

2026 OKLAHOMA SLSC STATE MEMO

Telecommunications Cabling Contest Information

NO SUBSTITUTIONS WILL BE ALLOWED AFTER FRIDAY, MARCH 27, 2026

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

Please double-check all registrations prior to the deadline. This includes secondary versus postsecondary as well as contests

***Contest will follow national technical standards unless otherwise stated in the state memo.**

The 2026 Oklahoma SkillsUSA contest will be held April 20th and will be hosted at the Tulsa Technology Center Riverside Campus.

CONTEST FEES

In addition to the regular conference registration, there will be a lunch fee of \$25.00, and a materials fee of \$15.00. These fees will be added to the contestant's registration when it is completed online.

CONTESTANT MEETING

There WILL be a contestant meeting at **3 p.m.** the evening before the event at Tulsa Technology Center – Riverside Campus, to get your contestants oriented to the Telecommunications Cabling contest layout and equipment, go over the format of the contest, and to hand out documentation they will need to study to be prepared to begin promptly in the morning. This meeting will be held in the Telecommunications Cabling contest area and should only take approximately an hour. Question and answer time will be allowed.

CONTEST

The contest orientation will begin at 8 a.m. **SHARP.**

The contest will follow immediately after or by 9 a.m.

RESUME

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.

CONTEST TESTING

Contestants will be judged on their SkillsUSA knowledge through the Professional Development test and a knowledge test based on their contest area, unless otherwise stated in the state memo..

Contestants will NOT be allowed to use cell phones or other electronic communication devices during the contest and will be disqualified for doing so.

LUNCH

A box lunch is included in contest registration/lunch fee for contestants. Also a box lunch will be provided for judges.

It is recommended to bring bottled water and snacks (energy bars, etc.) to tide contestants over until lunch

INDUSTRY AWARDS

*****NEW 2026- ADVISOR MEDALS WILL NOT BE PROVIDED BY OKLAHOMA SKILLSUSA, BUT WILL BE AVAILABLE FOR PURCHASE IN THE SKILLSUSA STORE**

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

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 awards area at the Arvest Convention Center Tulsa Ballroom on Sunday, April 19th between 12-4pm or Monday, April 20th between 8am-4pm.**

AWARDS CEREMONY

Winners will be recognized at the General Session on Monday night, April 20th, at 7pm, or Tuesday morning, April 21st at 9am. ***(please pick the correct awards ceremony for your contest)***

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 allow 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.

Please see the National SkillsUSA [clothing guidelines](#) as needed

TOOLS AND SUPPLIES

Supplied by the technical committee:

Mock wall, cable ladder, equipment racks, patch panels, telecommunications outlets, termination blocks and modular plugs.

Tools, equipment, and consumables to terminate and splice fiber optic cable

Supplied by the participants:

Each competitor is required to bring the following tools/equipment to the Telecommunications Cabling competition. (with some major tools, contestants may share if school does not have sufficient to equip all contestants, but may delay some operations to share)

- Cable terminating tools (cutters, strippers, crimpers, punch-down, spudger) necessary to properly terminate the following:
 - Cat 6
 - Cat 5 or 5e
 - 66 blocks
 - RG6
- Cable: Supplies MUST be limited to these listed. No additional cable may be brought. Each contestant should have their own pre-cut, measured lengths (no working from shared spools). The intent is to reward efficiency of materials, not allow unlimited do-overs. Contestants MUST be able to complete the projects with the materials listed below.
- 50 feet – Cat 6 Cable

- 4 – 3’ lengths of Cat 5 or 5e Cable
- 1 – 3’ length of RG6 Cable
- Connectors
- 4 – 8P8C connectors
- 2 – RG6 compression-type connectors
- DMM
- Tester to check continuity
- Electrician’s Scissors
- Cable Stripping Tools
- Cable Pulling Tools
- Fish Tape
- Pull String
- Electrical Tape
- Safety Glasses
- Hard Hat
- Snacks
- Bottled Water

CLOTHING REQUIREMENTS

Contestant will follow official contest dress as described in the national technical unless otherwise stated in the state memo. Students can not wear any identifying information on their uniform that will associate them with a school or technology center.

Please see the National SkillsUSA [clothing guidelines](#) as needed

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. Please follow the guidelines in each technical standard for approved exceptions. Technical committee members may also approve exceptions onsite during the SkillsUSA Championships if deemed appropriate.

CONTEST DESCRIPTION AND SCORING

The contest will consist of an online PDP knowledge test and a test covering knowledge of telecommunications concepts and practices, and practical hands- on activities that will measure the contestants’ skill in common telecommunications tasks.

The SkillsUSA PDP is 2.5% of the contest score.

The Telecommunications written knowledge test is 10% of the contest score.

The technical skills portion of the contest is 87.5% of the contest score. The above scoring is consistent with the national SkillsUSA competition

WRITTEN EVALUATION

The purpose of the written portion of the contest is to test a student's complete knowledge of structured cabling. Questions from the written evaluation will be taken from the following general telecommunications cabling topic area:

- Pulling
 - Copper Media (UTP cabling)
 - Fiber Optic Media
 - Firestopping
 - Grounding and Bonding
 - Horizontal Cabling
 - Installation of Support Structures
 - Plan (blueprints and drawings?)
 - Safety Practices
 - Splicing
 - Standard and Codes
 - Telecommunications Cabling Systems
 - Testing UTP Cabling
 - Transmission Theory
 - Troubleshooting

PROJECT EVALUATION

The purpose of the project component of the contest will be to test a student's ability to install, terminate and manage telecommunications cabling. Given a plan for a telecommunications cabling project, the contestant will install and test their system. The students must, in a finite amount of time, complete the cabling project and certify it for use. This would be similar to doing installations in a telecommunications room. The client would request an upgrade to voice, data and cable television services. The contestants, given equipment and tool, would install the appropriate connectivity for the upgrade. Skills that are to be evaluated are listed below.

- Knowledge of the color code for 4-Pair and 25-Pair UTP Cabling
- Conduit cable pulling techniques
- Cable Ladder cable pulling techniques
- Installation of a ground conductor
- Installation of a bonding backbone
- Installation of a firestopping system for conduit
- UTP patch panel installation
- UTP wall outlet installation
- Terminate a 66 style connecting block

- Install UTP style, 8-conductor modular outlets
- Install coaxial “F” style connectors
- Test UTP and coaxial cabling continuity
- Install fiber optic terminations and splice

ADDITIONAL INFORMATION

If you have any questions about the contest, please contact **Bryan Hallmark (Trade Chair)**, **Ben Morgan (Program Specialist)**.

National Technical Standards can be found on Pathful, which you can access with your professional SkillsUSA membership. Technicals are updated periodically, please check regularly.

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