



Mobile Robotics Contest Information

Tentative-Information is subject to change, check back often.

NO SUBSTITUTIONS WILL BE ALLOWED AFTER FRIDAY, March 28th, 2025

THERE WILL BE NO SUBSTITUTIONS ALLOWED ON-SITE AT THE CONFERENCE*

Purpose

To evaluate each contestant's preparation for employment and to recognize outstanding students for excellence and professionalism in the field of Mobile Robotics.

Times/locations

Teams will report to the contest area Monday, April 28th 2025, at the Arvest Business Center(formerly know as the Cox Business Center). Contestants will be allowed to enter the contest area at 8:00 a.m. The contest will begin at 8:45 a.m. and students will remain in the contest area until after the contest is complete.

Online Testing

Contestants will be judged on their SkillsUSA knowledge through Professional Development test. Testing will be completed online and proctored through their technology centers. Online testing opens March 14, 2025, and closes April 4, 2025.

RESUME- Change to submission type please for 2025 please read

All contestants will submit a digital resume prior to contest day. Contestants will receive an email to the address used to register the contestant for contest with instructions and link to access the SkillsUSA Competitor Portal page. The email will contain contestant's username and contestant number, which are required to login to the Competitor Portal.

Deadline to submit resume is April 22, 2025

Lunch

Contestants are encouraged to bring snacks and/or drinks -- they will not be permitted to leave the contest area. Lunch is not provided. Contestants will be escorted by a judge to the concession to purchase a lunch if they do not bring their own

CELLPHONES AND OTHER SMART DEVICES

Cellphones, electronic watches and/or other electronic devices not approved by a competition's technical committee are NOT allowed in the competition area.

RULES and REGULATIONS

We will follow the national rules and regulations and content as closely as possible. We want our contestants to be prepared to compete at the national level. The national rules, Contest Guidelines, can be found on the national web site – Go to Mobile Robotics Technology <https://www.skillsusa.org/competitions/skillsusa-championships/contest-descriptions/>

One **very important difference** from nationals is that teams must bring their robot already built, programmed, and ready to compete at state. Programs and flowcharts DO NOT need to be from the coding software in order to be scored at the state competition. Points will be deducted from the total points for not meeting the clothing requirement. The robot must be programmed on a competition template. A competition switch will be used for each round.

EQUIPMENT and MATERIALS

Teams will provide the following:

1. Robot built, programmed, and ready to compete.
2. SkillsUSA VEX Robotics Kit (only parts listed on bill of materials).
3. Engineer's Notebook.
4. Laptop with licensed VEX programming software (for the Cortex microcontroller or V5

Robot Brain)

and presentation software.

5. Safety glasses.
6. Allen wrench set.
7. Power strip and extension cord.

NO POWER EQUIPMENT

CLOTHING REQUIREMENT (not for check-in on Sunday)

For men: Official SkillsUSA white polo shirt with black dress slacks, black socks and black leather shoes.

For women: Official SkillsUSA white polo shirt with black dress skirt (knee-length) or slacks, black socks or black or skin-tone seamless hose and black leather dress shoes.

All: 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.)

These regulations refer to clothing items that are pictured and described at www.skillsusastore.org.

Points will be deducted from teams that do not meet these clothing requirements during the contestant meeting and/or contest.

Industry Awards

Prizes are the responsibility of the individual contests. Prizes are not guaranteed and are not supplied at the SkillsUSA Oklahoma state level.

Please contact the chair with prizes that will need to be checked in. **Each participating school is expected to furnish an industry award.** Industry awards should be labeled with the name and address of the award supplier so that an appropriate "Thank you" may be sent, must be accompanied by an *industry award donation information sheet* (available on the Oklahoma SkillsUSA website). **Please bring prizes to the industry awards area at the Arvest Convention Center Conference Hall, Sunday, April 27th between 12-4pm or Monday, April 28th between 8am-4pm.**

AWARDS CEREMONY

Winners will be recognized at the General Session on Tuesday morning, April 29th at 9am.

All competitors must wear official SkillsUSA dress to the Awards Session, where winners are announced. Competitors who are not dressed appropriately or lack official attire will be denied access to the awards stage. Students must be present when their contest is announced. If a student is improperly dressed, absent, or misses their contest being called, the production will not be paused for any reason, and they will forfeit their opportunity to go on stage to receive the award. No exceptions will be made. No hats or sunglasses will be allowed to be worn on stage.

Official dress for men: Official 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.

Official dress for women: Official blazer, jacket or sweater; black dress slacks or knee-length skirt with business like white, collarless blouse or white blouse with small, plain collar that may not extend onto the lapels of the blazer, and black dress shoes.