of drafting by multiple choice test, and verbal communication though interview.

Clothing Requirement

National Requirement:

Class E: Competition Specific: Business Casual Attire

- Official SkillsUSA white polo shirt
- Black dress slacks or black dress skirt (knee-length minimum)
- Black, closed- toe dress shoes.

State Requirement:

National Requirement OR

- White polo shirt or button-down dress shirt (other colored polo/dress shirt will be subject to deductions)
- Black dress slacks or black dress skirt (knee-length minimum)
- Black, closed-toe dress shoes.
- Any embroidered names or school patches must be covered, if applicable.

Additional Information

Tasks will be given an overall time frame in which competitors must manager their time to complete all task given. We require AutoCAD or Revit (2021 or newer preferred) software as these are industry standards, hand drafting will not be allowed.

Provided by Competitor

- Computer & monitor with AutoCAD or Revit software preloaded.
- Pencils/pens for sketches

Provided by Technical Committee

- Table and chair workstation
- Power outlet at workstation
- Paper for sketches
- Design problem
- USB drive containing competition documents. (to be returned to judges with drafting solution for judging).