



Additive Manufacturing

April 18, 2026

2026 SkillsUSA Maryland State Championship

Competition Update 04/02/26

To best simulate the SkillsUSA national competition, the 2025 SkillsUSA Maryland Additive Manufacturing state contest will be held as a multi-day event with both remote and in-person components.

Remote Portion of Competition:

- **Design Challenge:** Will be posted on Monday, April 13, 2026, at 8 a.m. on the State Conference page.
- **Initial Design Submission:** Due by Wednesday, April 15, at 5 pm. See Posted Design Challenge for all other information regarding initial submission requirements.
- **Design Adaptation:** After the initial submission, a change to the project specifications will be issued to the team. Teams will have an additional day (depending on timing of initial submission) to revise, test, and complete their design. Please provide preferred contact information (if different from submission contact) at time of initial submittal to receive design adaptation information in a timely manner.
- **Final Design Submission:** Due by Thursday, April 16, at 5pm.

All design documents must be received as email attachments and time-stamped no later than Thursday April 16, at 5 pm. This allows teams approximately 24 hours to finalize their design. Teams can resubmit design revisions as long as the 5pm deadline has not expired.

All emailed submissions will be sent to the contest chair at: jpbrown@jbtsinc.com

NOTE: Teams are encouraged to practice efficient time management and not wait until the last minute to submit their design.

Teams will have the remaining time before the competition on Saturday, April 18, 2026, to 3D print the design(s) they submitted to the judges. Teams are welcome to work on 3D printing the physical model at school or at another location. The 3D printed models may use the following filament types: PLA or PETG.

In-Person Portion of Competition:

This contest will be facilitated at Westminster Highschool on Saturday, April 18, 2026.

Schedule (subject to change):

- 8 am – 8:30 am Contestant Orientation
- 8:30 am – 10:30 am Presentations
- 9am – 12 pm Performance Test
- 12 pm – 1pm lunch break
- 1pm – 2pm Continue Performance Test (if required)

Resume:

Contestants will provide a current resume for review. Hand all resumes to the competition chair during the contestant orientation.

Presentations:

Teams will provide the judges with their Design Notebooks and give a presentation of their design(s) and their finished part(s).

Performance Test:

Teams will complete the assigned task(s) per the Design Challenge utilizing their printed part(s) to accomplish the assigned tasks and will be scored based on the performance of their design.

Any questions should be directed to the contest chair at: jpbrown@jbtsinc.com

Best of luck to all the competing teams!

Contest Chair:

Mr. Joshua Brown, President – JB Technical Solutions Inc., Waynesboro, PA

[JBTS Inc](#)