

**“Friday Flash”  
Contest Updates  
for March 5<sup>th</sup>, 2010**



Please make sure you are using the **"NEW"**  
**SkillsUSA Championships Technical Standards 2010**

Make sure you have a copy of the *SkillsUSA Championships Technical Standards 2010*. *ALL State Contest and National Contest will be following the new Technical Standards*. All general rules that affect all competitors—are on pages 9-12. All Contestants are required to bring a one-page, typewritten résumé to their contestant meeting; failure to use the proper name of the national organization will result in penalty points being assessed.

## **2010 Contest Updates for this week:**

**CNC Milling**

**CNC Turning**

**Mechatronics**

**Motorcycle Service Technology**

**Snowmobile Service Technology**

**Technical Drafting**

**Marine Service Technology**

**Architectural Drafting**

**Cosmetology**

**Power Equipment Technology**

**Residential Wiring**

**Industrial Motor Control**

**The Following Contests will be held  
2 weeks prior to the State Conference at  
Alexandria Technical College  
in Alexandria, MN  
On Friday, March 26<sup>th</sup>, 2010**

*If you are registered for this contest- Advisors you will receive a Letter in the mail with additional information regarding parking, map of school layout and etc.*

## **CNC Milling**

**(Machine Shop 617/619)**

7:00 a.m. – Donuts, juice, coffee, water

Contest start – times will vary by contestant; notified prior to contest

*Please E-mail State SkillsUSA Office to request morning or afternoon start time*

(Machine Shop)

12:00 noon – Lunch

Each contestant will need safety glasses & 1 page Resume.

## **CNC Turning**

**(Machine Shop 617/619)**

7:00 a.m. – Donuts, juice, coffee, water

Contest starts – times vary by contestant; notified prior to contest

*Please E-mail State SkillsUSA Office to request morning or afternoon start time*

(Machine Shop)

12:00 noon – Lunch

Each contestant will also need safety glasses & 1 page resume.

## **Motorcycle Service Technology**

**(Motorcycle Shop TH8)**

8:00 a.m. – Donuts, juice, coffee, water (Motorcycle Shop)

9:00 a.m. – Contest starts (Motorcycle Shop)

11:00 a.m. – Lunch (Room 503E)

Contestants will need safety glasses & 1 page Resume.

# **Mechatronics**

## **(CAM Department 600 wing)**

8:30 am: Donuts, juice, coffee, water (Room 610)

9:00 am: Contest starts (CAM department)

9:00-11:00 am: PLC programming

11:00 a.m. – 12:00: Troubleshooting

12:00 – 1:00 p.m. - Lunch (CAM Room 610)

1:00 – 3:00 p.m.: Mechatronic build

3:00 – 4:00 p.m.: Written test

*Each contestant will need safety glasses & 1 page resume.*

# **Snowmobile Service Technology**

## **(MSE I shop 503)**

11:00 a.m. - Lunch (Room 503E)

12:00 noon - Contest starts (MSE I shop 503)

*Each contestant will need safety glasses & 1 page resume.*

# **Technical Drafting**

## **(MDDE classrooms 601/603)**

7:30 a.m. – Donuts, juice, coffee, water (MDDE classroom)

8:30 a.m. – Contest starts (MDDE classroom)

12:30 – Lunch

*Contestants contest information will be sent out electronically to Advisors.*

# **Marine Service Technology**

## **(Marine Shop- -621)**

7:30 am - Donuts, juice, coffee, water (Marine Shop)

8:00 am -12:00 noon - Contest starts and Hands On (Marine Shop)

(8 – 15 minute hands –on stations)

11:30 am: – Lunch –served to all (Marine Shop)

12:00 noon – 12:30 pm: Written Test

Contestants will need: Proper Shop Dress / Uniform / boots.

*No School Logo or name should appear on Uniform!*

*Each contestant will need safety glasses & 1 page resume.*

Bring the following Electrical Test Equipment: Meter, Jumper Leads,

Back Probes, Remote Start Button, Clamp Meter, Spark Tester

*Contestants contest information will be sent out electronically to Advisors.*

# 2010 Architectural Drafting

Contest will be hosted at Dakota County Technical College, Rosemount, MN

- Buses will load from the SHERATON HOTEL BLOOMINGTON at 6:30 am Saturday, April 10<sup>th</sup> and will depart at 6:45 am and return when the contest is completed. Bus will drop students off and pick them up at Main Doors of the Campus (1300 is mark on the outside of the door)

<b><u>Times:</u></b>	7:30 AM	CAD Equipment Set-up	2-300
	8:00 AM	Contest begins	2-300
	11:30 AM	Contest Ends	2-300

## **Contestant Identification:**

Each contestant will have received a Contestant ID number from his or her advisor prior to the contest. This number must be worn during the contest and must appear on all contest materials in the area indicated.

## **Resources:**

The host school will provide:

Computers on site loaded with AutoCad – Architecture 2009

Contestants may bring their own Computers & Software if they wish.

All files will be saved as a PDF File.

Contestants must KNOW how to create PDF Files.

## **NO ELECTRONIC DEVICES ALLOWED**

**(You will be disqualified)**

**(Includes Cell Phones, I-pods, Pagers, MP3 Players, Blackberry's and etc.)**

Please make sure you have your students review the 2010 "NEW" SkillsUSA Championships Technical Standards for Architectural Drafting and should reference to Equipment and Materials supplied by Contestant

# 2010 Post Secondary & Secondary Cosmetology Contestants

**Date: Competition Saturday, April 10, 2010**

**Location: Great Clips Training Center**

**8011 34<sup>th</sup> Ave. S. Suite 011**

**Bloomington, MN 55425 (952) 854-0123**

**Julie Diedrich: Competition Chair (612) 581-4246**

## **PLEASE READ CAREFULLY!!**

***Busing will be provided for all competitors.***

The location of the competition is at the Great Clips Training Center. The competition will start promptly at **9:00 A.M.** Doors will be open at 8:15 AM. If you are late, you will be disqualified. The competition will end at approximately 3:00 p.m. Please bring with you all equipment and materials stated in the SkillsUSA Technical Standards. Great Clips will NOT provide any equipment or material if you forget yours.

### **Post Secondary & Secondary Contestants – NO MODEL NEEDED!**

A women's haircut and style will be done on a mannequin per picture given, a men's haircut and style will be done on a mannequin per picture given, a long haired updo will be done on a mannequin. **NEED to BRING:** One long haired mannequin (must be at least 10 inches in length) (*Not Pre-cut for haircutting portion of competition*), shears, razors, clippers, hair clips, combs, brushes, styling aids, mannequin stand, blow dryer, spray bottle for water, bobbie pins (*optional*), rubber bands (*optional*), curling iron (s), crimpers and flat irons (*optional*). **A second mannequin that is pre-colored (*optional pre-colored*) is to be used for the updo portion. See explanation below.**

**Pre-colored mannequins:** Students will have the option to pre-create a color design as this skill has been added to the National Competition. If you choose this option, students will be required to illustrate the color techniques on a sketched head sheet and post it on their mirror during the contest. The color will not be judged, but is allowed for enhancement of the updo. **This pre-colored mannequin may NOT be used for the Haircutting portion of the competition!**

**NO hairpieces, weaving, ornaments, extensions, ribbons, headbands, or color spray may be added to the hair in any portion of the contest. Contestants may apply make-up to the mannequin. No eyelashes will be allowed. The make-up must be applied during the time allocated for the updo competition. Earrings only may be added once updo is completed provided it is done within the time frame allowed. No scarves, necklaces or ornamentation will be allowed.**

**Sanitation and Clean up of area after each contest will be judged!!**

**All contestants must WEAR BLACK AND WHITE APPAREL and SHOES FOR CONTEST!!! Clothing Penalty will be added if not in correct apparel.**

**No Talking will be allowed during the competition!**

**No flash photography is allowed during the competition and judging. Photos may be taken during the break following the judging of each portion of the competition.**

**No Cell Phones allowed in Competition Area!**

**You will not be given time for a lunch break. You will be given time for several breaks during the day. Vending machines are available or please bring food and beverages to have during your breaks. A microwave and refrigerator are available.**

**The timing of the contest is as follows:**

**Updo on Mannequin – 1 hour and 30 minutes**

**Ladies Haircut AND style on Mannequin – 45 minutes**

**Men's Haircut AND style on Mannequin – 45 minutes**

**Written Exam – 45 minutes**

**Oral Presentation: 3-5 minutes per contestant on Professional Product Recommendation**

**\*\*\* All contestants must provide a typed, one-page resume!**

**CONTEST OUTLINE-PLEASE NOTE THAT TIMING IS SUBJECT TO CHANGE BY THE COMPETITION DIRECTOR**

**8:15 Arrival at Training Center**

9:00- 9:15	Opening and Set-up
9:30-11:00	Updo on Mannequin (90 minutes)
11:00-11:15	Judge Updo / Break/ Introduction of Judges
11:30-12:15	Ladies Haircut and Style per picture (45 minutes)
12:15-12:30	Judge Style and Haircut / Break
12:30-12:45	Prep Hair for Men's Cut
12:45-1:30	Men's Haircut and Style per picture (45 minutes)
1:30-1:45	Judge Men's Style and Haircut
1:45-2:30	Written Test (45 minutes) and Oral Presentations (3-5 minutes per contestant) Provide Resume to judges at this time.
2:30-3:00	Clean Up and Dismissal

**There will be space available for observers to watch you during the competition at no charge. Feel free to invite your friends and family!**

**Good Luck and we will see you at the competition!!!!**

# 2010 Power Equipment Technology Contest

**Early Contest Day: Friday, March 26, 2010**

**Location: The Toro Company**

8111 Lyndale Ave. South (82<sup>nd</sup> & Lyndale, south of I-494)  
Bloomington, MN 55420

*Please take Lyndale Exit- and drive to 82<sup>nd</sup> Street.*

**No Busing will be provided. Please make sure you bring your students.**

**Parking:** Please PARK ONLY on the **TOP FLOOR** of the Parking Ramp. An area with “Reserved” spaces on the TOP FLOOR have been reserved for SkillsUSA. Do not park in the lower level spaces. These are for employees only. Surface parking lot located farther east off 82<sup>nd</sup>, on right.

**Contestants:**

Dress Code – Shop clothing, leatherwork shoes

**May NOT wear school uniform or any uniform with a LOGO!**

Please NO School Logo!

Bring – typewritten resume, 2 pencils, calculator, safety glasses

*(No Cell Phone calculator's will be allowed)*

**No SMOKING and NO Personal Electronic Devices  
will be allowed!**

(This includes Video Cameras, Digital cameras, Photographic cameras, Cell Phone, Pagers, MP3 Players, blackberry, i-pods and etc. at the contest!)

**Contestants will be disqualified!**

**Schedule:**

11:15 am	Contestant / Advisor arrival
11:45 am	Welcome / Introductions / Agenda Review
12:00-3:00 pm	Workstation rotations & written test
3:00-3:15 pm	Workstation review
3:15-3:30 pm	Survey / evaluation
3:30-4:00 pm	<i>(Tentative) Facility tour / special presentation- if time allows</i>

# 2010 Residential Wiring and Industrial Motor Control Contest

**Contest Day & Schedule: Saturday, April 10<sup>th</sup>, 2010**

This years RWI & IMC Contest will be held on site at **JH Larson  
10200 51<sup>st</sup> Ave. North, Plymouth, MN 55442-4504** *(Park on the South  
Side of the Building and enter the Main Entrance)*

Transportation will be **NOT** provided to and from the contest.

**Students MUST BRING and WEAR – safety glasses!**

- This schedule is for both the Residential Wiring and Industrial Motor Controls contests
- Contestants should arrive about 15 minutes early (7:45 AM) prior to the 8:00AM start in the Training Center at JH Larson.
- Contestants should bring Tool Box & Material Box to warehouse contest Floor Upon arrival at contest site. 7:45 AM
- Contestants should have bottled water, earplugs, scratch paper, Calculator, 2008 Code Book, and pencil as desired.
- Contestants **MUST wear safety glasses** at all times in the contest mock-up area.

**Please have your student DRESS- in Appropriate work attire! NO JEANS with holes are allowed this year! No SCHOOL or WORK UNIFORMS. NO School LOGOS Allowed. See list of TOOLS needed for both contests.**

- Students must wear Leather Work boots or shoes with upper leathers.
- No Electronic Devices Allowed. (Example: Cell Phones, I-pods, Blackberry's and etc) **Could be disqualified.**
- The contest time is from 8:00AM to Noon. (4 hours)
- After students have completed their contests, either early or at noon, they will gather their tools and leave in Work Area and proceed to the Training Center.
- Lunch will be provided at noon in the conference room next to the Training Center and a raffle will take place.
- Students will wait in the Training Center until judging is complete.
- After the judges are finished, contestants will help to strip their mock-up area down, sort their materials, deconstruct the mock-up wall panels, and stack the panels off to the side for pick up next week.

**Advisors are EXPECTED to assist their students in this effort on clean up.**

# Residential Wiring and Industrial Motor Control

## Equipment and Materials that need to be brought on Contest Day:

### Residential Wiring

Arc-joint pliers  
Assorted flat blade and Phillips screwdrivers  
Conduit bender, - EMT  
Conduit reamer  
Cordless electric hand-drill with **2 extra CHARGED batteries**  
 $\frac{3}{4}$ " spade or ship auger bit  
Diagonal pliers  
Electrician's hammer  
Electrician's knife  
*No razor knives or box cutter will be permitted*  
Hacksaw  
Keyhole Saw with wood & wall board blade  
Measuring Tape  
Multimeter (volt, ohm, amp) or Equivalent voltage and continuity tester  
National Electrical Code book- 2008  
Needle nose pliers  
Non-programmable scientific calculator  
Pencil  
Side cutting pliers  
Tool pouch or medium tool bag/box  
Torpedo level  
Wire strippers  
1 page resume

### Industrial Motor Control

Diagonal pliers  
Sidecutters  
Long-nose pliers  
Pump pliers  
Wire strippers  
Knife  
Assorted flat blade and Phillips screwdrivers  
8' folding rule  
12' or longer measuring tape  
Electricians hammer  
Hacksaw  
Torpedo level  
Electrical tape and connectors  
Crimping tools  
 $\frac{1}{2}$ " EMT conduit bender  
Multimeter  
National Electrical Code book- 2008  
Supplies for drawing ladder diagram  
*(Pencil, straightedge, etc)*  
Calculator  
1 page resume