

State SkillsUSA Championships Residential Wiring

Contest Date: April 12, 2011

Contest Location

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

- 8:30 – 8:55 AM Registration – Shears Technology Theater Lobby
- 9:00 STC Theater, room 210
- Welcome and orientation for all contests
- 9:15 **RW** contestants remain in theater for contest chair orientation
- Turn in résumé
 - Organize into Group A and Group B
- 9:30 Contestants will be escorted to contest area by contest chairs
- **RW** –Residential Wiring – Sports Arena, small gym
 - Written test in room STC120 (online using Angel).
- 12:30 Lunch – Delivered to contest area
- 1:00 PM Groups rotate and resume contest
- 4:00 PM Skills contest ends

Judging begins for all contest areas (closed to teachers 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.

Equipment Contestants Bring:

Contestants should bring a pencil, hand or power tools (includes a drill and auger bit), ½ EMT bender, a 2008 NEC book, hard hat, safety glasses, and other equipment necessary to complete a residential wiring skills problem.

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Equipment Provided:

Major equipment necessary to complete the skills portion of the contest will be provided, such as the room modules, wire, boxes, etc.

Contest Rules

Judges are sole authorities that determine content and procedural violations.

No advisors, instructors, or observers will be allowed in the contest area.

Scope of the Contest

The contest will assess the ability to perform jobs or skills selected from competencies listed from the national residential wiring regulations.

Skills Performance

The skills portion of the contest will include a series of work stations that have information and instruction sheets for wiring a particular room in residential.

All work must conform to the specifications of the 2008 edition of the National Electrical Code.

Technical Scoring and Standards

Judging is based on following point system:

- 80 Points Safety
- 70 Points NEC
- 112 Points Height Requirements
- 112 Points Device Locations
- 100 Points Wiring Methods
- 70 Points Grounding, Splices and Termination
- 40 Points Overall neatness
- 70 Points Function/Operation Test
- 84 Points Box Locations
- 42 Points Contestant Interview
- 70 Points EMT – Pipe Bending
- 150 Points Written Test

Total points: 1,000

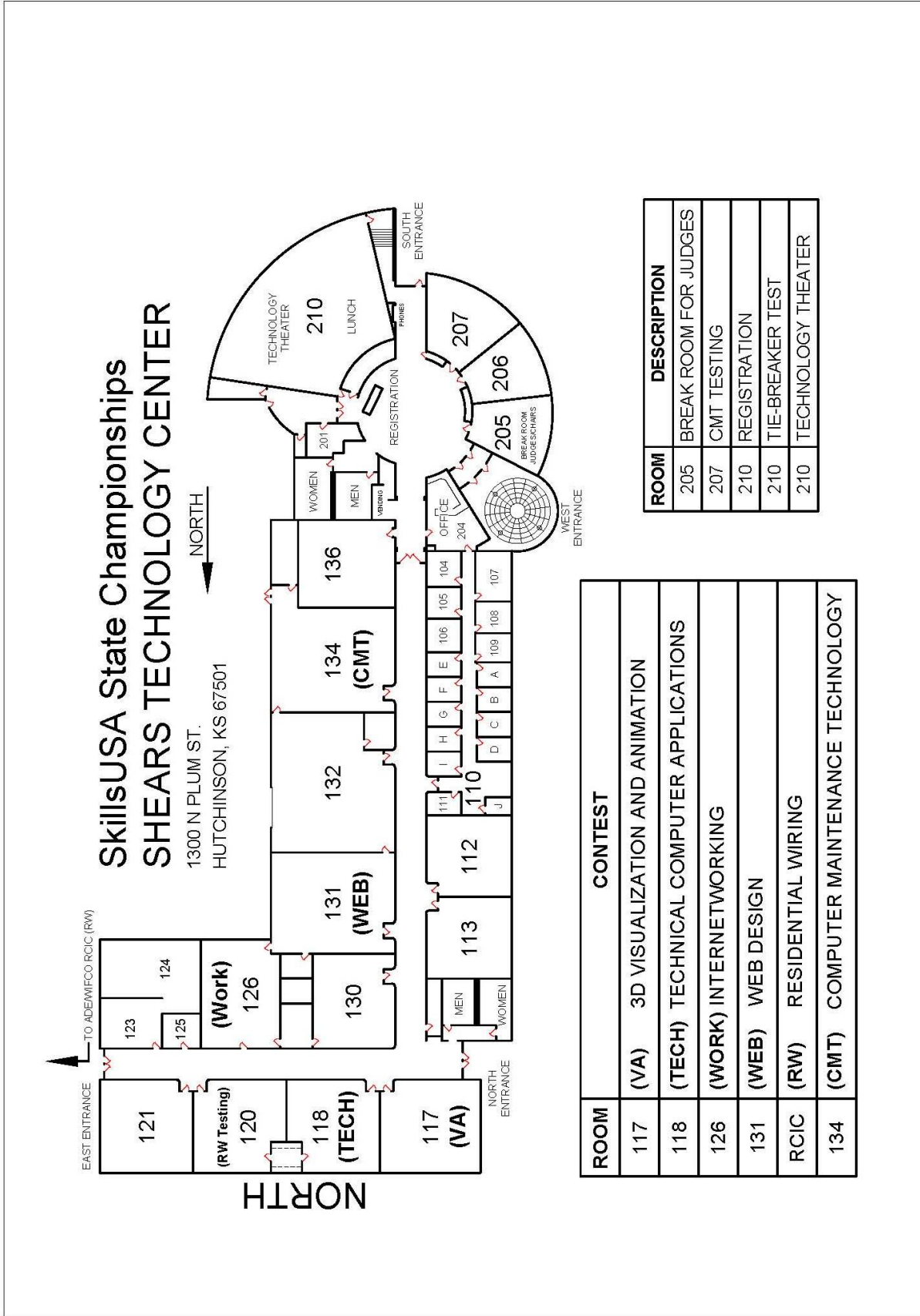
This is a link for the Hutchinson City map:

<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

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On Campus

1. Parker Student Union
2. Lockman Hall
3. Student Health Center
4. Rimmer Learning Resource Center
5. Science Hall
6. Kansas Cosmospere
7. Shears Technology Center
8. Reno County Industrial Center
9. Industrial Technology Building
10. Office Technologies
11. Tennis Courts
12. Gowans Stadium
13. Athletic Facility
14. Stringer Fine Arts Center
15. Sports Arena
16. Kent Hall
17. Elland Hall
18. Child Care Center
19. Vocational Center

Off Campus

Building 12, 1800 North Plum
Davis Hall, 815 North Walnut
South Campus, Route 2 (1 mile
South & 1 mile West of Yoder)

Directions to Campus

From U.S. 50 - Turn North on K-61. Turn left on 11th Avenue. Turn right on Plum Street and then right on 14th Street. Main parking lot is located 1/2 block East of Plum on right side or park at any HCC lot noted above.

From K-61 - Turn West on 11th Avenue to Plum Street. Turn right on Plum Street, go North to 14th Street and turn right. Main parking lot is located 1/2 block East of Plum on right side or park at any HCC lot noted above.

From K-96 - Continue through South Hutchinson and exit on Avenue A. Go East to Main Street and turn left. Go North to 14th Street and turn right. Proceed to Plum Street. Main parking lot is located 1/2 block East of Plum on right side or park at any HCC lot noted above.

From Airport Road - Go West on 17th Avenue to Plum Street, turn left (South) to 14th Street, turn left again East. Main parking lot is located 1/2 block East of Plum on right side or park at any HCC lot noted above.

Entering from the West side of Hutchinson - Travel East on Avenue A, 4th Street, or 11th Street turn left (North) on Plum Street. Continue North to 14th & Plum, turn right (East). Main parking lot is located 1/2 block East of Plum on right side or park at any HCC lot noted above.

