



Robotics and Automation Technology
State Championships 2021

Review Technical Standards

This contest will follow the “Standards and Competencies” outlined within the SkillsUSA Technical Standards (virtual). Review the contest’s technical standards prior to competing.

Complete the Contest Submission

Skill Demonstration

This contest will require a video to be submitted. You will submit a five-minute video of you presenting an occupational skill accompanied by a clear explanation of the topic through the use of examples, experiments, displays or practical operations related to the occupational program of the contestant. The video must be submitted unedited and completed in a single take.

Before starting your presentation, display your 3”x5” card in full, clear view for 10 seconds. Time will be started when your demonstration begins. A local proctor can keep time. Only you should speak during the contest; the proctor and other observers should be silent.

The demonstration is an individual performance; however, models or assistants may be used in the demonstration but will not say or do anything that assists the demonstration except serving as a model.

Any visual aids are to be prepared by contestants. No sound devices may be used to transmit audible words, sound or music. Notecards and other reference materials are not permitted. Do not mention your name, school, or city. Basic safety practices related to the skill performed must be followed.

Submit Contest Submission

Submit the following:

1. A 5 minute video of a contest correct rule compliant robot functioning and operated by its creators
2. A digital version of their engineering notebook scanned and presented.
3. A completed written test that I have developed for each contest.