



ENGINEERING TECHNOLOGY/DESIGN

Contest Date(s):

April 20, 2021

(Orientation will begin at 9:00 AM)

Contest Type: VIRTUAL

(All contest types are listed on the website. YOU NEED TO BE FAMILIAR WITH BOTH THIS DOCUMENT AND THAT DOCUMENT.)

Submission Link(s) – To be used when instructed to do so:

Dropbox: <https://www.dropbox.com/request/wew5lanhZPi4QDXq0s9S>

or

Google Drive: <https://forms.gle/ruUbCjhLTBNPW3ZT6>

Zoom Contest Link(s):

April 20, 2021

<https://ohioskillsusa->

[org.zoom.us/j/95436601098?pwd=QW9qM0hZTCsxWmRndXRYMDVEY2I5U](https://ohioskillsusa-)

T09

Meeting ID: 954 3660 1098

Passcode: 725846

ENGINEERING TECHNOLOGY/DESIGN

PURPOSE

To recognize an outstanding engineering innovation project which has been developed by a three-member team of engineering students. The student team will present their innovative idea along with a design prototype and engineering notebook.

ELIGIBILITY (Team of 3)

Open to active SkillsUSA members enrolled in a career and technical education engineering program or a curriculum that integrates engineering/pre-engineering concepts and techniques as an integral component of the instructional strategies.

ORIENTATION

Orientation is at 10:00 am

CLOTHING REQUIREMENTS

Official SkillsUSA attire

Men	Official red blazer, jacket or sweater; black dress slacks; white dress shirt; plain black tie with no pattern or SkillsUSA black tie; black socks and black shoes.
Women	Official red blazer, jacket or sweater; black dress skirt (knee length) or slacks with businesslike white, collarless blouse or white blouse with small, plain collar that may not extend onto the lapels of the blazer; black sheer or skin-tone seamless hose and black dress shoes.

TOOLS PROVIDED BY CONTESTANTS

1. All competitors must be prepared with a one-page résumé
2. Design prototype (The design prototype cannot be hazardous in any way). Design prototypes must be set up in the contest area by the contestant team.
3. Design board
4. Engineering notebook
5. Industrial review of engineering design
6. Laptop, computer, projector and small screen, if necessary; documentation and presentation software such as Microsoft Office or Open Office

SPECIAL INFORMATION:

No smart watches or phones are permitted during the contest.
Presentation should last no more than 10 minutes

SCOPE OF THE CONTEST

The contest will be judged based on the criteria established in the current year's National Technical Standards, which are updated annually. National Technical Standards are accessed through your Professional SkillsUSA Membership benefits by logging on to your SkillsUSA account at <https://www.skillsusa-register.org/Login.aspx>.

