

State SkillsUSA Championships INTERNETWORKING

Contest Date: April 12, 2011

Contest Location

Shears Technology Center
Hutchinson Community College
1300 N Plum St
Hutchinson KS 67501
Contact: Vince Puyear (Lead SkillsUSA Advisor)
puyearv@hutchcc.edu
Phone: 620.665.3453 TOLL: 1-800-289-3501 Ext 3453
FAX: 620.728.8106



Contest Schedule

- 8:30 – 8:55 AM Registration – Room Shears Technology Theater Lobby
- 9:00 STC Theater, room 210
- Welcome and orientation for contestants
- 9:15 Contestants will be escorted to contest area by contest chairs
- **WORK** – Internetworking – Room STC126
 - Turn in résumé in to the contest chair
 - Only contestants are allowed in the contest areas
- 9:15 – 9:45 Contest Chair orientation (Handouts)
- 9:45 – 10:45 Written test (online using Angel).
- 10:45 Contest problem begins (cable build)
- 11:45 – 12:15 PM Lunch – Room STC210 (Technology Theater)
- 12:15 Continue contest problem
- 4:45 Contest ends. All work is to be turned into the judges on USB drives.
- 5:00 Judging begins for all contest areas (closed to teachers, advisors, and students). Results will be announced at the SkillsUSA Championships Awards Ceremony.

Clothing Requirements

There is no specific clothing requirement other than business casual or nice, clean blue jeans with a polo shirt. Although not required, contestants may wear the official uniform of SkillsUSA. Clothing that identifies the school or that is inappropriate is prohibited.

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INTERNETWORKING

Equipment Provided

- Computer workstations running Windows 7 for the written test, and network equipment configuration
- CAT 5e cable, V.35 cable, RJ-45 ends, Cisco routers, switches, patch panels, and test equipment.
- Tables with chairs

Supplied by the Contestant:

- Copper cable terminating tools (crimper, wire stripper, and 110 punch-down tool)
- Safety Glasses
- USB Flash drive

Contest Rules

Judges are sole authorities that determine content and procedural violations.

Scope of the Contest

The contest is defined by industry standards as set by the current industry technical standards. The contest will consist of three parts; a design problem (LAN/WAN), an online written test, and a hands-on evaluation.

Contestants will complete basic and advanced router and switch configurations as well as troubleshooting.

Technical Scoring and Standards

CONTEST SCORECARD

Items Evaluated	Possible Points
Structured Cabling (Cablemaking and Punchdown)	100
Network Troubleshooting and Monitoring	200
Basic Router Configuration	200
Advanced Router Configuration	100
LAN/WAN Design	100
End to End Networking	100
Online Written Test	100
Professionalism (Résumé, Teamwork, Dress, Timesheet)	100
Sub Total 1,000	
Résumé Penalty: 0 or -50 only	
Clothing Penalty: 0 to -50	

This is a link for the Hutchinson City map:

<http://www.hutchchamber.com/map.php>

The following is a link to the HCC maps and directions site.

http://cms.hutchcc.edu/hcc/home.aspx?menu_id=36&id=2426

