

SkillsUSA Maryland State Championship 2023 Additive Manufacturing Contest Update

To best simulate the SkillsUSA national competition, the 2023 SkillsUSA Maryland Additive Manufacturing state contest will be held as a multi-day event with both remote and in-person components.

On Tuesday, **March 21, 2023, 8 a.m.**, a contest update will be posted to the State Conference page (just like this update) allowing teams access to the design challenge. Teams will then have one day to complete their design of the device that they will 3D print for this challenge. **NOTE: No late submissions will be accepted.** Once the team submits their design, no further changes can be made to their device.

The completed design submissions from the team **MUST** include:

- Fully-dimensioned technical drawing sheets, developed in CAD, that are submitted as PDFs

The completed design submissions from the team may also include:

- Optional hand sketches or other design documents that the team created. **NOTE: There are no points awarded for optional sketches or documents. This is solely for the purpose of aiding the judges' understanding if the team believes such documents are helpful.**

All design documents must be **RECEIVED** as email attachments and timestamped no later than Wednesday evening, March 22, 2023, 5:00 p.m. This allows teams approximately 24 hours to finalize their design. Teams can resubmit design revisions as long as the 5:00 p.m. deadline has not expired. **NOTE: Teams are encouraged to practice efficient time management and not wait to the last minute to submit their design.**

Student teams will have the remaining time before the Friday, March 24, 2023, competition to 3D print the design they submitted to the judges. Teams are welcome to work on 3D printing the physical model at school or at another location. All 3D printed models for this contest must be made from ABS model filament.

Teams should arrive at the Maritime Conference Center with their printed assembly or device for the in-person portion of this contest, Friday evening, March 24, 2023, contest will begin at 7 p.m. Teams will demonstrate the function of their device in the performance evaluation section of the contest. That evening, both team members will also participate in a team interview with a judging panel.

Email required design documents by March 22, 2023, 5 p.m. to: info@jbtechnicalolutions.com

Best of luck to all competing teams!

Contest Chair: Mr. Josh Brown, Owner – JB Technical Solutions, Waynesboro, PA

(see jbtechnicalolutions.com)