

SkillsUSA Colorado State Leadership and Skills Conference Wednesday, April 10 – Friday, April 12, 2019

Conference Headquarters
Hotel Elegante
2886 South Circle Drive
Colorado Springs, CO 80906

Advisors,

Things are gearing up for the annual SkillsUSA Colorado State Leadership and Skills Conference (SLSC)! Thank you for your patience and support throughout this year's changes. I am happy to help you navigate questions or concerns and appreciate constructive feedback. As you prepare to register for the state championships, please read the following information carefully, as it contains all the information you need to register your students for this year's conference.

Conference registration fee: \$99 per individual for all persons attending the SLSC

Hotel: The rate for single-quad occupancy is \$106 + 10.25% tax, per room per night

New This Year

- **State Officer Elections** – With the bylaws update last year, State Officers will be elected in a delegate session. Each school will be represented by two (2) voting delegates. Please note your voting delegates during the registration process.
- **Automotive Service Technology Contest** – Although there will still be a written test, it will not determine placement in the contest. It will account for 10% of the total contest score. All competitors that advance from regionals will compete in the contest.
- **Maintenance and Light Repair Contest** – This contest replaces the Jerry Boor contest and will be for High School students only. The first place winner will advance to a national competition.

Important Dates & Deadlines

Friday, March 1, 2019 at 11:59 pm MST

- SLSC registration deadline
 - No registrations will be accepted after the registration deadline.
 - No registration refunds will be processed after the registration deadline.
- State Officer Candidate Applications Due

Friday, March 8, 2019 at 11:59 pm MST

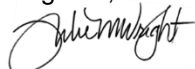
- Hotel registration deadline.
 - Please remember that our block is filled on a first come, first served basis.
- Chapter Excellence Program deadline

Friday, March 15, 2019 at 11:59 pm MDT

- SLSC payment deadline
 - Checks should be made out to SkillsUSA Colorado and mailed to 9101 E Lowry Blvd, Denver, CO 80230.
 - Credit card payments are collected via PayPal. Instructions to use the proper credit card link will be sent with the confirmation e-mail received after registering. A convenience fee of 4% will be added to the registration. This convenience fee shows up as tax in the PayPal system, but is NOT a tax, it is a convenience fee.
- State Officer candidate applications due.

Please feel free to contact me with any questions or concerns you have regarding the SkillsUSA Colorado State Leadership and Skills Conference.

Regards,



Julie Wright

Cell (text or voice): 720.418.9311

Conference Information

Special Accommodations

For members that require special accommodations, complete the "Notes" portion in the registration system. Example reasons that students may need special accommodations would include wheelchair access or interpreter services or food allergies or IEP determined accommodations.

Clothing Requirement

Black pants/skirt, white dress shirt & tie or blouse, or white polo shirt are the minimum dress requirements for the opening and closing ceremonies. Students not in proper attire may not be allowed to participate in conference activities including testing, competitive events, and award ceremonies. **Students who are not in proper attire will not be allowed on stage to receive awards at the awards ceremony.**

For Thursday Competition: Each student and advisor will receive a SkillsUSA Colorado t-shirt. **This is the official competition shirt for all competitive events on Thursday, April 11th only.** All may wear this shirt with clean, hole-free jeans and clean, casual or safety shoes (as the contest requires) on **Thursday only**. All shoes must be closed-toe and closed heel.

The following should not be worn to any activity:

- Clothing and accessories which are sexually suggestive, which advertise drugs, alcohol or tobacco products or display profanity
- See-through, tight fitting, spaghetti straps, strapless, extremely short or low-cut blouses/tops/dresses/skirts
- Pants or skirts that are worn below the hip bone; no undergarments may be showing
- Spandex, leggings, stirrup pants, leotards, short shorts, cutoffs or pajamas. If leggings are worn, shorts/skirt/dress must be an appropriate length over the leggings.
- Clothing which is stained, torn or ripped
- Bare feet

Contestant Resumes

All contestants **must** bring a hard copy of their **one-page** resume to **turn in at their contest**. Failure to bring a resume will result in a loss of 10 points.

Contest Rules/Technical Standards

All contests are guided by the Official SkillsUSA Championships Technical Standards.

General Competition Rules and Regulations

- The judges are not obligated to award first, second or third place winners if, in their opinion, the performances are below acceptable standards.
- All contest rules shall be as stated in the SkillsUSA Championships Technical Standards, unless exception has been made in the Colorado General Rules and Regulations.
- The decisions of the judges will be final. Final interpretations of all contest disputes will be made by the SkillsUSA Colorado State Advisor and/or the State Conference Grievance Committee. Grievance forms will be available at the SkillsUSA Colorado conference headquarters.

- For any skills contest that has only one school competing, the district results may be certified as the official state result at the discretion of the State Director. Some contests can be certified as the "state contest" if a) only one district in the entire state has a qualified finisher in that category, and b) there is demonstrated proof that the winners of said contest have participated in a state-level-quality contest. **For more information on contest certification, please contact the State Director.**

Conference Registration, Personal and Liability Release Form

A printed copy of the NLSC Conference Registration, Personal and Liability Release Form must be submitted during registration for **each member attending the SLSC**. A blank NLSC Release Form may be found at <http://www.skillsusaca.org/sites/default/files/nlsc1.pdf>.

State Officer Elections

A new Colorado State Officer Team will be chosen at this conference. Please have interested candidates complete the officer application packet. All applications are due by **Friday, March 1, 2019**.

Advisor Meeting

A **mandatory** advisor meeting will be held from 8:15 – 10:00 pm on Wednesday, April 10 at Hotel Elegante.

Meals

If you have a special dietary need, please note them during the registration process.

Thursday, April 11 is the **only** day meals will be provided. Any meal not listed will be on your own. The meals listed below will be provided:

- a full breakfast buffet will be provided to all registered conference attendees, including contestants, advisors and judges at the Hotel Elegante. A name badge is required for entrance.
- boxed lunches will be provided to all registered conference attendees, including contestants, advisors and judges at all contest locations.
- a snack buffet will be provided to all registered conference attendees, including contestants, advisors and judges during the State Officer sponsored social.

Facilithon Contest

This year, there will be a Facilithon (Facility Management) contest at the conference. If your students enjoy action and variety, problem solving, thinking on their feet, and working with people, they may be great at Facility Management.

If your student would be a good candidate, have them compete in the Facilithon and learn about this great career at the State Conference on Wednesday, April 10th. Visit www.FMPipeline.org for additional information and a sample contest. Prizes will be awarded for the top three medalists.

To find out more about this awesome career, go to www.whatisfm.com.

Conference Schedule – Wednesday, April 10

Schedule is subject to change depending on weather and facility requirements/needs.

Time	Event	Location	Notes
12:00 – 6:00 pm	Conference Registration	Hotel Elegante	No on-site new competitor registration.
1:00 – 6:30 pm	Leadership Contests: Individual <ul style="list-style-type: none"> • Action Skills*** • American Spirit (<i>team of 3</i>) • Chapter Display (<i>team of 3</i>) • Community Service (<i>team of 3</i>) • Customer Service • Employment Application Process*** • Entrepreneurship (<i>team of 4</i>) • Extemporaneous Speaking • First Aid/CPR • Job Interview • Job Skill Demonstration A • Job Skill Demonstration Open • Opening / Closing Ceremonies (<i>team of 3</i>) • Pin Design • Prepared Speech • Principles of Engineering Technology • Promotional Bulletin Board (<i>team of 3</i>) • Related Technical Math • T-shirt Design • Welding Sculpture 	Hotel Elegante	Competitors from local area schools and those who arrive early will be placed in the first time slots. The top competitors from the preliminary rounds will move to the final round (as necessary) on Friday morning. *** A letter from the appropriate school official on school letterhead stating that the contestant is classified under the provisions of Public Law 105-17, Individuals with Disabilities Education Act, 1997, is required for participation.
3:00 – 5:00 pm	Contest Orientation & Written Tests: <ul style="list-style-type: none"> • Automotive Service • Maintenance & Light Repair 	Hotel Elegante	Attendance is mandatory.
3:00 – 5:00 pm	Contest Orientation & Written Tests: <ul style="list-style-type: none"> • Automotive Refinishing (B-251) • Collision Damage Appraisal (B-251) • Collision Repair (B-251) • Welding (B-201) <i>Orientation only. The written test will be given during competition.</i> • Broadcast News Production (TBA) 	Pikes Peak Community College* 5675 S. Academy Blvd. Colorado Springs <i>* Approx. 15 minutes from Hotel Elegante</i>	Safety glasses / shoes required. Attendance is mandatory.
3:00 – 5:00 pm	Contest Orientation & Written Tests: <ul style="list-style-type: none"> • Cabinetmaking • Carpentry • Electrical Construction Wiring • HVAC-R • Masonry • Plumbing • Teamworks 	Pikes Peak Community College* Special Campus 850 Aeroplaza Dr. Colorado Springs, CO 80916 <i>* Approx. 15 minutes from Hotel Elegante</i>	Safety glasses / shoes required. Attendance is mandatory.
3:00 – 5:00 pm	Contest Orientation: <ul style="list-style-type: none"> • Digital Cinema Production (<i>team of 2</i>) • TV Video Production (<i>team of 2</i>) 	Hotel Elegante	Attendance is mandatory.
3:00 – 5:00 pm 8:15 – 9:30 pm	Written Tests: <ul style="list-style-type: none"> • Additive Manufacturing • Architectural Drafting • Crime Scene Investigation (<i>team of 3</i>) • Criminal Justice • Diesel Equipment Technology • Photography • Quiz Bowl • Technical Drafting • Web Design (<i>team of 2</i>) • Welding Fabrication (<i>team of 3</i>) 	Hotel Elegante	Students may test at either session. During this first session, all tests must be completed by 5:00 pm. All tests must be completed before leaving the room. There will be no make-up times to take the tests. If no written test is given for the contest at SLSC, students who advance to NLSC will be required to take a content area written test at their competition.
5:00 – 6:30 pm	Quality and Chapter of Distinction Reception and Awards <i>By invitation only.</i>	Hotel Elegante	Light appetizers. Limit two (2) advisors and eight (8) students per chapter.
7:00 – 8:00 pm	Opening Ceremony	Hotel Elegante	Keynote speaker: Kayleen McCabe. All guests must be seated by 6:55 pm.
8:15 – 10:00 pm	Delegate Session State Officer candidate speeches and election.	Hotel Elegante	Two (2) student voting delegates per school.
8:15 – 10:00 pm	Facilithon Contest	Hotel Elegante	
8:15 – 10:00 pm	MANDATORY Advisor Meeting	Hotel Elegante	

Curfew established by local chapter advisor, not to exceed 11:30 pm.

Conference Schedule – Thursday, April 11

Schedule is subject to change. Lunch will be provided to all registered members, advisors, and judges.

Time	Event	Location	Notes
6:00 – 7:30 am	Breakfast Buffet	Hotel Elegante	Conference name badge required.
8:00 am – 4:00 pm Note: Post-secondary welding will begin at 7:30 am.	Skilled & Technical Contests <ul style="list-style-type: none"> • Additive Manufacturing • Architectural Drafting • Automated Manufacturing (<i>team of 3</i>) • Automotive Refinishing Technology • Automotive Service Technology • Automotive: Maintenance and Light Repair • Broadcast News Production (<i>team of 4</i>) • CNC Milling Specialist • CNC Technician • CNC Turning Specialist • Collision Damage Appraisal • Collision Repair Technology • Crime Scene Investigation (<i>team of 3</i>) • Criminal Justice • Diesel Equipment Technology • Electronics Technology • Technical Drafting • Welding 	Pikes Peak Community College* 5675 S. Academy Blvd. Colorado Springs <i>* Approx. 15 minutes from Hotel Elegante</i>	
8:00 am – 4:00 pm	Skilled & Technical Contests <ul style="list-style-type: none"> • 3-D Visualization & Animation (<i>team of 2</i>) • Advertising Design • Audio / Radio Production (<i>team of 2</i>) • Computer Programming • Cyber Security (<i>team of 2</i>) • Digital Cinema Production (<i>team of 2</i>) • Information Technology Services • Interactive Application and Video Game Design (<i>team of 2</i>) • Internetworking • Mobile Robotics (<i>team of 2</i>) • Power Equipment Technology • Photography • Robotics: Urban Search and Rescue (<i>team of 2</i>) • Technical Computer Applications • TV Video Production (<i>team of 2</i>) • Web Design (<i>team of 2</i>) 	Hotel Elegante	
8:00 am – 4:00 pm	Skilled & Technical Contests <ul style="list-style-type: none"> • Cabinetmaking • Carpentry • Electrical Construction Wiring • HVAC-R • Masonry • Plumbing • Teamworks (<i>team of 4</i>) • Welding Fabrication (<i>team of 3</i>) 	Pikes Peak Community College* Special Campus 850 Aeroplaza Dr. Colorado Springs, CO 80916 <i>* Approx. 15 minutes from Hotel Elegante</i>	
8:00 am – 4:00 pm	Skilled & Technical Contests <ul style="list-style-type: none"> • Barbering • Cosmetology • Esthetics • Nail Care 	International Salon and Spa Academy* 5707 N. Academy Blvd. Colorado Springs <i>* Approx. 30 minutes from Hotel Elegante</i>	
7:30 – 10:30 pm	Student & Advisor Social	Hotel Elegante	Events include a DJ, snacks, and party games! Come unwind from a day of competition. Conference name badge required. State Officers will be announced

Curfew established by local chapter advisor, not to exceed 11:30 pm.

Conference Schedule – Friday, April 12

Schedule is subject to change depending on weather and facility requirements/needs.

Time	Event	Location	Notes
7:00 – 8:00 am	Advisor Breakfast <i>Advisors only.</i>	Hotel Elegante	
8:00 – 9:30 am	Quiz Bowl <i>(team of 5)</i>	Hotel Elegante	Open to spectators. Please encourage all members to attend this fun event! <i>This year's competition will include a written test on Wednesday. Per national regulation, the average of the team's written test will score will account for 20% of the final score.</i>
8:00 am – 12:00 pm	Leadership & Occupational Contest Finals <i>(as needed)</i>	Hotel Elegante	
9:00 – 11:30 am	Vendor Fair	Hotel Elegante	Encourage students to visit with those who support SkillsUSA Colorado.
1:30 pm	Awards Ceremony	Hotel Elegante	All guests must be seated by 1:25 pm.

Competitive Event Information

- Students may compete in one event in each day, for a total of three (3) events.
- All competitors must submit a one-page résumé at the contest. **Failure to do so will result in a 10-point penalty.**
- Check the 2018-19 Technical Standards on the SkillsUSA website (skillsusa.org) for contest information and what **contestants must supply.**
- The 2018-2019 competition theme is SkillsUSA: Champions at Work, Career-Ready Starts Here. (<https://www.skillsusa.org/competitions/skillsusa-championships/theme/>)
- Contestants **will be removed** from competition if proper training has not been provided and/or they are using the equipment in an unsafe manner.

WED, APR 10 – LEADERSHIP DEVELOPMENT & OCCUPATIONALLY RELATED CONTESTS

Contest	Description & Safety Requirements
Action Skills*** 2 HS <u>and</u> 2 PS students per <u>school</u>	A 5-7 minute demonstration of an occupational skill in an area in which a student is training. Contestants use examples, experiments, displays or practical operations to clearly explain their skills using contestant-prepared visual aids.
American Spirit <i>(Team of 3)</i> 2 HS <u>and</u> 2 PS teams per <u>school</u>	This is a notebook contest documenting SkillsUSA chapters' community service; patriotism and citizenship; and promotion of career and technical education projects that demonstrate a belief in the American way of life and the purposes of SkillsUSA.
Chapter Display <i>(Team of 3)</i> 2 HS <u>and</u> 2 PS teams per <u>school</u>	Selects the outstanding promotional exhibit designed and constructed by student members. The display is built around and articulates the annual theme. The contest involves a team presenting information about the display in a presentation/interview with judges.
Community Service <i>(Team of 3)</i> 2 HS <u>and</u> 2 PS teams per <u>school</u>	This contest evaluates chapter activities that benefit the community. Contestants are evaluated on a notebook which reports their chapter's community service project and on a live presentation.
Customer Service 2 HS <u>and</u> 2 PS students per <u>school</u>	Contestants demonstrate the ability to perform customer service in both written and oral forms including telephone and computer skills, communications, problem solving, conflict resolution, and business etiquette. The contest involves role-playing situations.
Employment Application Process*** 2 HS <u>and</u> 2 PS students per <u>school</u>	Tests the contestant's readiness in applying for employment and their understanding of the process. The competition includes completing an application and interviewing with the judges. Their resume and portfolio are used during their interviews.
Entrepreneurship <i>(Team of 4)</i> 2 HS <u>and</u> 2 PS teams per <u>school</u>	Tests students' knowledge in starting their own businesses by developing business plans that identify needed products or services in a local market. Emphasis is placed on financial planning and practicality of product/service.
Extemporaneous Speaking 2 HS <u>and</u> 2 PS students per <u>school</u>	The contest requires contestants to give a three- to five-minute speech on an assigned topic with five minutes of advance preparation. Contestants enter the preparation area one at a time, where they are given a speech topic. They are judged on voice, mechanics, platform deportment, organization and effectiveness.

Leadership Development & Occupationally Related contests continued on next page.

WED, APR 10 – LEADERSHIP DEVELOPMENT & OCCUPATIONALLY RELATED CONTESTS *(cont'd)*

Contest	Description & Safety Requirements
First Aid / CPR 2 HS and 2 PS students per school	Evaluates a contestant's ability to perform procedures or take appropriate action based on scenarios presented related to CPR and first aid medical emergencies. There is also a written exam.
Job Interview 2 HS and 2 PS students per school	Contestants are evaluated on their understanding of employment procedures faced in applying for positions in the occupational areas for which they are training.
Job Skill Demonstration A 2 HS and 2 PS students per school	Contestants demonstrate and explain an entry-level skill used in the occupational area for which they are training.
Job Skill Demonstration Open 2 HS and 2 PS students per school	Contestants demonstrate and explain an entry-level skill used in the occupational area for which they are training or outside of their training program.
Opening and Closing Ceremonies <i>(Team of 7)</i> 2 HS and 2 PS teams per school	The contest that evaluates teams' understanding of the symbolic representation of the colors and assembled parts of the SkillsUSA emblem. Each team includes members in the roles of president, vice president, parliamentarian, reporter, treasurer, secretary and historian. The contest is a demonstration of the SkillsUSA Opening and Closing Ceremonies conducted according to the script.
Pin Design 2 HS and 2 PS students per school	Students present artwork and participate in an oral presentation regarding all aspects of their creation of the design. He/she will explain how the pin represents the state, its unique qualities and why another would want to wear it.
Prepared Speech 2 HS and 2 PS students per school	Contestants deliver a speech on the annual theme. They are evaluated on their ability to present thoughts relating to a central theme, and on voice, mechanics, and platform deportment.
Promotional Bulletin Board <i>(Team of 3)</i> 2 HS and 2 PS teams per school	The bulletin boards promote SkillsUSA, career and technical education in general, and related occupational information using the annual theme. An accompanying notebook documents the development and construction of the bulletin board. An oral presentation explains the process, purpose and educational value.
Related Technical Math	Contestants demonstrate skills required to solve mathematical problems commonly found in the skilled trades and professional and technical occupations.
T-Shirt Design 2 HS and 2 PS students per school	The contest assess the ability to design and produce a drawing of that design, as well as give a presentation regarding all aspects of the creation of the design.
Welding Sculpture Each school may send an unlimited number of competitors.	Contestants demonstrate their ability to design and produce a sculpture, as well as give a presentation regarding all aspects of his/her creation of the design. A notebook is required displaying evidence of original work. Each participant is interviewed regarding aspects of design and creation of the piece. There will be no live welding on site.

*** A letter from the appropriate school official on school letterhead stating that the contestant is classified under the provisions of Public Law 105-17, Individuals with Disabilities Education Act, 1997, is required for participation.

THU, APR 11 – SKILLED & TECHNICAL CONTESTS: Arts, Communication, and IT

Contest	Description & Safety Requirements
3-D Visualization and Animation <i>(Team of 2)</i> 3 HS and 3 PS teams per school	This contest allows students to step into a real world 3D production environment where creative output must be accomplished within specific timeframes, resources and design constraints. Contestants must produce high quality images and an animated short subject using 3D computerized images. Students are evaluated on their technical knowledge, production skills and creative abilities – including visual development and storyboarding.
Advertising Design 3 HS and 3 PS students per school	Competitors will re-create a given advertisement on the computer. They are judged on accuracy, proficiency with industry standard software and ability to meet the given deadline. Contestants also compete in a creative portion of the competition that involves the application of creative thinking and development of a design problem.
Audio / Radio Production <i>(Team of 2)</i> 3 HS and 3 PS teams per school	Students will produce (plan, write, voice, record, edit and render) a five-minute radio production such as a PSA, sound rich/NPR style news story or a sound and interview news story. A 30-second ad spot will be produced and inserted into the production. The complete production requires students to demonstrate their ability to plan a project that meets a specific prompt and run time; and to gather, edit and mix a variety of audio sources.

Skilled & Technical contests: Arts, Communication, and IT continued on next page.

THU, APR 11 – SKILLED & TECHNICAL CONTESTS: Arts, Communication, and IT (cont'd)

Contest	Description & Safety Requirements
Broadcast News Production <i>(Team of 4)</i> 2 HS <u>and</u> 2 PS teams per school	Two students serve as the news anchor team, one student will serve as the team's director/technical director, and one student will serve as the floor director. Each team will have two hours to write and produce their rundown before assigned contest time. Teams produce and complete a three-minute newscast.
Computer Programming 3 HS <u>and</u> 3 PS students per school	Competition consists of project coding and output, a skill-related written test and an interview. Each project's specifications are written for Visual Basic, Java, C#, C++ and RPG.
Cyber Security <i>(Team of 2)</i> 2 HS <u>and</u> 2 PS teams per school	The contest will be a series of Provisioning, Testing, Deployment, Operational and Maintenance, and Protection and Defensive procedures with the end goals set by the technical committee. The contest is defined by industry standards as determined from elements of the NIST Publication 800-181 Cyber Security Workforce Framework. Categories include Securely Provision (SP), Operate and Maintain (OM), Protect and Defend (PR).
Digital Cinema Production <i>(Team of 2)</i> 3 HS <u>and</u> 3 PS teams per school	The contest is divided into four portions: a written exam that will assess knowledge in industry standards, a storyboard assignment, an interview, and a short video (4.5 to 5 minutes) that will be filmed and edited on site. All footage must be acquired after the contest has begun and must be filmed within the areas specified by the field assignment.
Information Technology Services 3 HS <u>and</u> 3 PS students per school	Students identify and correct end-user computing issues and must demonstrate ability to: configure and secure SOHO networks, configure network interfaces, manage client side virtual machines, navigate and modify Windows registry, deploy an operating system to a workstation, use remote assistance software and troubleshooting tools, identify virus and malware origins, understanding of basic security concepts, work with mobile devices, proficiently use commands in Windows, PowerShell, and Linux. Interpersonal skills include interaction with corporate co-workers, IT consultants and consumers.
Interactive Application and Video Game Design <i>(Team of 2)</i> 3 HS <u>and</u> 3 PS teams per school	Teams must produce an original, high-quality prototype or sample of an interactive multimedia application or video game during the school year immediately preceding the contest deadline. Their production should include concept art and/or storyboards, the sample or prototype itself, an executive overview of the project, and a printed résumé for each team member.
Internetworking 3 HS <u>and</u> 3 PS students per school	The contest focuses on testing the networking knowledge and hands-on ability of the competitors. The online written portion tests the student's complete knowledge of internetworking concepts. The hands-on component demonstrates the abilities of the contestant to make cables, trouble shoot network systems, configure routers, switches and servers, and to deliver customer service in a technical assistant center environment.
Photography 3 HS <u>and</u> 3 PS students per school	Contestants demonstrate their ability to use digital SLR's, image editing software (Adobe Photoshop) and professional studio lighting. Students perform on-site photography, portrait studio lighting & posing, process and print digital photos and submit two 11x14 or 16x20 mounted & matted photographs prior to competition.
Technical Computer Applications 3 HS <u>and</u> 3 PS students per school	Contestants will demonstrate installation, configuration and use of Windows, Mac OSX and Linux Professional Operating Systems and one or more integrated office suite packages including email, word processing, spreadsheet applications, database applications, web page development, money management applications, presentations applications, internet browser applications, etc. The use of Open source software such as OpenOffice will be preferable. Microsoft Office and other integrated office suites could be used.
Television Video Production <i>(Team of 2)</i> 3 HS <u>and</u> 3 PS teams per school	Teams plan and shoot a video (30 seconds or one minute in length) on location to convey the "theme" of the event. Editing is done in the contest area with special emphasis on professional production of the video by industry standards, quality of audio and video, and adequate conveyance of the "theme" to the viewer.
Web Design <i>(Team of 2)</i> 3 HS <u>and</u> 3 PS teams per school	Teams will complete challenges focusing on website usability and accessibility, with at least one challenge related to scripting.

THU, APR 11 – SKILLED & TECHNICAL CONTESTS: Construction

Contest	Description & Safety Requirements
Cabinetmaking 2 HS <u>and</u> 2 PS students per school	Contestants build a small cabinet and are expected to read the drawings, lay out and cut the parts using a table saw, laminate trimmer, hand drill, hinge boring machine and various hand tools. Both the instructors and the contestants certify by agreeing to enter this contest that the contestant has received instruction and has satisfactorily passed examination on the safe use of the following power equipment that may be used in the contest: They also certify that SkillsUSA Inc., the SkillsUSA Championships technical committee and national judges are released from all responsibility relating to personal injury resulting from the use of the above-listed power equipment.

Skilled & Technical contests: Construction continued on next page.

THU, APR 11 – SKILLED & TECHNICAL CONTESTS: Construction (cont'd)

Contest	Description & Safety Requirements
Carpentry 2 HS <u>and</u> 2 PS students per school	Contestants frame walls using wood and or metal steel studs, cut and install rafters, gable end overhangs, fascia board and soffit installation, install sheathing and or exterior siding and trim. Stair construction is required. Both the instructor and the contestant certify by agreeing to enter this contest that the contestant has received instructions and has satisfactorily passed an examination on the safe use of a portable power saw. They also certify that the contestant's saw has been thoroughly inspected and is in safe working condition. Further they agree that SkillsUSA Inc., the SkillsUSA Championships technical committee and state judges are released from all responsibility relating to personal injuries resulting from its use.
Electrical Construction Wiring 2 HS <u>and</u> 2 PS students per school	The Electrical Construction Wiring event will allow each contestant the opportunity to perform in a practical work environment. Each contestant will have the opportunity to use their acquired electrical wiring skills to construct an electrical wiring design, using electrical blue prints, written specifications and verbal instructions based on the National Electrical Construction Wiring standards in accordance with the National Electrical Code.
Heating, Ventilation, Air Conditioning and Refrigeration (HVACR) 2 HS <u>and</u> 2 PS students per school	Industry equipment used during the contest may include but is not limited to: ice machines, refrigerated display cases, small package HVAC units, furnaces and split-system air conditioning and/or heat pump units and geothermal units.
Masonry 2 HS <u>and</u> 2 PS students per school	Student contestants are expected to construct a composite brick and block project in a six-hour period that tests their ability to meet industry standards in quality. The contest project will include components of the most frequently used details in masonry construction.
Plumbing 2 HS <u>and</u> 2 PS students per school	Contestants "rough-in" hot and cold water lines with copper tubing and "rough-in" sanitary drainage, waste and vent lines with cast iron and PVC plastic for a water closet, a lavatory, a washer box and a floor drain. Water pipes are pressure tested on completed projects. Professional plumbers and pipefitters judge the contestants on the basis of accuracy, workmanship, proper selection and use of tools and supplies, and proper safety procedures.
Teamworks <i>(Team of 4)</i> 1 HS <u>and</u> 1 PS team per school	Both the instructor and the contestants certify by agreeing to enter this contest that the contestants have received instructions and have satisfactorily passed an examination on the safe use of portable electric power tools (including cordless) and all hand tools. The contestants are responsible for inspecting the tools supplied and making sure they are in safe working condition. Further, they agree that SkillsUSA Inc., the SkillsUSA Championships technical committees, volunteers and the national judges are released from all responsibility relating to personal injuries resulting from their use.

THU, APR 11 – SKILLED & TECHNICAL CONTESTS: Human Services

Contest	Description & Safety Requirements
Barbering 5 HS <u>and</u> 5 PS students per school	The contest is defined by industry standards as identified by SkillsUSA technical committee and the National Barbering Association. The contest is divided into four separate skill performance tests and one written examination and an oral communications competition.
Cosmetology 5 HS <u>and</u> 5 PS students per school	Students will demonstrate their skills in haircutting, hair styling and long hair design in four separate tests. Contestants will create one 90 degree women's haircut, one woman's and one man's cut from a finished photo. A display of creativity is seen in the long hair segment.
Esthetics 5 HS <u>and</u> 5 PS students per school	Contestants are tested in areas including: skin consultation, written exam covering the fundamentals of skin care, sanitation, skin analysis, a hands-on basic facial demonstration, and a day time and fantasy make-up application.
Nail Care 5 HS <u>and</u> 5 PS students per school	The contest consists segments including: oral communication skills, acrylic application, tips applied and overlaid with a light-cured gel, nail polish application, nail art pedicuring and a written exam. The written exam tests basic knowledge of proper sanitation, chemical safety, salon procedures, etc.

THU, APR 11 – SKILLED & TECHNICAL CONTESTS: Drafting, Manufacturing, and Robotics

Contest	Description & Safety Requirements
Additive Manufacturing <i>(Team of 2)</i> 2 HS <u>and</u> 2 PS teams per school	This contest embraces a range of materials and derivative processes building parts suitable for end-use service. The virtually unlimited design freedom enabled by additive manufacturing allows the creation of shapes and the integration of feature and function that previously required subassemblies.
Architectural Drafting 2 HS <u>and</u> 2 PS students per school	This contest includes a written test, a hand sketch, and drawings (computer-generated or board drafted) that tests the contestants' problem solving abilities, not simply their CAD skills.

Skilled & Technical contests: *Drafting, Manufacturing, and Robotics continued on next page.*

THU, APR 11 – SKILLED & TECHNICAL CONTESTS: Drafting, Manufacturing, and Robotics (cont'd)

Contest	Description & Safety Requirements
Automated Manufacturing Technology <i>(Team of 3)</i> 3 HS <u>and</u> 3 PS teams per school	The contest evaluates teams for employment in integrated manufacturing technology fields of computer aided drafting/design (CAD), computer aided manufacturing (CAM), and computer numerical controlled machining (CNC). CAD operators construct the part geometry; the CAM operator generates the tool paths; and the CNC operator sets up and machines the part.
CNC Milling Specialist 3 HS <u>and</u> 3 PS students per school	This contest assesses the ability to write CNC milling programs, interpret prints (including GDT), and measure/gage parts. Participants will also demonstrate theoretical knowledge of CNC machine configuration, setup and operations.
CNC Technician 3 HS <u>and</u> 3 PS students per school	This contest assesses the ability to write CNC turning and milling programs, interpret prints, and measure/gage parts. Participants will also demonstrate theoretical knowledge of CNC machine configuration, setup and operations.
CNC Turning Specialist 3 HS <u>and</u> 3 PS students per school	This contest assesses the ability to write CNC turning programs, interpret prints (including GDT), and measure/gage parts. Participants will also demonstrate theoretical knowledge of CNC machine configuration, setup and operations.
Electronics Technology 3 HS <u>and</u> 3 PS students per school	The contest includes customer service, soldering, breadboarding, troubleshooting, and a written exam. Contestants demonstrate knowledge of analog and digital circuitry; ability to troubleshoot electronic circuits and construct and test experimental circuits; and ability to design and select circuit components.
Mobile Robotics Technology <i>(Team of 2)</i> 2 HS <u>and</u> 2 PS teams per school	The contest will test the ability to perform, exhibit and compile skills and knowledge from the following list of competencies determined by the SkillsUSA Mobile Robotic technical committee. It will evaluate each contestant's preparation for employment in the field of robotics with emphasis on the team approach to problem solving in a work environment.
Robotics: Urban Search and Rescue <i>(Team of 2)</i> 2 HS <u>and</u> 2 PS teams per school	This contest evaluates team members' skills and preparation for employment in fields related to and including robotics, engineering, automation, manufacturing, electronics, and emergency services. To recognize outstanding performance by participants in scenarios that require problem solving and teamwork in a real-world situation.
Technical Drafting 3 HS <u>and</u> 3 PS students per school	The contest focuses on the solution of industry-developed problems by applying appropriate technical drafting skills and tools including computer-aided drafting.

THU, APR 11 – SKILLED & TECHNICAL CONTESTS: Public Safety

Contest	Description & Safety Requirements
Crime Scene Investigation <i>(Team of 3)</i> 3 HS <u>and</u> 3 PS teams per school	Contestants are directed to the crime scene and briefed as to the situation. The contestants will process the crime scene, legally search for, properly collect and remove evidence of the crime. One member of the team will be required to lift a latent fingerprint from a pre-selected item of evidence. Contestants will write their report, draw the crime scene sketch and mark their evidence.
Criminal Justice 3 HS <u>and</u> 3 PS students per school	This contest utilizes both written and practical exercises to evaluate the contestants' abilities and knowledge of the field. The contestants are scored on their knowledge and application of U.S. Constitutional Law, written and verbal communications skills, and their ability to handle an entry-level law enforcement position.

THU, APR 11 – SKILLED & TECHNICAL CONTESTS: Transportation

Contest	Description & Safety Requirements
Automotive Refinishing Technology Regional Qualification Required! 3 HS <u>and</u> 3 PS students per region	The competition includes a series of workstations to assess skills in the following areas: surface preparation, spray gun operation, paint mixing, matching and applying, solving paint applications problems, determining finish defects, causes and cures and utilizing safety precautions. The contest includes an interview and a written exam.
Automotive Service Technology Regional Qualification Required! 3 HS <u>and</u> 4 PS students per region	Although there will still be a written test, it will not determine placement in the contest. All competitors that advance from regionals will compete in the contest. Contestants are judged on technical competency, accuracy, quality, safety, and ability to follow directions, as well as a job interview and written test.

Skilled & Technical contests: *Transportation continued on next page.*

THU, APR 11 – SKILLED & TECHNICAL CONTESTS: Transportation (cont'd)

Contest	Description & Safety Requirements
Automotive: Maintenance and Light Repair Regional Qualification Required! 3 HS per region	HIGH SCHOOL ONLY. The contest will be consistent with the auto maintenance and light repair task list outlined in guidelines published by the National Institute for Automotive Service Excellence (ASE) and the ASE Education Foundation at: www.aseeducationfoundation.org .
Collision Damage Appraisal 3 HS <i>and</i> 3 PS students per school	To evaluate each contestant's preparation for employment and to recognize outstanding students for excellence and professionalism in the field of collision damage appraisal and total loss evaluation.
Collision Repair Technology Regional Qualification Required! 3 HS <i>and</i> 3 PS students per region	The competition includes a series of workstations to assess skills in the following areas: metal straightening, welding, plastic repair and structural analysis. The overall appearance of the finished product, speed and proper safety practices are judged. There will be a job interview and written exam.
Diesel Equipment Technology 3 HS <i>and</i> 3 PS students per school	Contestants cycle through stations troubleshooting engines, electrical and electronics systems, power train systems including chassis, transmissions and carriers. Contestants demonstrate skills in hydraulic systems, vehicle inspections, fundamental failure analysis, brake systems, air-conditioning systems and general shop skills. Also includes a job interview and written test.
Motorcycle Service Technology 3 HS <i>and</i> 3 PS students per school	Contestants perform skills including scheduled maintenance tasks, electrical diagnostic and parts manuals; electrical diagnostics; precision measurement; brake service; chassis/suspension service; fuel delivery system inspection and repair; transmission and drive systems; power train systems.
Power Equipment Technology 3 HS <i>and</i> 3 PS students per school	Contestants must know and understand both 2 & 4 cycle engines, as well as drive trains, hydraulic, and wiring schematics.

THU, APR 11 – SKILLED & TECHNICAL CONTESTS: Welding

Contest	Description & Safety Requirements
Welding Regional Qualification Required! 3 HS <i>and</i> 4 PS students per region	Contestants measure weld replicas, lay out a plate and use oxy-acetylene equipment to cut several holes; Gas Metal Arc Welding (GMAW) on steel making welds in various positions using short circuiting transfers; Flux Cored Arc Welding (FCAW) using a shielding gas, making welds in various positions and, using a combination machine capable of providing the correct welding current for shielded metal arc (SMAW) and gas tungsten arc welding (GTAW).
Welding Fabrication <i>(Team of 3)</i> Regional Qualification Required! 1 HS <i>and</i> 1 PS team per region	Teams build a designed project from the given material. Each team is required to be skilled in the following welding and cutting processes: SMAW, GTAW, GMAW, FCAW and OFC.

FRI, APR 12 – LEADERSHIP DEVELOPMENT CONTESTS

Contest	Description & Safety Requirements
Quiz Bowl <i>(Team of 5)</i> 23 HS <i>and</i> 2 PS teams per school	The Quiz Bowl tests competitors' ability to quickly respond to questions covering the areas of academic knowledge, professional development and current events. <i>This year's competition will include a written test on Wednesday. Per national regulation, the average of the team's written test will score will account for 20% of the final score.</i>

Hotel Information

The Hotel Elegante and SkillsUSA Colorado have an arrangement to provide sleeping rooms, general session meetings, and our leadership events. All advisors are responsible for making their own room reservations for themselves and their students. All hotel reservations should be directed to:

Hotel Elegante
2886 South. Circle Drive
Colorado Springs, CO 80906
(719) 576-5900
<http://www.hotelegante.com/>

Hotel Rate: The rate for single-quad occupancy is \$106 + 10.25% tax, per room per night.

Registration Deadline: Friday, March 8, 2019 at 11:59 pm Mountain Time.

We have a reserved block of rooms at the Hotel Elegante and **You are responsible for reserving and payment** for your rooms on a first-come, first-served basis. Schools are also responsible for providing the hotel with their tax exemption information (if applicable), otherwise, you will be charged tax on your room.

The Hotel Elegante is a 100% smoke-free hotel that prides itself on providing first-class lodging, highlighted by an excellent array of amenities. All 500 of the guest rooms feature Bath & Body Works products, 13" individually coiled Simmons Beautyrest pillow top mattresses, in room coffee makers with Starbucks coffee, hair dryers and ironing boards with irons.

The Rustler Country Cafe, Rawhides Sports Bar and Patio Bar and room service are available. Also available for light meals and beverages is the Sweet Tooth where guests can delight in chocolates, candies and Starbucks Coffee.

All guests can enjoy the indoor and outdoor pools with jacuzzis and a wading pool. The hotel features a 24-hour Fitness Center, Sports Court featuring pickle ball, volleyball, tennis and basketball courts. A business center and laundry facilities are available on site and the hotel does offer same-day dry cleaning service.

Tax Exempt Requirements

- Copy of Tax Exemption Certificate.
- Copy of form of payment:
 - Pay with credit card and will not have it with you at check-in:
 - Please complete our Credit Card Authorization Form (see attached) at your earliest convenience.
 - Along with this form the city of Colorado Springs & the hotel will need a copy of the credit/debit card (at least the first (6) and last (4) digits need to show- can black out the rest in between).
 - We also need a legible copy of the card holder's ID.
 - Pay with credit card upon arrival:
 - The authorization form is not required; the hotel can acquire a copy of the credit card & ID at check-in.
 - Pay with check in advance –mail to:
 - Hotel Elegante Conference & Event Center
 - 2886 South Circle Drive
 - Colorado Springs, CO 80906
 - Pay with check upon arrival- the hotel can acquire a copy of the check at check-in.

Please send copy of housing form to the Hotel Elegante and keep a copy for your records.



Housing Form

State Leadership and Skills Conference
April 10-12, 2019



School / Chapter Name _____

Arrival Date _____ Departure Date _____

Advisor Name _____ Advisor Cell Phone _____

Advisor Email _____ Advisor School Phone _____

School Address _____

Advisor Signature _____ Date _____

Principal's Signature _____ Date _____

Please email or fax form to
Lennea Mason, Hotel Elegante
lmason@mcmelegante.com **and**
rrhody@mcmelegante.com

Fax: 719-576-0507
Phone: 719-302-9953

The rate for single-quad occupancy is:
\$104 + 10.25% tax, per room per night.

- A check or credit card number and tax-exempt forms (if applicable) must accompany your rooming list to secure your reservation. Reservations are on a first-come, first-serve basis.
- **If the school is tax exempt, certificate needs to be submitted with the Housing Form.**
- **Rooms may not be available before 3:00 p.m. on the day of check in.** The Hotel Elegante will provide storage for luggage that must be unloaded before the rooms are ready.
- Please keep a copy of this form for your records.

Please print

Page 1 of _____

Last, First	Type*	M or F	Accommodations
1.			<input type="checkbox"/> One person, one bed <input type="checkbox"/> Two people, one bed <input type="checkbox"/> Two or more people, two beds
2.			
3.			
4.			
Last, First	Type*	M or F	Accommodations
1.			<input type="checkbox"/> One person, one bed <input type="checkbox"/> Two people, one bed <input type="checkbox"/> Two or more people, two beds
2.			
3.			
4.			
Last, First	Type*	M or F	Accommodations
1.			<input type="checkbox"/> One person, one bed <input type="checkbox"/> Two people, one bed <input type="checkbox"/> Two or more people, two beds
2.			
3.			
4.			

* **Type code:** S=Secondary Student, P=Postsecondary Student, A=Advisor/Adult, X=In Charge, O=Observer

Hotel Use Only

Charge to: S&P _____ A&G _____ Guest Room: _____ Other (specify): _____
 Ordered/Approved by _____ Department _____
 Signature _____ Date _____
 Received by F& B Dept _____ Date and time _____



Housing Form

State Leadership and Skills Conference
April 10-12, 2019



For additional registrants.

School / Chapter Name _____

Advisor Name _____

Please print

Page _____ of _____

Last, First	Type*	M or F	Accommodations
1.			<input type="checkbox"/> One person, one bed <input type="checkbox"/> Two people, one bed <input type="checkbox"/> Two or more people, two beds
2.			
3.			
4.			
Last, First	Type*	M or F	Accommodations
1.			<input type="checkbox"/> One person, one bed <input type="checkbox"/> Two people, one bed <input type="checkbox"/> Two or more people, two beds
2.			
3.			
4.			
Last, First	Type*	M or F	Accommodations
1.			<input type="checkbox"/> One person, one bed <input type="checkbox"/> Two people, one bed <input type="checkbox"/> Two or more people, two beds
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Last, First	Type*	M or F	Accommodations
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Last, First	Type*	M or F	Accommodations
1.			<input type="checkbox"/> One person, one bed <input type="checkbox"/> Two people, one bed <input type="checkbox"/> Two or more people, two beds
2.			
3.			
4.			

* **Type code:** **S**=Secondary Student, **P**=Postsecondary Student, **A**=Advisor/Adult, **X**=In Charge, **O**=Observer

Hotel Use Only

Charge to: S&P _____ A&G _____ Guest Room: _____ Other (specify): _____
 Ordered/Approved by _____ Department _____
 Signature _____ Date _____
 Received by F& B Dept _____ Date and time _____



Credit Card Authorization Form

Please complete this form in its entirety. Incomplete requests may be rejected. Please return this form via fax to the number listed at the bottom of this page or scan and send via email. Do not insert data into this email and send. All information provided is CONFIDENTIAL and used only for the purposes noted below.

Individual or Group/Event Name(s):

Confirmation/Invoice Number(s) (if applicable):

Arrival or Function Date: _____ Departure Date: _____

I hereby authorize the following charges to be applied to the following credit card. Check all that apply:

- All charges
- Room and Tax
- Parking
- Restaurant
- Room Service
- Lounge
- Telephone
- Movies
- Laundry
- Banquet / Catering Charges
- Specific Amount (specify below)
- Other (specify below)

Comments:

Credit Card Number	Expiration Date
---------------------------	------------------------

Cardholder / Organization name (as it appears on card): _____

**If group is tax exempt a LEGIBLE copy of the Front of the Credit Card will need to be provided.

Card Billing Address: _____

City/State/Zip Code: _____

Contact Phone/Fax Number: _____

I acknowledge that all information is complete and accurate. I hereby authorize the Hotel Elegante to collect payment for the charges indicated on this form by processing a charge to the credit card listed above. I certify that I am authorized to sign for charges to the credit card provided.

Signature: _____ Date: _____

****WE REQUIRE A COPY OF THE CARDHOLDER'S ID**

Hotel Elegante Conference & Event Center
 2886 S. Circle Drive
 Colorado Springs, CO 80906
 Phone: (719) 576-5900
 Fax: (719) 576-7695