



Battle Bots

Competitors will demonstrate the ability to design and implement a combat robotics engineering system. Assessed skill areas include 3D design, 3D print, assembly, troubleshoot, and overall project documentation.

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 ● A-Hall
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"> ● Closed ● 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/ ● State Only Contest (Only runs in Ohio- winner does not proceed to Nationals)
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 ● 2025 SkillsUSA Ohio Clothing Guide
Safety Equipment Required	<ul style="list-style-type: none"> ● Safety glasses with side shields or goggles (Prescription glasses can be used only if they are equipped with side shields. If not, they must be covered with goggles).
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"> ● Robot and all internal components ● Transmitter

	<ul style="list-style-type: none"> ● Battery charger and spare batteries ● Various hand tools necessary for troubleshooting and repairing the robot between rounds. Suggested tools include: <ul style="list-style-type: none"> - Screwdriver - Hex keys - Pliers - Hand file - Extra fasteners ● Various circuit troubleshooting tools such as: <ul style="list-style-type: none"> - Digital Multimeter (DMM) - Electrical tape - Soldering iron, solder, brass sponge, flux, etc. - Wire cutter/strippers ● Small power tools as needed such as: <ul style="list-style-type: none"> ○ Dremel, drill ● Power strip ● 25-foot extension cord ● Spare robot components
<p>Contest Notes, Themes, & Deadlines</p>	<p>RULES, REGULATIONS, AND SCORING RUBRICS ARE FOUND HERE: 2025 SKILLSUSA COMPETITION GUIDE.</p> <ul style="list-style-type: none"> ● Each robot will compete in pool play with two matches guaranteed. The Top 16 robots will be seeded for a single elimination championship bracket based on pool play performance. ● To be eligible for the elimination championship bracket, teams must submit their documentation to the contest coordinator. Deadline- documentation must be submitted by March 12th, 2025, by 11:59pm. Upload all pages in one document to the link provided https://www.dropbox.com/request/p8ps62Jc1rsgCWio9WBv ● Judges will evaluate the journals prior to the event.
<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.
<p>National Technical Standards</p>	<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.
<p>Resume/Interview Requirement</p>	<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.