



Engineering Technology/Design

To recognize an outstanding engineering design project that has been developed by a three-member team of engineering or technology students. The student team will present its innovative idea along with a design board, a design prototype, and an engineering notebook.

| | |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| On-Site/Off-Site | <ul style="list-style-type: none"> ● On-Site |
| Contest Date | <ul style="list-style-type: none"> ● 3/18/2025 |
| Contest Location | <ul style="list-style-type: none"> ● Convention Center ● Short North Ballrooms |
| Early/Normal Start Time | <ul style="list-style-type: none"> ● Normal Start Time ● Registration will open at 8:00am. Please report to B-Hall Show Office for Registration. ● Competition will begin at 10:00am. |
| Contest Open/Closed | <ul style="list-style-type: none"> ● Open ● Exhibit Halls do not open to observers until 12:00pm. |
| Eligibility & Contest Type | <ul style="list-style-type: none"> ● Please refer to the Program Guidelines for eligibility- https://www.ohioskillsusa.org/resources/ ● Straight to State Contest (No Regional Qualifier) |
| Clothing | <ul style="list-style-type: none"> ● <u>For Competition Day the Dress Code is:</u> Class F ● <u>For the Awards Ceremony the Dress Code is:</u> Class A or Class J ● <u>2025 SkillsUSA Ohio Clothing Guide</u> |
| Safety Equipment Required | <ul style="list-style-type: none"> ● Relevant PPE as required by contestant design. |
| Testing | <ul style="list-style-type: none"> ● There is no written test required for this competition. |
| Provided by Contestant (Tool List) | <ul style="list-style-type: none"> ● All competitors must create a one-page résumé and submit a hard copy to the coordinator at orientation. Failure to do so will result in a 50-point penalty. |

| | |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <ul style="list-style-type: none"> ● Design prototype (The design prototype cannot be hazardous in any way. If the prototype is not conducive to being presented in an indoor facility, please notify the SkillsUSA headquarters in advance so other arrangements can be made.). ● Design prototypes must be transported and set up in the contest area by the contestant team before 10am orientation. No help will be provided by SkillsUSA. ● Design board ● Engineering notebook ● Industrial review of engineering design. ● Laptop, computer, projector, tablet, or small screen, if necessary; documentation and presentation software such as Microsoft Office or Open Office. ● Power Strip- UL Approved. ● 10ft cord (if necessary) ● NO HAZARDOUS DEMOS-NO FIRE/FLAMES |
| <p>Contest Notes, Themes, & Deadlines</p> | <ul style="list-style-type: none"> ● You will not have access to Wi-Fi *Special note- ensure ALL software needed for the contest works without the school WIFI and outside of their system PRIOR to the CONTEST DAY. |
| <p>WIFI Provided?</p> | <ul style="list-style-type: none"> ● No |
| <p>Special Notes/Rules for All Contests</p> | <ul style="list-style-type: none"> ● Started in 2024, all Skilled Trade State Contests (most leadership contests already use scenarios) will begin to add a scenario-based component. ● <u>Wi-Fi will NOT BE AVAILABLE unless listed above</u>. If you need WIFI access please plan to bring a hotspot. ● All safety requirements will be heavily enforced. Competitors are to follow all safety standards and OSHA Regulations ● <i>Contestants MUST HAVE A COPY OF THEIR EMERGENCY MEDICAL FORM IN THEIR NAME BADGE AT ALL TIMES</i> ● <u>THE FOLLOWING ITEMS ARE PROHIBITED; VIOLATION OF ANY OF THE FOLLOWING MAY RESULT IN COMPETITOR DISQUALIFICATION:</u> <ul style="list-style-type: none"> ● Contact with Contest Coordinators is prohibited. Contact with Contest Coordinators outside of the SkillsUSA Ohio is strictly prohibited. ● Possession of smart watches and/or phones during the contest and/or in contest. ● Contact with anyone outside of the contest area once the contest begins. ● Inappropriate communication between contestants such as verbally degrading another contest. ● Cheating on any portion of the contest such as informing another contestant of the skills/test prior to competing. ● Lack of Copy Emergency Medical Form in Name Badge. |

| | |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| National Technical Standards | <ul style="list-style-type: none">● Please refer to the 2024-2026 National Technical Standards for all contests. All standards included may be tested in any competition.● In conjunction with National Standards, lack of understanding of State Level competition standards (this document) may result in student loss of contest. |
| Resume/Interview Requirement | <ul style="list-style-type: none">● All SkillsUSA Ohio State Championship Contests will require a short interview component. Students should be prepared with basic job interview skills.● All contestants <u>must have a hard copy</u> of a one (1) page personal resume. |