



Electrical Construction Wiring

Purpose: The Electrical Construction Wiring competition will allow each competitor the opportunity to perform tasks commonly found in a practical work environment. Each competitor will have the opportunity to use his or her acquired electrical wiring skills to construct an electrical wiring installation using electrical blueprints, written specifications, and verbal instructions based on the National Electrical Construction Wiring standards in accordance with the National Electrical Code.

On-Site/Off-Site	<ul style="list-style-type: none">▪ On-Site
Contest Date	<ul style="list-style-type: none">▪ 4/9/2024
Contest Location	<ul style="list-style-type: none">▪ Convention Center▪ D-Hall
Early/Normal Start Time	<ul style="list-style-type: none">▪ Early Start Time▪ Registration will open at 8:00am. Please report to B-Hall Show Office for Registration. Competition will begin at 9:00am.
Contest Open/Closed	<ul style="list-style-type: none">▪ Open▪ Exhibit Halls do not open to observers until 12:00pm.
Eligibility	<ul style="list-style-type: none">▪ This contest has a Regional Qualifier Contest. The top three (3) candidates from the Regional Qualifiers will proceed to the State Championship Contest.
Competition Clothing (To be worn on Day 1)	<p>Work/School Attire:</p> <ul style="list-style-type: none">▪ Field specific work clothing required for the work environment or that matches the service conditions for the contest.▪ This may include jeans if they are clean and professional looking and are accepted in the respective field (no holes or overly soiled pants).▪ Shoes or work boots with a hard sole and anti-slip properties.

	<ul style="list-style-type: none"> ▪ Clothing should be as such that it will not get caught in moving equipment or power tools. ▪ Professional attire worn in the classroom (school uniforms) such as a criminal justice uniform, chef attire, health scrubs, or cosmetology scrubs etc. may be worn if they meet the above requirements. ▪ Note: School identifiers and contestant names must be covered.
<p style="text-align: center;">Safety Equipment Required</p>	<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).
<p style="text-align: center;">Awards Ceremony Attire (To be worn on Day 2)</p>	<p>SkillsUSA Official Attire:</p> <ul style="list-style-type: none"> ▪ Official SkillsUSA red blazer ▪ Button-up, collared, white dress shirt (accompanied by a plain, solid black tie or SkillsUSA black tie), or white shirt (collarless or small-collared), with any collar not to extend into the lapel area of the blazer ▪ Black dress slacks or black dress skirt (knee-length at minimum) ▪ Black closed-toe dress shoes ▪ Note: Wearing socks or hose is no longer required. If worn, socks must be black dress socks, and hose must be either black or skin-tone and seamless/nonpattern <p style="text-align: center;">Or,</p> <p>Business Dress:</p> <ul style="list-style-type: none"> ▪ Blazer, sports coat, or dress ▪ Button-up, collared, white dress shirt (accompanied by a plain, solid black tie or SkillsUSA black tie), or white shirt (collarless or small-collared), with any collar not to extend into the lapel area of the blazer ▪ Dress slacks or dress skirt (knee-length at minimum) ▪ Closed-toe dress shoes ▪ Note: Wearing socks or hose is no longer required. If worn, socks must be black dress socks, and hose must be either black or skin-tone and seamless/nonpattern
<p style="text-align: center;">Testing</p>	<ul style="list-style-type: none"> ▪ Students should be prepared to take a written knowledge test.

<p style="text-align: center;">Provided by Contestant (Tool List)</p>	<ul style="list-style-type: none"> ▪ One copy of a 1-page typed personal resume ▪ 10" pump pliers ▪ 12" pump pliers ▪ 12" hacksaw with blade ▪ 16 oz. claw hammer ▪ Utility knife ▪ 9" torpedo level ▪ 6" long nose pliers ▪ 9" side cut pliers ▪ Flat head screw driver ▪ Phillips head screw driver ▪ One terminal screwdriver ▪ 8" diag. cut pliers ▪ Tape measure ▪ ▪Tool pouch ▪ ▪Tool belt ▪ T5 wire stripper ▪ ½" EMT bender ▪ One VOM meter ▪ Battery drill ONLY–No electric drills will be permitted ▪ ¾" or ½" drill bit for wood studs ▪ 2017 NEC ▪ #2 pencil ▪ 4' or 6' fiberglass ladder ONLY ▪ Phillips bit for drill ▪ No tool boxes larger than 18" long 12" wide 12" tall permitted in the contest area ▪ Breaker Lock and Lockout/Tag Out Equipment
<p style="text-align: center;">Contest Notes, Themes, & Deadlines</p>	<ul style="list-style-type: none"> ▪ N/A
<p style="text-align: center;">Special Notes</p>	<ul style="list-style-type: none"> ▪ Starting in 2024, all State Contests will begin to add a scenario-based component. ▪ Contact with Contest Coordinators is prohibited. Contact with Contest Coordinators outside of the SkillsUSA Ohio office may result in contestant disqualification. ▪ All safety requirements will be heavily enforced. Violation may result in contestant disqualification. ▪ No smart watches and/or phones are permitted during the contest and/or in contest.

	<ul style="list-style-type: none"> ▪ No contact with anyone outside of the contest area once the contest begins. ▪ No inappropriate communication between contestants such as verbally degrading another contest. ▪ No cheating on any portion of the contest such as informing another contestant of the skills/test prior to competing. ▪ Starting in 2024, Wi-Fi is provided for contests where it is required for contest success.
National Technical Standards	<ul style="list-style-type: none"> ▪ Please refer to the 2023-2024 National Technical Standards for all contests. Any and all standards included may be tested in any competition. ▪ In conjunction with National Standards, violations 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 must have a hard copy of a one (1) page personal resume.