

SkillsUSA Technical Drafting State: Remote Competition Proposal

The following are suggestions for how to run the 2021 SkillsUSA State Technical Drafting competition. This was developed by the contest chairs and the state gold medalist's advisor from 2019 (the last time we had a state competition). This is a "first draft" and changes could be made as the competition date approaches. However, we feel this is a good starting point that addresses many concerns that contestants and advisors might have.

Prior to Date of Competition:

- The maximum number of contestants will be kept at roughly the same size as in previous years. This is approximately 24 secondary and 6 post-secondary students. Based on feedback from schools' intent to compete, we can determine if there will need to be a limit from each SkillsUSA Region or a limit from each school (with a direct-to-states model).
- A video or PowerPoint tutorial will be created and shared with all contestants and their advisors. It will go through how the contest will operate on the day of the competition.
- After receiving the tutorial, a practice problem will be sent to all contestants and their advisors. It will have contestants set up and complete a simple problem that will mirror all of the work, CAD and technology requirements for the day of the competition.

Day of Competition:

- All contestants will be expected to work on the problem at the same time for the same duration.
- Each contestant will have access to a Google Classroom site that is set up for Technical Drafting contestants, advisors, contest coordinators and judges. At this site, all needed information will be accessible to contestants and this site will be used to communicate with contestants during the competition.
- There will be a written test that students will need to complete prior to the CAD portion of the competition. This will be done through a Google Form on the Google Classroom site.
- Each competitor will have to set up their own ZOOM meeting and invite the contest coordinators. Each competitor should share their screen for the duration of the contest and each competitor should have a second camera (or cellphone) that shows themselves and their environment.
- If face-to-face learning is permissible at the time of the competition, contestants should compete in the school/classroom they attend with a representative from the school proctoring the event.
- Contestants will have to upload their final project (probably as a .pdf file) onto the Google Classroom site at the end of the competition.

After the Competition:

- Each judge will have access to all of the contestants' work. They will have a scorecard and can tabulate a total for each contestant. They will have a few days to complete their individual judging.
- After the individual scorecards have been completed, all judges will confer through a ZOOM meeting, with contest coordinators monitoring, to determine the final rankings.
- Results will be announced or sent to the state headquarters after this ZOOM meeting.