



SkillsUSA Florida Championships 2021

PREPARING FOR THE CONTEST

Introductory Information

This document serves as a supplement to the official SkillsUSA Technical Standards found online at absorb.skillsusa.org to be used to prepare for state-level virtual competitions. State-level contests will follow the "Standards and Competencies" outlined in the official SkillsUSA Technical Standards (Virtual). Contestants and instructors should review the contest's Technical Standards as a first step in preparing for a competitive event.

Any information contained in this document applies to state-level competitive events only. Download and review the State Virtual General Regulations at skillsusafl.org/state-conference for more information regarding virtual contests. The list of supplies and materials outlined below is subject to change; updates will be posted to our website on the contest updates page.

SkillsUSA Professional Members (advisors and teachers) can access the standards through SkillsUSA Absorb (absorb.skillsusa.org). To join as a Professional Member visit bit.ly/skillsusa-prof.

Clothing Requirements

Because of the nature of virtual competitions, official SkillsUSA competition clothing is not required, but is encouraged. Students may also compete in trade-appropriate attire if official contest attire is not available. Alternatively, competitors may dress in business attire. See State Virtual General Regulations for more information.

Class E: Contest Specific - Business Casual

- 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 tone seamless hose)
- Black leather closed-toe dress shoes

Supplies and Materials

Contestants will need the following for the contest:

- 1:1 device (laptop or computer/monitor) for each contestant with camera, microphone and internet connection of at least 2 Mbps up/down
- Filming Device
A device to complete a video recording. This may be a laptop, phone or other device with support devices like a tripod, microphone, etc. Preferred file format is MP4.
- 1-page resume for each team member in PDF format
- Phillips and flat screwdrivers (#1 and #2)
- Precision (small) screwdriver set
- Drill motor / wood drill bit
- Multimeter

- Cable tester (Network / Coax)
- Laptop computer
- Measuring tape
- RJ11/RJ45 crimpers
- Coax compression tool (BNC, F&RCA)
- Coax strippers
- High gauge wire strippers (20-25 AWG)
- Diagonal cutters (small)
- Needle-nose pliers (small)
- 12" level
- Drywall saw
- Zip ties
- Fish tape / glow rods
- Stud finder
- Safety glasses
- Additional supplies and materials may be required. Contest supply and materials lists will be posted on the Contest Updates page by March 1.

SkillsUSA Florida will provide the following for the contest:

- Contest prompt and information
- Contest Prep Box, with materials needed for the contest like stopwatch, measuring tape, and large face digital clock that must be used in pre-recorded videos
- Meeting links and upload information

Local Proctor Information

A local contest proctor (non-advisor/program instructor) must be present for the recording of the contest. The proctor should review the technical standard, this document and the state contest which will include an integrity statement containing additional information for the proctor.

Once the contest is complete, the contestants, chapter advisor and onsite proctor will sign-off on the integrity statement. Additional contest proctor information can be found on our website.

Advisor Information

An advisor or instructor must be present for the duration of the competition to ensure safety and conduct standards are upheld. Advisors will not participate in judging or interfere in the contest, except in the event of safety or conduct violations, or equipment malfunction. Any communication between students and their advisors during the contest will result in disqualification.

CONTEST INFORMATION

Knowledge Performance



This contest includes two multiple choice knowledge assessments. Instructions and credentials to complete these assessments will be provided when the contest window opens. These assessments should be completed under the supervision of the contest proctor.

- **Internet of Things Assessment** –
Based on the standards and competencies as outlined in the Technical Standards.
- **Professional Development Career Readiness Assessment** –
Assesses preparedness to enter the workforce as defined by the SkillsUSA Framework which identifies skills that are essential for success in the workplace and life.

Skill Performance

The skills performance event assesses the ability of the contestant to install, maintain and troubleshoot a variety of devices encountered in a residential setting.

Contest Guidelines

This contest will follow the standards and competencies outlined within the SkillsUSA Technical Standards. Students will be required to install, configure, set up, and troubleshoot a variety of smart home devices. The contest prompt will provide details on the scope and nature of tasks to be completed.

Students will be provided a scenario regarding a customer with a new smart home system. They will be provided information regarding the complaint, the type, brand and specifications of

equipment, and any other important information. This activity will be performed live or will be pre-recorded and submitted.

Contest information, including additional supplies, equipment and materials and contest requirements will be available by March 1.

A contest proctor will be required for each recording and live session. Recordings must be setup, started, monitored and stopped by the contest proctor. The camera must be setup in such a way as to show all materials and a clear workspace. The contestant and large face digital clock should be always visible in the recording. The recording must be unedited (continuous) to ensure no outside help was provided.

Additional files may be required to be submitted. These requirements will be outlined in the state contest prompt.

The contestant will not mention their name, school, city or state. Basic safety practices related to the skill performed must be followed.

SUBMISSION REQUIREMENTS

The following needs to be uploaded by the deadline. No late submissions will be accepted.

- Statement of Assurances: PDF file (*Upload by April 1)
- Resume: PDF file (*Upload by April 1)
- Contest submission files: various
- Integrity Statement: PDF file