



Additive Manufacturing (Team of 2)

Oregon 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.

Set Up Contest Space and Materials

- Contestants will need a computer with a CAD program of their choice.
- Contestants will need to complete a presentation of their solution in google slides or powerpoint.
- Contestants will submit a digital copy of their Engineering notebook.
- The judges will only open the designated files.

Complete the Contest

- The contest topic will be posted on the Thursday before SLSC, and the final design submission will be due in the Championships Hub on the Thursday of SLSC by 8pm.

Complete the Contest Submission

Skill Demonstration

Contestants will be provided with a copy of the problem they are to solve on the Friday before SLSC. Contestants will provide their solutions as designated in the problem statement. (access to a 3D printer by at least one team member is required) *Follow the instructions.*

Submit Contest Submission

Submit the following:

- PDF of the entire Engineering Notebook
- Slide presentation of the solution
- Print file (meeting specs designated in problem)
- up to 4 jpg files of 3D printed part
- One-page typed resume