

# State SkillsUSA Championship INTERNETWORKING

**Contest Date:** April 6, 2010

**Contest Location**

Shears Technology Center  
Hutchinson Community College  
1300 N Plum St  
Hutchinson KS 67501  
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**Contest Itinerary**

- |                  |   |
|------------------|---|
| 8:30 – 8:55 AM   | Registration – Room Shears Technology Theater Lobby   |
| 9:00             | Report to STC Theater, room 210 <ul style="list-style-type: none"><li>• Orientation for contestants</li><li>• Advisors, faculty, and sponsors leave the room</li><li>• SkillsUSA Tie-breaker taken by contestants</li></ul> |
| 9:15             | Contestants will be escorted to contest area by contest chairs <ul style="list-style-type: none"><li>• <b>WORK</b> – Internetworking – Room STC126</li><li>• Turn in résumé in to the contest chair</li></ul>               |
| 9:15 – 9:45      | Contest orientation from contest chair (Handouts)   |
| 9:45 – 10:45     | Written test (online using Angel). You will be provided a logon username and password   |
| 10:45            | Skills portion begins (cable build)   |
| 11:45 – 12:15 PM | Lunch – Room STC210 (Technology Theater)  |
| 12:15            | “Careers in Information Technology” session   |
| 12:45            | Resume skills portion of contest  |
| 4:45             | Contest ends. All work is to be turned into the judges on flash drives.   |
| 5:00             | Judging begins for all contest areas (closed to teachers, advisors, and students). Results will be announced at the SkillsUSA Championships Awards Banquet.   |

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## Contest Clothing Requirements

- There is no specific clothing requirement other than business casual or nice, clean, blue jeans with a polo shirt.
- Also acceptable, but not required is;
  - Previous SkillsUSA state T-Shirts and nice jeans
  - SkillsUSA windbreaker and nice jeans
  - Official SkillsUSA uniform as describe below

**For men:** Official red blazer, black slacks with white dress shirt, plain black tie with no pattern or official SkillsUSA black tie, black socks and black shoes.

**For women:** Official red blazer, black skirt or slacks with businesslike white, collarless blouse or white blouse with small, plain collar that may not extend onto the lapels of the blazer, black sheer or skin-tone seamless hose and black dress shoes. **Note:** T-shirt-style tops are not approved.

## Equipment Provided

- Computer workstations for the written test
- 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)
- 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.

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## Technical Scoring and Standards

### CONTEST SCORECARD

#### **Items Evaluated Possible Points**

Structured Cabling (Cablemaking and Punchdown).....	100
Network Troubleshooting and Monitoring .....	100
Basic Router Configuration.....	100
Advanced Router Configuration.....	200
LAN/WAN Design.....	100
End to End Networking .....	100
Online Written Test .....	100
Technical Assistance Call (TAC) .....	100
Professionalism (Résumé, Teamwork, Dress, Timesheet) .....	100

**Sub Total 1,000**

**Résumé Penalty:** 0 or -50 only

**Clothing Penalty:** 0 to -50

**TOTAL** \_\_\_\_\_

This is a link for the Hutchinson City map:

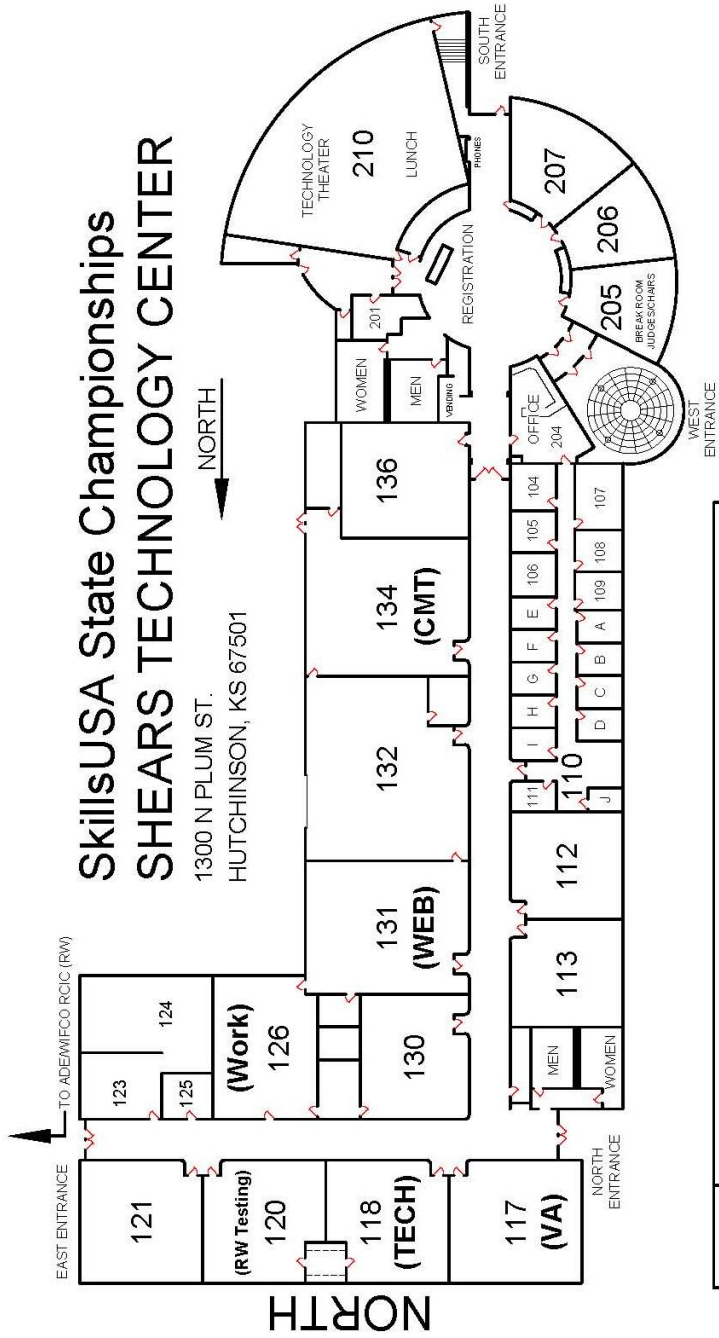
<http://www.hutchchamber.com/map.php>

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

[http://cms.hutchcc.edu/hcc/home.aspx?menu\\_id=36&id=2426](http://cms.hutchcc.edu/hcc/home.aspx?menu_id=36&id=2426)

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**SkillsUSA State Championships**  
**SHEARS TECHNOLOGY CENTER**  
1300 N PLUM ST.  
HUTCHINSON, KS 67501



ROOM	CONTEST
117	(VA) 3D VISUALIZATION AND ANIMATION
118	(TECH) TECHNICAL COMPUTER APPLICATIONS
126	(WORK) INTERNETWORKING
131	(WEB) WEB DESIGN
RCIC	RESIDENTIAL WIRING
134	(CMT) COMPUTER MAINTENANCE TECHNOLOGY

ROOM	DESCRIPTION
205	BREAK ROOM FOR JUDGES
207	CMT TESTING
210	REGISTRATION
210	TIE-BREAKER TEST
210	TECHNOLOGY THEATER