



1/8/2011

## Illinois SkillsUSA

### Rules for New Illinois (ONLY) Contests &

### Illinois Contests Variations from National Contest Rules

- There are 4 new Illinois (ONLY) contests this year. All current rules for Illinois (ONLY) contests, with the exception of the 4 new 2011 demonstration contests, are found in the 2009 Edition of the Illinois SkillsUSA Advisor's Handbook. Any previous editions of this handbook should not be used. The 4 new 2011 demonstration contests are listed below.
- Following the 4 new demonstration contests below are National Level SkillsUSA contests for which our contest supervisors have chosen to make variations in the rules that will remain for the foreseeable future. Contests having special requirements which may change on a yearly basis are found listed at the "Contest Rule Updates and Cancellations" link.

## 4 New Contest Descriptions

### Networking Technologies: High School Division Entries Only—ILDEMO1

Contest Description: Networking Technologies is a new contest that is designed to incorporate students Network Plus skill sets and also introduce them to the Cisco environment. In this new competition, we are providing the router configurations and step-by-step instructions on the configuration. Besides providing the router configuration, students will be given the configuration in paper format at the briefing and be allowed to review it with their advisors the night before competition. However, students will be racing against the clock as they will have 1 hour to configure and problem solve.

The goal is for students to create working Wide Area Network and from this configuration, diagnose and troubleshoot common network issues. Students should have an excellent understanding of TCP/IP and Network Subnetting. Also as a part of this competition, students will be required to complete a network sub-netting chart based on a minimum of pre-populated information. This means we will provide only specific information on the chart and the students will need to complete the data.

Students need to configure any network interfaces on their local area side of the network and but also need to be able to work with another technician (non-competitor) to diagnose the issues if they occur.

Students will be required to bring their own laptop with a working serial port. (DB9 Preferred) They must have a loaded operating system and be able to connect to a console of the router with a properly configured connection.

Student Required Tools:

- Laptop required (including your laptop specific power adaptors) with working RS-232 Serial port. DB9 port recommended
- Licensed Windows operating system on the laptop
- Microsoft Port Query Analyzer (Provided by technical committee)
- Command Line Telnet or HyperTerminal
- (RECOMMENDED) Network Cable tester (No equipment share between schools/students)

Routers, Switches and Network Cabling (Provided by technical committee)

---

### **Information Securities Analysis—ILDEMO2**

Contest Description: This new competition's scope is designed around understanding security concepts of Security Plus. This competition is not hands on but is conducted virtually via website. (Student is required to be present at the State Conference). The student will be given multiple scenarios via a web flash or DVD video and will need to answer a series of questions on the video. Each scenario will be extremely difficult. The competitor should expect to see 45 to 60 questions. Students should prepare for this as though they preparing for the certification exam.

---

### **Server Provisioning and Administration—ILDEMO3**

Contest Description: This new competition's scope is designed to measure student skill in meeting configuration requirements for provisioning new servers or administering existing servers. The student, who will be a virtualized template of a server, will be required to configure the server to a specifications sheet. The server will need to completed in an exact time frame and will have to have all requirements completed. Only 4 students who satisfy the most requirements within the time limits will move on to 2<sup>nd</sup> elimination round. In the second elimination round, the time period will be shorter and a higher level of difficulty. There are no second round eliminations. In the 3<sup>rd</sup> and final round, the leading scorers for the High School and College divisions will be given a time advantage of 10 minutes. No exceptions will be grated for the first round. 1<sup>st</sup> Tiebreaker is your total time to complete round 1, 2<sup>nd</sup> Tiebreaker is your Server + Exam. 3<sup>rd</sup> Tiebreaker will be issued as a surprise. We believe the level of difficulty is such where there will be no ties.

- Round 1: 55 minutes
- Round 2: 45 minutes
- Round 3: 30 minutes (Round 2 leading scores will have 40 minutes)

Student Required Tools:

- Laptop Required (including your laptop specific power adaptors)
  - Xen Center Required (Provided by Technical Committee)
- 

### **Virtualization Technologies—ILDEMO4**

Contest Description: This new competition's scope is designed to measure student skill in configuring a Citrix Xen Server Virtual Environment. Each student will be required to load the Hyper-visor and configure 2 servers. The student will have to display the following competencies:

- Load Xen Center
- Create a connection to a storage repository for your VHD
- Create a connection to an ISO library
- Verify the proper system resources are allocated from a specifications sheet.
- Join your Xen Server to a Pool Master.
- Migrate a VM from your host server to the Pool Master.
- Complete a P to V conversion of an existing Physical Server.
- Verify your server can be monitored Xen Center

#### Student Required Tools

- Laptop Required (including your laptop specific power adaptors)
- Licensed Windows operating system on the laptop.
- Xen Center Required (Provided by Technical Committee)

---

### Rules for other contests with variations on the following pages:

- Computer Programming – C++ and Java
- Collision Repair Technology
- Cosmetology
- Nail Care
- Photography
- Television (Video) Production
- Welding

---

### Determining the National Qualifier for Programming

There is only one competition at the national level for programming. The Illinois state competition has two separate contests, one for Java and one for C++. There will be medals and ribbons awarded for each of the 2 contests. There can only be one student sent to Nationals; and that will be determined as follows:

1. The problems to be solved and their corresponding point values are identical for both contests, Java and C++.
2. The equipment used and the amount of time allowed will be identical for both contests. The software and compilers will be different for each contest due to the languages being different.
3. All students from both contests will be ranked by score, not by the order that they finished in their individual contest. The scores will be used to determine who will be sent to nationals and who will be the alternate. This means that it is possible for two students from the same contest (Java or C++) to be the top student and the alternate for the national competition.

---

### C++ Programming Contest

**Purpose:** To provide students with an opportunity to demonstrate their skills and knowledge of computer programming using the C++ programming language.

**Observer Rule:** No observers shall be present during the actual test taking unless approved by the contest supervisor.

**Procedure:** The contest will consist of the writing C++ programs. Each will have a point value. The points will be totaled and the contestant with the highest point total will be declared the winner. In case of a tie, the student who completes the contest in the least amount of time will be declared the winner.

**Rules:**

1. Points will be added for completeness and accuracy of the output and code.
2. All materials used for the test will be provided by the contest supervisor.
3. There will be a time limit of two hours. The order in which contestants complete the test will be recorded and used only in the event of a tie.
4. The test will be open book and open notes. Students may use one reference book. They may have copies of programs both published and unpublished. Students may not use any media type that information can be stored upon, such as a cd or flash drive, unless provided by the contest supervisor. Students may not use the internet during any part of the competition. Violations could result in disqualification.
5. Test Topics:
  - a. The topics will follow very closely to the AP computer science test given by the College Board. It will only cover the "A" exam topics. It is suggested that you check the College Board web site for specific topics. This is true even though the AP exam is for Java.
  - b. The syntax of C++.
  - c. All problems may be solved in main and creating functions for the class will not be necessary.

**Required contest personnel:**

1. Contest supervisor or supervisors
2. 3 judges (programmers)

**Materials and Equipment:**

1. Supplied by the technical committee
  - a. Test problems
  - b. Appropriate computers and software.
2. Supplied by the contestant
  - a. Approved reference materials
  - b. Resume

---

## **Java Programming Contest**

**Purpose:** To provide students with an opportunity to demonstrate their skills and knowledge of computer programming using the Java programming language.

**Observer Rule:** No observers shall be present during the actual test taking unless approved by the contest supervisor.

**Procedure:** The contest will consist of the writing Java programs. Each will have a point value. The points will be totaled and the contestant with the highest point total will be declared the winner. In case of a tie, the student who completes the contest in the least amount of time will be declared the winner.

**Rules:**

1. Points will be added for completeness and accuracy of the output and code.

2. All materials used for the test will be provided by the contest supervisor.
3. There will be a time limit of two hours. The order in which contestants complete the test will be recorded and used only in the event of a tie.
4. The test will be open book and open notes. Students may use one reference book. They may have copies of programs both published and unpublished. Students may not use any media type that information can be stored upon, such as a cd or flash drive, unless provided by the contest supervisor. Students may not use the internet during any part of the competition. Violations could result in disqualification.
5. Test Topics:
  - a. The topics will follow very closely to the AP computer science test given by the College Board. It will only cover the "A" exam topics. It is suggested that you check the College Board web site for specific topics. This is true even though the AP exam is for Java.
  - b. The syntax of Java.
  - c. All problems may be solved in main and creating functions for the class will not be necessary.

- Required contest personnel:**
1. Contest supervisor or supervisors
  2. 3 judges (programmers)

- Materials and Equipment needed:**
1. Supplied by the technical committee
    - a. Test problems
    - b. Appropriate computers and software.
  2. Supplied by the contestant
    - a. Approved reference materials
    - b. Resume

## **Collision Repair Technology**

**Purpose:** To evaluate each contestant's preparation for employment and to recognize outstanding students for excellence and professionalism in the field of collision repair technology.

**Clothing Requirement:** Official SkillsUSA light blue work shirt and navy pants, black or brown leather work shoes, and safety glasses with side shields or goggles. (Prescription glasses can be used only if they are equipped with side shields. If not, they must be covered with goggles.) To purchase official work clothes, contact the SkillsUSA Store by calling 1-800-401-1560 or order online.

**Eligibility:** Open to active SkillsUSA members enrolled in programs with collision repair technology as the occupational objectives.

- Materials and Equipment:**
1. Supplied by the technical committee
    - a. Basic equipment of an autobody and refinishing laboratory.
    - b. Materials for metalworking phase
      1. Identical hood or fender panels to be repaired
      2. Stands to support hood or fender panels
    - c. Materials for painting phase:
      1. Solvent surface cleaning material
      2. Solvents for thinning various primers
      3. Solvents for thinning various paints

4. Tack rags
5. Strainers and mixing paddles
6. Sealers
7. Paint
8. Primer
9. Clear coat
- d. Materials for plastic repair phase:
  1. Cleaning solvent
  2. Plastic repair material
  3. Plastic panels for repair
- e. Materials for estimating phase:
  1. Vehicle owner's name and address
  2. Estimate sheets
  3. Estimate manuals
  4. Calculator
  5. Parts price list for vehicle involved
6. Supplied by the contestant:
  - a. Body file
  - b. Flat and pick hammers
  - c. General purpose dolly
  - d. Air sander
  - e. Spray gun
  - f. Metal grinder
  - g. Cartridge-type respirator
  - h. Welding hood
  - i. Welding gloves
  - j. Body filler
  - k. Mixing boards and spreaders
  - l. Various grits of sandpaper
  - m. Paint suit
  - n. Other special tools as approved by the technical committee
  - o. One-page, typewritten resume

**Scope of the Contest:**

1. Contestants will demonstrate their ability to perform tasks selected from the following list of competencies as determined by the Illinois SkillsUSA Championships technical committee. Contestants will complete four 90 minute sessions. Following is a list of the sessions that will be completed. Each contestant will be notified of the order in which to complete the sessions during a briefing the morning of the contest.
  - a. Metalwork/Plastic repair  
(contestants will complete the Metalwork and Plastic Repair contests during this session)
    1. Metalwork
      - a. Metal finish one damage area
      - b. Finish second damaged area with body filler to the point of being ready to apply primer surface
    2. Plastic repair
      - a. Make cosmetic surface repairs on plastic panels
      - b. Surface preparation
      - c. Mixing and applying repair material
      - d. Blocking and feathering edging
  - b. Painting and Refinishing

1. Clean and prep panel
2. Feather edge repair areas
3. Apply corrosion protection
4. Regulate air and adjust paint gun
5. Demonstrate overall refinishing techniques
6. Apply base/clear paint materials
- c. Welding and Cost Estimating  
(contestants will complete the Welding and Cost Estimating contests during this session)
  1. Welding
    - a. Turn on and determine proper settings on a GMAW (mig) welder
    - b. Perform plug welds
    - c. Perform lap welds
  2. Cost Estimating
    - a. Estimate cost for repairing damage using repair estimating manuals
- d. Structural Diagnosis and Written Test  
(Contestants will complete the Structural Diagnosis and Written Test during this session)
  3. Structural Diagnosis
    - a. Determine control points in vehicle structure
    - b. Measure frame and unibody structure using a tram gauge
    - c. Diagram needed repairs for various structural misalignments
    - d. Identify structural members within a Unitized vehicle
    - e. Identify components of steering and suspension systems
  4. Written Test
    - a. Contestants will complete a test pertaining to all aspects of the collision repair process.

**Contest Supervisors:**

Rich Schoon  
Schoon's Collision Center  
20770 Torrence Ave  
Lynwood, IL 60411  
708-758-3800

Brad Zara  
Zara's Collision Center, Inc.  
3117 Widetrack Drive  
Springfield, IL 62703  
217-522-7768

**Cosmetology Competition**

**Purpose:** To evaluate each contestant's preparation for employment and to recognize outstanding students for excellence and professionalism in the field of cosmetology.

**Clothing Suggestions:** **For men:** White work shirt, black dress slacks, and closed black leather work shoes or closed black dress shoes. **For women:** White collarless blouse, black dress slacks, black socks or black or skin-tone hose, and closed black leather work shoes or black dress shoes. **For models:** White

collarless blouse, black dress slacks or skirt, black or skin-tone hose and black shoes.

**Eligibility:** Open to active SkillsUSA members enrolled in programs with cosmetology as the occupational objectives.

- Materials and Equipment:**
1. Supplied by the technical committee
    - a. Tables and chairs
    - b. Hair dryers
    - c. All necessary information and supplies for judges and technical committee
    - d. Any and all pictures or literature of styles, haircuts, and technical's
    - e. First aid kit
    - f. Blood spill kit
  2. Supplied by the contestant:
    - a. Cutting shears
    - b. Thinning shears
    - c. Razor and spare blade
    - d. Curling iron
    - e. Blow dryer
    - f. Sanex (neck strips)
    - g. Hair spray
    - h. Combs
    - i. Brushes
    - j. Styling lotions
    - k. Spray bottle (filled with water)
    - l. Rollers (no brush or Velcro types permitted)
    - m. Clippies or hair clips
  3. Optional:
    - a. Clipper
    - b. Bobby pins and hair pins

**NOTE:** Other items brought by the contestant will be subject to approval of the national technical committee and must be declared at the time of the site kit check.

- Scope of the Contest:**
1. Contestants will demonstrate their ability to perform jobs of skills selected from the following list of competencies as determined by the SkillsUSA Championships technical committee.
    - a. Cutting and Shaping Hair on Mannequin  
Must be able to duplicate a predetermined haircut which has been selected by the national technical committee
      1. Scissors and/or razors
    - b. Setting and Combing Hair on Mannequin or Model  
Must be able to wet set hair using any of the following:
      1. Pin curls
      2. Rollers
      3. Finger waving
    - c. Styling on Mannequin or Model  
Must be able to:
      1. Duplicate a predetermined style
      2. Set and comb out a daytime and evening style on model
      3. Create long hair design on mannequin
    - d. Finger Dry with Blow Dryer
    - e. Communication Skills

Contestant must be able to follow oral and written instructions, respond to oral questions, demonstrate customer service skills by phone or in person, and/or demonstrate oral presentation skills:

1. Approximately 2-3 minutes
  2. One of the following communications skills will be tested
    - Booking a new client
    - Follow-up call
    - Professional product recommendation
  3. 15 possible points
- f. Written Examination
- Contestant will answer 15 multiple choice questions covering all aspects of cosmetology
1. 15 possible points

**Contest Instructions:**

The national technical committee will develop a contest from the stated competency list

**Orientation Meeting:**

An orientation meeting is conducted the day before the contest. The contest rules are reviewed as well as clothing requirements.

- Models:**
1. Models must be active SkillsUSA members of the same state SkillsUSA association as the contestants in either secondary or postsecondary divisions and may be enrolled in any technical program. They will be recognized at the awards program along with the contestant.
  2. Models must be supplied by the contestants and must have hair of sufficient length to execute the selected style.
  3. Models' hair must be shampooed, cut, and dried before returning to the contest site.
  4. Models' makeup (if needed) is to be applied only by the contestant

- Daytime Style:**
1. The contestant, and only the contestant, must choose a style that is suitable to his or her model, and must be able to execute the proper technical concepts required on model.
  2. The contestant will do a complete set and full comb out of a daytime style on his or her model, which will be judged (use of current trend optional).
  3. No mechanical devices are to be used for the daytime style such as blow dryers, curling irons, crimping irons, electric rollers, brushes, or hot combs.

- Evening Style:**
1. Contestants will be asked to set and comb out an evening style. The contestant will be asked to brush out the day style and recomb the same head for an evening style.
  2. No hairpieces, weaving, ornaments, extensions, ribbons, headbands, or color spray may be added to the hair in any portion of the contest. Only hair growing from the models' head may be used to create the style.
  3. Blow dryers, curling irons, and marcel irons are permitted during the evening style. Use of styling products is acceptable. Rewetting the hair is not acceptable.
  4. Earrings may be used but must not be worn until the hair has completely combed in the evening style.

- Mannequins:**
1. Haircut and air form design.

- a. Scissors, razors, and thinning shears may be required to complete haircut (clippers optional).
  - b. Blow dryers and curling irons may be required to complete blow styling.
  - c. **NOTE:** the technical committee will supply mannequins and holders. If this changes in a given year, contestants will be told in advance to bring their own mannequins and holders.
2. Long Hair Design
    - a. Competition will have 1 hour and 30 minutes to create a long hair design.
    - b. Any techniques may be used (braiding, twisting, rolls, loops, etc.). Competitors must bring their own rubber bands or bobby pins.
    - c. No hairpieces or ornamentation allowed.
    - d. Competitors may apply makeup to the mannequin, but they must complete the application during the time allocated.
    - e. No haircutting allowed (slight trimming on the ends OK).
  3. Contestants will be asked to present their completed evening style to the audience and judges during the parade finale. Presentations should last approximately one minute.
  4. In general, judges will look for balance, control of texture, and control of direction in the finished designs.

**Parade Finale:** 1. Once the contest has been completed, contestants will be added to the parade, take down mannequins, and clean up.

**Contest Rules:** 1. All contestants must keep their working area clean and organized.  
 2. All contestants must follow sanitation and safety procedures throughout the contest.  
 3. Professional attitude and communication is expected through the contest.  
 4. Once time is called, contestant must stop working. Touching the hair of the mannequin or model after time is called will result in three penalty points.  
 5. Cell phones must be turned off during the contest.

## Nail Care Competition

**Purpose:** To evaluate each contestant's preparation for employment and to recognize outstanding students for excellence and professionalism in the field of nail care and cosmetology.

**Clothing Suggestions:** **For men:** White work shirt, black dress slacks, and closed black leather work shoes or closed black dress shoes. **For women:** White collarless blouse, black dress slacks, black socks or black or skin-tone hose, and closed black leather work shoes or black dress shoes. **For models:** White collarless blouse, black dress slacks or skirt, black or skin-tone hose and black shoes.

**Eligibility:** Open to active SkillsUSA members enrolled in programs with cosmetology / nail care as the occupational objectives.

**Materials and Equipment:**

1. Supplied by the technical committee
  - a. Anti-microbial cleanser (for pre-cleaning hands of the contestant and model)
  - b. Hand sanitize (for use by contestant and model)
  - c. Disinfectant tray system with solutions (for implements)
  - d. Disinfectant /sanitation surface spray (for work environment)
  - e. Technical guidelines for the specific applications required to be performed
  - f. Disposable table towels
  - g. Plastic bags, gallon size, for disposal and refuse
  - h. One electrical outlet per contestant
  - i. The following items needed to complete 3 sculptured two-tone/French manicure acrylic nails: OPI Bondex Acrylic Bonding Agent, OPI Aid, OPI Polish Remover, OPI NAS '99' Nail Cleanser, 3 Dappen Dishes with OPI Liquid Monomer, OPI Pink Powder, OPI White Powder in your choice of Traditional, Clarite, Competition 3000 or Absolute Acrylic Systems.
  - j. The following items needed to complete 2 wrap nails: Backscratchers Stikr Resin, Backscratchers Kikr Activator, Backscratchers Fiberglass Mesh
  - k. OPI Red Nail Lacquer

All contestants must supply a one-page typewritten resume and the items listed below.

3. Supplied by the contestant:
  - a. Safety glasses for contestant and model.
  - b. White terry towels. No holes or stains allowed
  - c. Water bottle dispenser
  - d. All items necessary to complete flat-paint nail art application. (NOTE: supplies are limited to polish, lacquers, paints and sealer (see items not allowed)).
  - e. Written description of the nail art theme. NOTE: due at registration.
  - f. Portable kit organizer (to transport all items necessary for the contest)
  - g. Files and buffers needed to finish all nails
  - h. Forms & sable brush for acrylic application tip cutters for tip and wrap applications
  - i. Full well tips for tip and wrap application
  - j. Manicure table lamp & electrical extension cord if contestant needs additional lighting
4. Items not allowed
  - a. Nail art accessories: Gems, Skills, feathers, rhinestones, glitters, threads, fabrics, foils, beads, tapes, jewelry, air brushing, decals/stencils or cast molding.
  - b. Free-edge or ½ well tips.
  - c. Tip blenders
  - d. Top coats or base coats NOTE: Sealer is allowed for nail art application only
  - e. Electric files/drills

Any other items brought by the contestant must be declared at the contest briefing session.

**Scope of the Contest:**

1. Contestants will demonstrate their ability to perform jobs of skills selected from the following list of competencies as determined by the SkillsUSA Championships technical committee.
  - a. Initial Preparation

Pre-judged before the start of the contest at the contest site. The following will be evaluated:

    1. Table setup; can only consist of items needed for the specific contest application in progress (i.e. if sculptured and tip & wrap are in progress, nail art materials should not be visible during this time. Time will be allowed between each contest to reset table.
    2. All products and solutions must be properly identified with the manufacturers original packaging and labeling and cannot be defaced.
    3. Required tools and products must be accounted for and professionally organized.
    4. No jewelry is to be worn by the model during the competition (i.e., rings, watches or bracelets.)
  - b. Oral Professional Development Assessment

A 3-4 minute presentation on the benefits of Natural Nail Care. You can direct your presentation to the judges as if they were a client who came to you for a consultation. The presentation should cover the following points:

    1. Recommended natural nail care services.
    2. Results the client should expect.
    3. The home care products the client would need to purchase and use to obtain these results.
  - c. Acrylic Application

1 hour & 15 minutes TOTAL Alloted for Acrylic and tip & Wrap application—3 fingers (middle, ring and pinkie) of the model's left hand are to be sculpted with forms, no tips, using the two-tone/French manicure technique. The following will be evaluated:

    1. Initial Degree of Difficulty: Based on condition and characteristic of natural nails.
    2. Acrylic application: product control, clarity/no bubbles, smile line, c-curve, arch, thinness and continuity.
    3. Finished appearance: smoothness, shape & length consistent and proportionate to hand, high gloss shine and cuticle involvement.
  - d. Acrylic Application

1 hour & 15 minutes TOTAL Alloted for Acrylic and tip & Wrap application—2 fingers (thumb and pointer) of the model's left hand are to have nail tips applied and blended and overlaid with a wrap system. The following will be evaluated:

    1. Tip Application: fit, alignment, and blending.
    2. Fabric Application: placement
    3. Resin/Adhesive Application: product control, even coverage of fabric and thinness.
    4. Finished Appearance: Clarity, smoothness, shape and length consistent and proportionate to hand hi-gloss shine and cuticle involvement.
  - e. Lacquer/Polish Application

1.5 hours Alloted for Lacquer & Nail Art application—2 coats of Dark Red Crème Lacquer/Polish is to be applied to the model's right hand. The following will be evaluated:

    1. Neatness, coverage, evenness and cuticle involvement.

- f. Flat Nail Art Application  
1.5 hours Alloted for Lacquer & Nail Art Application—Nail art is to be applied to all 5 fingers of the model's left hand. A specific theme is to be carried through on all 5 fingers and in a awritten description. Contestant must have written and submitted a description of the theme they intend to create at registration. Diagrams of the art you intend to create can also be used. All nail art must be created using polishes, lacquers or paint ONLY! The following will be evaluated:
  - 1. Creativity; theme, follow through of theme, artist expression, and color coordination.
  - 2. Level of difficulty; complexity of design.
  - 3. Precision; neatness and clarity of lines.
- g. Written Examination: 30 minutes  
Test will consist of 50 multiple-choice questions covering all aspects of nail care.
- h. Professionalism & Organizational Skills. The following will be evaluated:
  - 1. Cleanliness and organization of the working environment
  - 2. Sanitation and safety procedures followed throughout the contest
  - 3. Communication and listening skills

- Contest Rules:**
- 1. Contestants are not permitted to touch their models after they have been seated in the competition area until the competition begins.
  - 2. All contestants must bring a model for the competition.
  - 3. Time limits: 1 hour 15 minutes for acrylic and tip & wrap, 30 minutes for written examination and 1 hour 30 minutes for polish and flat nail art applications. All segments of work must be completed in the specified time during the competition. (i.e., during the acrylic and tip & wrap segment, no work may be completed or started on the nail art or polish application.)
  - 4. Disqualification or penalty points taken can occur for the following:
    - a. Any rule not followed with NO exceptions!
    - b. Leaving competition area before completion of model (applies to both contestant and model) without proper escort.
    - c. Unauthorized use of a product that is not allowed or that doesn't appear in the above listing.
    - d. Any product that appears to have been altered.
    - e. Talking during competition.
    - f. Improper attire.
  - 5. Time will be used as a tiebreaker only.
- 

## Photography

- Materials and Equipment:**
- 1. Supplied by the contestant:
    - a. Digital camera
    - b. Laptop computer with Adobe Photoshop installed
    - c. Flash unit
    - d. At least 3 blank recordable CDs
    - e. Any needed batteries

- f. Power cord extension for computer
- g. Camera storage media and appropriate card reader for transfer to computer
- h. A one-page typewritten resume

**Contest Rules:**

1. Contestants begin shooting photographs as soon as the doors open to the public at the Prairie Capital Convention Center. Capture images of the students and people working in the different contests. You may also shoot at the Capital Area Career Center, beginning no earlier than when the doors open to the public at the Prairie Capital Convention Center and capturing images of students people working in contests at that location. You may use the shuttle busses on your own transportation to travel between the P.C.C.C and the C.A.C.C. See the bus schedule posted by the State Conference Director.
2. You must check in with the contest supervisor at the photography classroom of the Capital Area Career Center no later than 12:00 noon. The classroom is located on the second floor of the communications and media wing of the Career Center. You will set up your computer at a designated table in order to begin transferring and enhancing the photographs you have taken that are described in the above paragraph. You will also submit one previously printed and mounted digital photograph (as specified in the Photography contest rules of the most recent version of the SkillsUSA Championships Technical Standards) when you check in with the contest supervisor. You will also submit your one-page typewritten resume to the contest supervisor, if you do not submit it at the contest briefing.
3. **Image enhancement by the contestant:** You may use any tools in Adobe Photoshop to enhance your images in order to make the images more expressive. (Refer to the SkillsUSA Championships Technical Standards Photography contest description for more details on image enhancement.) You will select the five best from your enhanced images to submit for judging and burn the five selected images onto a CD using an IBM/Windows file JPEG format and label this CD with your contestant number and "Five Photographs". You will burn all your other photographs onto a second CD, using the same JPEG format, and label it with your contestant number and "Original Images". You will leave both CDs and the mounted print at the table which was designated for your computer. **You must have all work completed by 2:30 pm for judging.** Both CD and mounted print will be retained by Illinois SkillsUSA for exhibition.
4. If you or your advisor have any questions prior to the contest, **contact: Jerry Schneider at 217- 529-5431 ext. 162. E-mail: [jschneider@caccschool.org](mailto:jschneider@caccschool.org).**
5. NOTE TO ADVISORS: Give your students a copy of this document and review it with them prior to the contest. In the event there is no contestant briefing scheduled after the State Conference opening ceremony, the contestants will follow the above procedures with no changes.

**Television (Video) Production**

**Purpose:** To evaluate team's ability to gather and edit TV video and sound in a news format.

**Clothing:** As per Illinois SkillsUSA rules.

**Eligibility:** As per Illinois SkillsUSA rules.

**Materials and Equipment:**

1. Supplied by each team:
  - a. Color TV camera with batteries
  - b. Blank video tapes
  - c. Microphone(s) and cables
  - d. Tripod
  - e. Video Recorder
  - f. Video editing suite
  - g. Multiple outlet power strip and extension cords
  - h. Monitors
  - i. NOTE: Teams must bring enough tape for shooting and editing (a minimum of three blank tapes). Bring the format that you will need to use for your equipment. It should be noted that Capital Area Career Center's (CACC) editing equipment can handle only  $\frac{3}{4}$  MBR 20 S mini and  $\frac{1}{2}$  T-120 VHS.

**Rules:**

1. Each team will be assigned a SkillsUSA event to produce a 30-40 second story about event.
2. Teams will use their own portable camera/video recorder/mics/tape to gather the raw material.
3. Teams are assigned a time to edit their materials to the 30-40 second story.

**Judging:**

1. To be determined by the Contest Supervisor.

**Questions:**

For questions, please contact the Technical Committee through Jerry Schneider at: 1-217-529-5431.

**Special Information:** Set up and tear down times can be made by calling Jerry Schneider at 1-217-529-5431 before contest day or following regular set up times which are (during the State Conference) Thursday, before 4:30 p.m. and from 6:00 p.m. to 8:00 p.m. and on Friday, 7:00 a.m. to 8:00 a.m. Please note that access to the CACC Communications and Media classrooms and labs will be strictly limited on contest days. **Please note the following:**

1. Team Coaches and Sponsors may accompany their teams to deliver and may assist teams in setting up equipment in the CACC TV classrooms and labs only during these specific times: Thursday of the State Conference, 9:00 a.m. until 11:00 a.m. & 12:30 p.m. until 5:00 p.m. and on Friday of the State Conference, 6:30 a.m. until 8:30 a.m.
  2. Should a team experience technical problems with their equipment or software during the contest, which the team members themselves cannot correct, they will not receive any assistance from anyone, including coaches and judges.
  3. Only student team members may be present in the CACC Communications and Media classrooms and labs during the contest period, except as noted in #1 and #4.
  4. All teams must remove their equipment when they have completed their competition. Coaches and other non-team members may assist in equipment removal from the CACC labs – only after all teams have completed competition or between 3:00 p.m. and 4:00 p.m. on the Friday of the State Conference, whichever comes first.
  5. Violations of these rules will result in the disqualification of the offending team.
-

## **Welding Contest**

### **Materials and Equipment:**

1. Supplied by each contestant:
  - a. Welding hoods with a #11 or greater lens.
  - b. Gloves and safety glasses
  - c. Leather shoes and long sleeve shirts or arm protection
  - d. One-page, typewritten resume

### **Rules and Judging:**

1. All projects will be graded based on the following:
  - a. Layout and weld size  
Completed projects will be checked for accuracy. Layout and weld size will cover the following:
    1. Proper location of parts as indicated by the prior
    2. Proper weld size
    3. Proper welding process on the appropriate welding joint as indicated by the print
    4. Proper lengths and location of welds
    5. Proper location of Oxy-fuel cuts
    6. Ability to read weld symbols and follow print instructions
  - b. Visual appearance  
Visual appearance will be determined by the following:
    1. Weld uniformity
    2. Weld discontinuities such as:
      - a. Undercut
      - b. Lack of fusion
      - c. Porosity slag inclusions
      - d. Unfilled craters
      - e. Lack of penetration
      - f. Excessive or inadequate reinforcement
      - g. Poor coloring (stainless steel)
  - c. Safety  
Good safety judgment should be used at all times. Below are some examples of good judgment.
    1. Safety glasses must be worn in the shop at all times
    2. Protective equipment as mentioned above must be worn while welding
    3. While grinding, a full face shield must be worn. Grind sparks should be directed downward where possible
    4. While Oxy-fuel cutting, an Oxy-fuel protective filter lens must be worn.
    5. No metal jewelry

---

**Good Luck to All Contestants!!**