2025-2026 SkillsUSA Idaho Contest Guide

This guide provides information on preparing for SkillsUSA state, and national competitions, including competitive events offered at the State Leadership and Skills Conference (SLSC) March 4-6, 2026. Please take time to review this information and reach out to the state office with any questions. We can't wait to see your students' skills in action!

The information contained in this document may be updated throughout the program year, and any updates will be posted online at https://skillsidaho.org

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CONTESTANT ELIGIBILITY

The criteria listed below apply to regional, state, and national competitions. To be eligible for competition, competitors must be:

- Registered members in the correct division and CTE program before registering for any competitions.
- Fully submit membership online through register.skillsusa.org by February 28th of the program year.

Middle school competitors must be or have been enrolled in a middle school exploratory course that prepares for future study in a career and technical education pathway, or in a coherent course/program of study, that prepares the student for further education and/or employment related to career and technical education.

High school competitors are students enrolled in a coherent program of study, a community training program, and/or a work-based learning experience that prepares the student for further education and/or employment related to career and technical education. Further, a high school competitor must be earning credit toward a high school diploma/certificate or its equivalent during the school year immediately preceding the National Leadership and Skills Conference (NLSC). ***NOTE FOR DUAL ENROLLMENT:*** *An individual who has not completed the requirements for, nor received a high school level diploma must register for membership and compete as a high school student, even though they may be taking advanced placement or college/postsecondary courses.*

College/postsecondary competitors are students enrolled in a coherent program of study, a work-based learning experience, and/or a career major that prepares them for further education and/or employment related to technology, trades or industry. College/postsecondary competitors must be progressing toward a postsecondary credential during the school year immediately preceding the NLSC.

MEMBERSHIP AND ELIGIBILITY FAQs

Who should register for membership?
Schools are always encouraged to register more students for membership than are planning to compete, especially if they plan to participate in team events. Substitutions may only be made with qualified SkillsUSA members who meet the eligibility criteria for the contest AND are registered as members by **March 1** of the program year. *Remember: the benefits of SkillsUSA participation extend beyond competition! Don't forget to register any Courtesy Corps members or State Officer candidates for membership!*

How many contests can students compete in?
At the State Leadership and Skills Conference (SLSC), students can compete in **one** skilled/technical competition and **one** leadership/occupationally related competition. They are eligible to compete in the same event at the national competition, provided they win a gold medal in that event or are extended an invitation from the State Office.
Note: If a student wins the gold medal in two contests at the SLSC, that student will only be able to compete in one contest at the NLSC, and must choose which contest to compete in.

What contests are students eligible to compete in?
Leadership and Occupationally related contests are open to any trade area or CTE program, provided competitors are joined members by the deadline. For skilled/technical contests, students must be enrolled in a coherent series of courses that meet the career objective outlined in the SkillsUSA Technical Standards within the current program year. For example, a student competing in Welding must be currently enrolled in a Welding program at their school. If the student took Welding in the previous school year and is currently enrolled in Culinary (or is not enrolled in a CTE course or other eligible activity), they would not qualify for the Welding competition. An exception is that the student has completed all requirements for the program

and has achieved an industry certification or similar within the immediate past year. Some contests require specific certifications or safety verifications to be submitted. Details about safety submissions can be found in the SkillsUSA Technical Standards for each competition. Reach out to the state office for any specific questions regarding eligibility.

What about team events?
Team events require a designated number of team members. In all cases, a full team must be registered for each level of competition, and all team members must be from the same school and division. Penalties may be assessed for competing with less than a full team. If a team range is listed, it illustrates the minimum and maximum number of team members.

What is the membership deadline?
SkillsUSA student members must be registered as members by January 30th, 2026 to be eligible for competition. This includes any potential substitutions in team events and Courtesy Corps members. **Although January 30th, 2026 is the state deadline, this is also the same day that the SLSC registration closes. It is highly recommended to affiliate student members as early as possible in the year.**
*Rare exceptions to the membership deadline are granted on a case-by-case basis and require extensive documentation of the student's involvement with the chapter throughout the program year. Advisors are encouraged to review their membership before the **January 30th** deadline to ensure no student is missed.*

CONTEST PREPARATION, QUALIFICATION, AND REQUIREMENTS

General Rules and Regulations
SkillsUSA Idaho follows the National General Regulations for contests. These regulations are available on the SkillsUSA national website, and with the Technical Standards at https://skillsusa.pathful.com/.

Technical Standards
The SkillsUSA Technical Standards are the primary source of information for contests, including standards and competencies to be measured, uniform requirements, eligibility, tool/supply lists, written exam information, team size, and other details. They are available with Professional membership online at https://skillsusa.pathful.com/. Once you join as a professional member at register.skillsusa.org, you'll receive an email with instructions on creating and accessing your account.

If you have issues accessing your account, please contact the Customer Care Team at 844-875-4557.

Contest Updates
If a contest differs from the national technical standards for a state contest, or if there is advance information that would benefit contestants, a Contest Update will be published and/or provided to advisors.

> **SLSC Updates** - https://skillsidaho.org/slsc/ These updates will also include the location, and report/start times for each contest. Contest information and updates are published as soon as they become available from the Contest Chair running the contest. State Updates will begin posting in January, with the bulk of updates in February and March.

Updates posted within two weeks of the competition will be emailed to the advisor who registered for the event.

NLSC Updates - https://updates.skillsusa.org Updates will begin posting as early as the fall. Most updates will be posted in March, April, and May. Be sure to check this page regularly. Any updates will be posted by May 31.

Qualifying for Competition
Students must be registered members by the established deadline to be eligible for any competition and must adhere to the registration process for each event.

- **State**- All schools/chapters must submit an **Intent to Compete Form** no later than ***December 12th, 2025***. This document outlines how many students each school can bring for each contest. This document is also used by each contest chair to accurately plan the contest set up, material quantities, etc.

  It is the discretion of the Advisor/Chapter to determine which of their students can qualify for the state competition. Although regional competitions are not a requirement for state. However, it is highly recommended that students participate in a form of mock contests in order to determine who will compete at the SLSC.

- **National**- Gold medalists at the SLSC are invited to participate in the National Championships. To qualify, the top-scoring student must achieve a "cut score" of at least 90%. Scores are reviewed and certified by the State Director and scoring team before the ceremony. No gold medal will be awarded if the "cut score" is not achieved by any contestant; the top-scoring contestant may be awarded a silver or a bronze medal, and no contestant will be invited to the national competition for that contest. Alternatively, the Technical Committee may opt not to award any medals if minimum skills are not demonstrated OR the Technical Committee may recommend that contestants do receive a gold medal based on potential difficulty and overall scoring averages for all contestants.

  During the Closing and Awards Ceremony, winners will be announced in each division and competition and awarded gold, silver, and bronze medals. If a gold medalist is unable to attend the NLSC, the Advisor of that student or team must contact the state office within 10 days so that the silver medalist may be extended the offer to compete at the NLSC.

Resumes
All contests, including middle school contests, require the submission of a resume. It is recommended that students bring multiple hard copies of their resume with them to the SLSC for contests, and the SLSC TECHSPO

- For state competitions, contestants must bring a hard copy of their resume OR upload their resume digitally if prompted by a competition update. More detailed instructions will be available in the SLSC 2025 Conference Guide. Additional uploads may be required; refer to the Technical Standards and State Contest Updates for more information.

- For national competitions, contestants must upload their resume before the competition. Additional uploads may be required; refer to the Technical Standards and National Contest Updates for more information.

Exams and Assessments
Generally, two written exams are required for each competition: a technical assessment and a professional development test. All Professional Development tests and most SLSC technical assessments will be conducted in an online format hosted by the SkillsUSA National Office. A full list of tests required will be available in the SLSC 2025 Conference Guide

For online exams in advance, testing credentials and instructions are provided to registered contestants and their advisors. All exams must be proctored and completed within the designated testing window of **February 9th-20th, 2026**. Failure to complete an exam does not automatically disqualify competitors but will result in a zero score for that section of the overall score.

- Technical Assessments- Most contests require a technical assessment related to the technical knowledge of the competition. Refer to the Technical Standards for covered topics and/or suggested study materials. A study guide is not provided for technical assessments.
- Professional Development Test- The Professional Development Assessment will be counted as a scored portion of each state and national contest. A study guide is available with the Technical Standards on SkillsUSA Absorb.
    - *All contestants must submit a resume and take the Professional Development Assessment, including middle school contestants.*

DEMONSTRATION CONTESTS (NEW COMPETITIONS)

Each year, the SkillsUSA Idaho state office and Board of Directors review applications for contests to be added to the State Championships as a Demonstration Contest. Demonstration contests must complete a two-year trial period before achieving Official Contest status. Current Contests in Demonstration status at the SLSC are:

- Emergency Medical Technician – Added 2025
- Industrial Motor Control – Added 2025
- Facilithon-Leadership in Facility Management – Added 2026
- Robot Welding – Added 2026
- Plumbing – Added 2026

CONTEST GRIEVANCES

If a student encounters an issue during a competition that violates the official contest rules or general regulations, they can file a Grievance. The SkillsUSA Idaho Board of Directors will officially recognize only those grievances filed by the advisor or the person in charge of a school delegation.

A grievance may only be filed in the event of a rule violation. Rules to be considered include the National Technical Standards, National General Regulations, State Contest Updates.

Grievances are to be considered in the following manner:

- The local SkillsUSA advisor or contestant will file a written request describing the situation in question and the violation of the SkillsUSA technical standards no later than 6:00 pm on the day of the occurrence.
- This written statement must be signed by the advisor and filed with the State Director, or the Board Chair.
- The State Director and the Board of Directors (if necessary) will review all grievances. In the event the State Director cannot resolve a problem, the SkillsUSA Idaho Board of Directors will rule on the validity of the complaint and decide on its disposition.

A copy of the Grievance form for state contests will be available on our website, and hard copies will be available onsite at the event. Contestants and advisors should review it in advance.

SLSC ATTIRE EXPECTATIONS

Attire expectations may differ at each level of competition. In general, contestants must adhere to the standards outlined in the official SkillsUSA Championships Technical Standards for each competition. Each contest is assigned a clothing classification, available with the Technical Standards.

Official SkillsUSA Uniforms can be purchased at the SkillsUSA Store: http://skillsusastore.org

State Leadership and Skills Conference

- **SLSC Competition Attire** – For the SLSC, it is not required to be in the Official contest attire, and competitors may wear items similar, or standard shop attire for competition, unless otherwise stated in contest updates. Note, some contests permit the wear of jeans and conference t-shirts for competition. Please check the Contest Updates for clarification.
- **SLSC Closing and Award Ceremony Attire** – Students are required to be in official SkillsUSA dress, clean and serviceable competition uniforms, or business professional dress to be allowed on stage to accept a medal. Jeans and t-shirts are not permitted, even if this is the competition attire.
- **SLSC State Officer Candidates** are required to be in official SkillsUSA dress for all candidate related events and activities (does not include skilled/technical contest attire). No exceptions will be made to this rule.

National Leadership and Skills Conference

- Students competing at the NLSC are REQUIRED to wear the official SkillsUSA competition uniforms listed in the Technical Standards.

JUDGING, SCORING AND RESULTS

SkillsUSA Idaho contest chairs and judges are volunteers who donate their time and expertise to evaluate students and are invaluable to the success of our competitions. Advisors and students must act as professionals and treat our volunteers with respect. Inappropriate conduct will not be tolerated, and offenders may be removed from the event without a refund and/or administration notified, as appropriate. Professional behavior from all participants is expected at all state and national events.

It is at the sole discretion of individual judges whether to share their name, contact information, or other specific identifying information. SkillsUSA Idaho does not release the names or contact information of judges, however if agreed upon, will share the name and contact information for contest chairs.

In some cases, the names of companies represented may be shared by SkillsUSA Idaho. Advisors may not contact the judges to discuss individual competition scores. Advisors may reach out to the State Director to discuss individual competition scores and/or any feedback from judges.

The judges' decision is final at the conclusion of the awards, and specific individualized feedback may not be available for each contest. Contestants are judged against a set of criteria, not each other.

Final Scores

Final scores will be made available to each competitor/team and posted online 1-2 weeks following the close of the SLSC. Names will not be published on the document, only competitor ID numbers and Chapter names will be listed. This document only publishes the total overall score and placement for each competitor/team.

Advisors can request a copy of the full score card from the State Director at any time once final scores are posted.

Scoring Errors

Reviews will be considered for clerical errors only. Reviews will not be considered to contest the judges’ decisions or scores. If a scoring error is discovered and affects the overall medal standings, the correct medalists will be awarded their rightful medal. Under no circumstances will a scoring error result in a medal being removed from a student once awarded. In rare circumstances, if the gold medalist is affected, NLSC invitations may be adjusted. The advisors will be notified by phone, and the state office will work cooperatively with the affected advisors to offer alternative experiences at NLSC whenever possible.

SLSC CONTESTS BY CLUSTER

ARCHITECTURE AND CONSTRUCTION

Architectural Drafting: Competitors will use their drafting skills to solve an architectural problem. The competition includes a written test, a hand sketch, and drawings that are either computer-generated or board drafted. The competition evaluates the competitors' problem-solving abilities, not simply CAD skills.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	4 students per school
Eligibility:	Open to active SkillsUSA members enrolled in CTE programs with architectural drafting as an occupational objective

Cabinetmaking: Competitors build a small cabinet or piece of furniture from the supplied materials and drawings. Competitors are expected to read the drawings, lay out, create a cut list, and cut the parts using a variety of tools including, but not limited to, the following: table saw, miter saw, drill, hinge boring machine, and various hand tools. The parts must be accurately assembled, sanded, and adjusted to tolerances specified by the judges.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	3 students per school – 24 student max capacity
Eligibility:	Open to active SkillsUSA members enrolled in CTE programs with cabinetmaking, millwork, and carpentry as an occupational objective.

Carpentry: Competitors frame walls using wood and/or steel studs, cut and install rafters, gable end overhangs, fascia board and soffit installation, install sheathing and/or exterior siding and trim. Demonstration of knowledge of stair construction is required. Competitors will be judged on accuracy, ability to read and interpret blueprints, workmanship, safety, and the proper use of tools, equipment, and materials.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	3 students per school – 30 student max capacity
Eligibility:	Open to active SkillsUSA members enrolled in CTE programs with residential carpentry or construction as an occupational objective

Heating, Ventilation, Air Conditioning and Refrigeration (HVACR): The competition includes a series of testing stations designed to assess skills identified by industry HVACR standards. Industry equipment used during the workstations portion of the competition 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 systems, mini-split and/or ductless systems, and geothermal units.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	5 students per school
Eligibility:	Open to active SkillsUSA members enrolled in CTE programs with HVACR as an occupational objective

Plumbing (Demonstration): Competitors 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 competitors on accuracy, workmanship, proper selection and use of tools and supplies and proper safety procedures.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	No Capacity Limit
Eligibility:	Open to active SkillsUSA members enrolled in programs with residential plumbing as an occupational objective.

ARTS, A/V TECHNOLOGY AND COMMUNICATIONS

3D Visualization & Animation: Competitors must produce high quality images and an animated short subject using computer-generated 3D images. Students are evaluated on their technical knowledge, production skills, and creative abilities, including visual development and storyboarding.

Team/Individual:	Team of 2
Division:	Middle School, High School, College/Postsecondary
SLSC Capacity:	No Capacity Limit
Eligibility:	Open to active SkillsUSA members enrolled in programs using 3D imaging and animation as an occupational objective.

Advertising Design: This competition tests technical skills and creative aptitude as though competitors worked for an advertising agency. In addition to a written test, competitors will re-create a provided advertisement on a computer. Competitors are judged on their accuracy, proficiency with industry software, and ability to meet a deadline. The competition also includes a creative portion. The creative portion involves the application of creative thinking and a design challenge. Layout, drawing, and illustration skills are used, as well as the ability to create vibrant, effective designs using a computer.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	No Capacity Limit
Eligibility:	Open to active SkillsUSA members enrolled in programs with advertising design or commercial art as an occupational objective.

Graphics Imaging – Sublimation (Demonstration): Contestants are tested on their ability to design, print and transfer, and understand the dye sublimation process to decorate various materials, including drinkware, mouse pads, license plates, t-shirts, cutting boards, ceramic tiles, slates and more.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	No Capacity Limit
Eligibility:	Open to active SkillsUSA members enrolled in programs with graphic communications as an occupational objective

Interactive Application and Video Game Development: Open to a team of two active SkillsUSA members enrolled in career and technical education programs with creating interactive applications and/or video game design and development as occupational objectives.

Team/Individual:	Team of 2
Division:	High School & College/Postsecondary
SLSC Capacity:	No Capacity Limit
Eligibility:	Open to a team of two active SkillsUSA members enrolled in programs with creating interactive applications and/or video game design and development as occupational objectives.

Photography: Competitors in the Photography competition are put through a series of real-world scenarios and are judged on their overall mastery of the following skills: understanding the features of today's digital SLR or mirrorless cameras, field assignment, producing a contact sheet, producing a composited digital fine art piece from their field assignment, question written test, portrait/commercial studio using strobes, troubleshooting common photo errors, print competition, and job interview.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	4 students per school
Eligibility:	Open to active SkillsUSA members enrolled in programs with photography as an occupational objective.

Video Production: Competitors are required to plan and shoot a video (generally 30 seconds or one minute in length) on location to convey the theme of the event. Editing is done in the competition 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 of the final piece.

Team/Individual:	Team of 2
Division:	High School & College/Postsecondary
SLSC Capacity:	3 teams per school
Eligibility:	Open to active SkillsUSA members enrolled in a CTE program with video production as an occupational objective.

Web Design and Development: Teams complete a series of challenges focusing on creating a website for a client and a specific target audience. Judging will focus on meeting the client's needs, usability and accessibility, and industry standard best practices.

Team/Individual:	Team of 2
Division:	High School & College/Postsecondary
SLSC Capacity:	No Capacity Limit
Eligibility:	Open to active SkillsUSA members enrolled in programs using web design or web development as an occupational objective.

ENGINEERING AND TECHNOLOGY

Electronics Technology: Competitors demonstrate their knowledge of analog and digital circuitry; ability to troubleshoot electronic circuits; ability to construct and test experimental circuits; and ability to design and select circuit components. All aspects of the competition test competitors' abilities to use and calibrate electronic equipment, record and organize data, and demonstrate proper safety practices.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	4 students per school
Eligibility:	Open to active SkillsUSA members enrolled in programs with industrial electronics or electronics technology as an occupational objective.

Engineering Technology - Design: Competitors demonstrate their ability to design an innovative engineering project and present those ideas along with a display and live model. During the presentation, students are judged on their performance as a professional team, presentation of their project to a panel of judges from the engineering field, their storyboard presentation model, and the overall effect of the presentation.

Team/Individual:	Team of 3
Division:	Middle School, High School, College/Postsecondary
SLSC Capacity:	No Capacity Limit
Eligibility:	Open to active SkillsUSA members enrolled in a CTE engineering program or a curriculum that integrates engineering/pre-engineering concepts and techniques as an integral component of the instructional strategies.

Mobile Robotics Technology: The competition includes activities that simulate situations encountered by robotic programmers and support professionals. Teams are given a task to solve using a mobile robotic system that is built ahead of time and brought to the competition. Teams will have two scored chances to solve the mobile robotic challenge and will be given a design and programming interview.

Team/Individual:	Team of 2
Division:	Middle School, High School, College/Postsecondary
SLSC Capacity:	2 teams per school
Eligibility:	Open to active SkillsUSA members enrolled in a CTE engineering program or a program that integrates robotics, engineering, or pre-engineering techniques as an integral component of the instructional program.

Robotics: Urban Search and Rescue: Teams are required to build a robot and arm mechanism prior to the competition. The robot must be capable of locating, grabbing and moving simulated ordnances on the challenge course.

Team/Individual:	Team of 2
Division:	Middle School, High School, College/Postsecondary
SLSC Capacity:	3 teams per school
Eligibility:	Open to active SkillsUSA members in CTE engineering programs or a program that integrates robotics, engineering, or pre-engineering.

Team Engineering Challenge: Teams are required to build a robot and arm mechanism prior to the competition. The robot must be capable of locating, grabbing and moving simulated ordnances on the challenge course.

Team/Individual:	Team of 3
Division:	Middle School Only
SLSC Capacity:	3 teams per school
Eligibility:	Open to active SkillsUSA members in CTE engineering programs or a program that integrates robotics, engineering, or pre-engineering.

HOSPITALITY AND TOURISM

Baking and Pastry Arts: Competitors demonstrate their knowledge and skills through scaling, mixing, preparing, and baking products. The products include, but may not be limited to, breads, rolls, cookies, and assorted pastries. The student must also demonstrate cake decorating skills. The competitor must work efficiently to produce quality products in a job-like setting.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	5 students per school
Eligibility:	Open to active SkillsUSA members enrolled in programs with baking/pastry arts as an occupational objective.

Culinary Arts: The competition will encompass both hot and cold food preparation and presentation. Competitors will demonstrate their knowledge and skills through the production of menu items meeting industry standards. The competitors are evaluated on organization, knife skills, cooking techniques, creative presentation, sanitation and food safety, and the quality and flavor of their prepared items. High school competitors will create menus to demonstrate required fundamental cooking techniques using items from a common pantry. College/postsecondary students will work from a market basket format and create their own menus using required fundamental cooking techniques.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	5 students per school
Eligibility:	Open to active SkillsUSA members enrolled in programs with culinary arts or commercial food trades as an occupational objective.

Restaurant Service: Competitors are tested on skills required in the front of the house of a fine dining restaurant. The focus is on guest service and guest relations in the dining room including table set up; greeting guests; reservations procedures; presentation of menus; description of food, drinks, soups and specials of the day; taking orders; serving each course and clearing the table after each course; and preparation and presentation of the check and closing remarks. Competitors are judged on personal appearance, tableside manner, professionalism, ease with guests, courtesy, general knowledge and technical and verbal skills.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	5 students per school
Eligibility:	Open to active SkillsUSA members enrolled in programs that include food and beverage service as a part of their instruction and occupational objective.

HUMAN SERVICES

Cosmetology: Students demonstrate their skills in hair color, haircutting, hair styling, and long hair design in separate assessments. All work is performed on mannequins, so each competitor begins with the same model and the same type of hair.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	20 student maximum capacity
Eligibility:	Open to active SkillsUSA members enrolled in programs with cosmetology as an occupational objective.

INFORMATION TECHNOLOGY

Computer Programming: Competitors demonstrate knowledge of computer programming, describe how programs and programming languages work, and describe the purposes and practices of structured programming. The competition may include a computer programming problem consisting of background information and program specifications.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	No Capacity Limit
Eligibility:	Open to active SkillsUSA members enrolled in programs with computer programming as an occupational objective.

Cybersecurity: Students will be tested on the elements of the NIST Publication 800-181 Cybersecurity Workforce Framework categories including Securely Provision, Operate and Maintain, and Protect and Defend. This competition's skill performance stations are created to be part of a "scouting combine" where teams will demonstrate a wide range of skillsets needed in the Cyber Security industry.

Team/Individual:	Team of 2
Division:	High School & College/Postsecondary
SLSC Capacity:	No Capacity Limit
Eligibility:	Open to a team of two active SkillsUSA members enrolled in programs with Cyber Security, Information Security, or Systems and Networking Security Architecture as an occupational objective.

Information Technology Services: Competitors demonstrate their skills with hands-on modules designed to test their knowledge as an IT service professional. The competition challenges competitors to correct end-user computing issues, configure and secure networks, manage virtual machines, navigate and modify operating system internals, deploy operating systems, leverage troubleshooting software and tools, identify virus and malware origins, work with mobile devices, and proficiently use command line interfaces.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	5 students per school – 25 student maximum capacity
Eligibility:	Open to active SkillsUSA members enrolled in CTE programs with computer maintenance technology, computer networking and security, and/or information technology services as occupational objectives.

Internetworking: The competition tests 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 competitor to make cables, troubleshoot network systems, configure routers, switches and servers, and to deliver customer service in a technical assistant center environment. The competitors will find errors in WAN and LAN networks; do a full network configuration using routers, switches, and servers; talk a technician through an error they are having on their network; and take an online certification-type test.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	4 students per school
Eligibility:	Open to active SkillsUSA members currently enrolled in programs with internetworking as an occupational objective.

Technical Computer Applications: Competitors 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 is preferable. Microsoft Office and other integrated office suites can be used. The utilization of instant messaging, collaboration and social networking software will be required during the contest. Competitors are expected to perform in teams while demonstrating individual technical skills.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	No Capacity Limit
Eligibility:	Open to active SkillsUSA members enrolled in programs with computer literacy as an occupational objective.

Telecommunications Cabling: This competition tests students' knowledge of worldwide industry standards related to cabling and connectorization for data and voice connections, physical and logical networks and signal transmission. Competitors demonstrate skills in fiber and copper cable termination, pulling and mounting cabling, patch panel installation and termination, installing jacks, cable and fiber optic testing and troubleshooting, and providing customer service.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	No Capacity Limit
Eligibility:	Open to active SkillsUSA students enrolled in a career and technical education program with telecommunications cabling (systems connectivity) as an occupational objective.

LAW, PUBLIC SAFETY AND HEALTHCARE

Criminal Justice: This competition is for students preparing to be police officers or to work in other areas of criminal justice and will utilize both written examination and practical exercises to evaluate the competitors' abilities and knowledge of the field. The competitors 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.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	5 students per school – 20 student max capacity
Eligibility:	Open to active SkillsUSA members enrolled in programs, work-based learning, or community training programs with law enforcement and/or public safety as an occupational objective.

Emergency Medical Technician (Demonstration): This competition evaluates knowledge and skills required for competent practice within the Emergency Medical Service (EMS) field. The event will simulate situations encountered by emergency medical professionals that include either a medical or trauma clinical scenario. Each scenario will require the use of critical thinking skills, communication, and demonstration of professionalism.

Team/Individual:	Team of 2
Division:	High School & College/Postsecondary
SLSC Capacity:	No Capacity Limit
Eligibility:	Open to active SkillsUSA members enrolled in career and technical education programs, work-based learning, or community training programs Emergency Medical Technician (EMT) or related fields as an occupational objective.

Firefighting: The competition evaluates the competitor's preparation for firefighting careers through hands-on skill demonstrations and both written and oral presentations. Areas tested include safety; breathing apparatus; fire streams; ladders, ropes, knots and hoses; fire control; ventilation; emergency medical care and rescue; and protecting fire cause evidence.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	No Capacity Limit
Eligibility:	Open to active SkillsUSA members enrolled in career and technical education programs with firefighting and/or public safety/protective services as an occupational objective.

LEADERSHIP AND OCCUPATIONALLY RELATED

American Spirit: This is a professional portfolio competition 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.

Team/Individual:	Team of 3
Division:	Middle School, High School, College/Postsecondary
SLSC Capacity:	No Capacity Limit
Eligibility:	Open to a team of three active SkillsUSA members.

Chapter Display: SkillsUSA student members build a three-dimensional display that articulates the annual SkillsUSA competition theme. The members of the chapter build the display and three students present information about the display during a presentation and interview with judges.

Team/Individual:	Team of 3
Division:	Middle School, High School, College/Postsecondary
SLSC Capacity:	No Capacity Limit
Eligibility:	Open to a team of three active SkillsUSA members.

Community Service: The Community Service competition evaluates local chapter activities that benefit their communities while members become productive community members. SkillsUSA chapters present their best community service project for the current school year. Competitors are evaluated on a professional portfolio that details their chapter's community service project and on a presentation to a panel of judges. The competencies that are evaluated are based on the team's professionalism in the visual representation of the project, designing and implementing an engaging presentation, and effective delivery of that presentation.

Team/Individual:	Team of 3
Division:	Middle School, High School, College/Postsecondary
SLSC Capacity:	No Capacity Limit
Eligibility:	Open to a team of three active SkillsUSA members.

Customer Service: The competition evaluates students' proficiency in providing customer service. The competition involves live role-playing situations. Competitors demonstrate their ability to perform customer service in both written and oral forms including telephone and computer skills, communications, problem solving, conflict resolution, and business etiquette.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	20 student max capacity
Eligibility:	Open to active SkillsUSA members.

Entrepreneurship: A team event testing 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 the product/service. Teams give oral presentations based upon their written plans, and the team must successfully answer judges' questions in response to typical problems encountered by entrepreneurs during their first year of business.

Team/Individual:	Team of 4
Division:	High School & College/Postsecondary
SLSC Capacity:	No Capacity Limit
Eligibility:	Open to active SkillsUSA members.

Extemporaneous Speaking: The competition requires competitors to give a three- to five-minute speech on an assigned topic with five minutes of advance preparation. Competitors 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.

Team/Individual:	Individual
Division:	Middle School, High School, College/Postsecondary
SLSC Capacity:	3 students per school
Eligibility:	Open to active SkillsUSA members.

Job Interview: Competitors are evaluated on their understanding of employment procedures faced in applying for positions in the occupational areas in which they are training. The competition is divided into phases, including the following: completion of employment application; introduction scenario with a receptionist; and an in-depth interview(s).

Team/Individual:	Individual
Division:	Middle School, High School, College/Postsecondary
SLSC Capacity:	3 students per school – 21 Student Max Capacity
Eligibility:	Open to active SkillsUSA members.

Job Skill Demonstration A: Competitors demonstrate and explain an entry-level skill used in the occupational area for which they are training. The competition requires a demonstration performing an occupational skill accompanied by a clear explanation of the topic using experiments, displays or practical operations.

Team/Individual:	Individual
Division:	Middle School, High School, College/Postsecondary
SLSC Capacity:	3 students per school – 21 Student Max Capacity
Eligibility:	Open to active SkillsUSA members enrolled in CTE programs with career objectives that are included in the SkillsUSA Championships official competitions.

Opening and Closing Ceremonies: This teamwork and oral presentation competition evaluates a team's understanding of the symbolic representation of the colors and assembled parts of the SkillsUSA emblem. Each team includes seven registered members in the roles of president, vice president, parliamentarian, reporter, treasurer, secretary and historian.

Team/Individual:	Team of 7
Division:	Middle School, High School, College/Postsecondary
SLSC Capacity:	No Capacity Limit
Eligibility:	Open to active SkillsUSA members.

Outstanding Chapter: The competition consists of documenting and presenting activities members have been involved with during the school year, including chapter meetings, leadership training, publicity, community service projects, professional development, program of work, awards, local and state competitions and other selected chapter activities. Each activity is documented in a professional portfolio and a team of three members are interviewed.

Team/Individual:	Team of 3
Division:	Middle School, High School, College/Postsecondary
SLSC Capacity:	No Capacity Limit
Eligibility:	Open to active SkillsUSA members.

Prepared Speech: The competition requires students to deliver a five- to seven-minute prepared speech based on the annual SkillsUSA competition theme. Competitors are evaluated on their ability to present thoughts relating to the central theme clearly and effectively, and are rated on voice, mechanics and platform deportment.

Team/Individual:	Individual
Division:	Middle School, High School, College/Postsecondary
SLSC Capacity:	3 students per school
Eligibility:	Open to active SkillsUSA members.

Promotional Bulletin Board: The competition evaluates bulletin board displays created by SkillsUSA chapters based on the annual SkillsUSA competition theme. The bulletin boards promote SkillsUSA, career and technical education in general and related occupational information. An accompanying professional portfolio documents the development and construction of the bulletin board.

Team/Individual:	Team of 3
Division:	Middle School, High School, College/Postsecondary
SLSC Capacity:	No Capacity Limit
Eligibility:	Open to active SkillsUSA members.

Quiz Bowl: The Quiz Bowl competition tests a team of five to seven competitors on their ability to quickly respond to knowledge questions covering academics, current events and SkillsUSA professional development curriculum. Teams will demonstrate communication skills, teamwork, problem solving and time-management skills by determining and presenting the answer to each question clearly within the five-second time frame.

Team/Individual:	Team of 5-7
Division:	Middle School, High School, College/Postsecondary
SLSC Capacity:	2 teams per school
Eligibility:	Open to active SkillsUSA members.

Related Technical Math: Through a written test, competitors demonstrate the skills required to solve mathematical problems correctly that are commonly found in the skilled trades and professional and technical occupations. Skills demonstrated include addition; subtraction; multiplication; division of whole numbers; fractions and decimals; applied word problems; percentages; ratio proportions; averages; area; volume; metric measures; and traditional (Imperial) measures and trigonometry.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	No Capacity Limit
Eligibility:	Open to active SkillsUSA members.

Facilithon-Leadership in Facility Management: This competition assesses the competitor's critical problem-solving skills, ability to quickly execute the best response to challenges, and ability to accurately digest complex situations and convey related solutions related to the field of facility management. Competitors complete a multiple-choice quiz, a 15-minute role-play scenario, and a 5 minute emergency challenge. They are judged on understanding of the problem, analysis and approach to the solution, creativity, and quick thinking.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	No Capacity Limit
Eligibility:	Open to active SkillsUSA members.

MANUFACTURING

Additive Manufacturing: Additive manufacturing, also known as 3D Printing, embraces a wide range of materials and derivative processes to build parts suitable for end-use service. The virtually unlimited design freedom enabled by additive manufacturing allows for the creation of shapes and the integration of feature and function that previously required sub-assemblies.

Team/Individual:	Team of 2
Division:	Middle School, High School, College/Postsecondary
SLSC Capacity:	No Capacity Limit
Eligibility:	Open to active SkillsUSA members enrolled in computer-aided design classes, design classes, manufacturing, etc.

Automated Manufacturing Technology: The competition evaluates teams in the 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.

Team/Individual:	Team of 3
Division:	High School & College/Postsecondary
SLSC Capacity:	3 teams per school
Eligibility:	Open to active SkillsUSA members enrolled in programs with precision machining, automated manufacturing, or CAD/CAM or CNC as an occupational objective.

CNC 2-Axis Turning Programmer: This competition evaluates each competitor's ability to independently plan and program jobs for CNC (Computer Numerical Control) turning centers and provide instructions for operators to execute. Competitors program part features and generate NC code using CAM software, troubleshoot G-code programming errors, interpret prints (including geometric dimensioning and tolerancing or GD&T), measure/gauge parts, and demonstrate their theoretical knowledge of CNC turning center configuration, setup, and operation.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	No Capacity Limit
Eligibility:	Open to active SkillsUSA members enrolled in programs with precision machining, automated manufacturing, or CNC as an occupational objective.

CNC 3-Axis Milling Programmer: This competition evaluates each competitor's ability to independently plan and program jobs for CNC (Computer Numerical Control) milling machines and provide instructions for operators to execute. Competitors program part features and generate NC code using CAM software, troubleshoot G-code programming errors, interpret prints (including geometric dimensioning and tolerancing or GD&T), measure/gauge parts, and demonstrate their theoretical knowledge of CNC milling machine configuration, setup, and operation.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	No Capacity Limit
Eligibility:	Open to active SkillsUSA members enrolled in programs with precision machining, automated manufacturing, or CNC as an occupational objective.

Industrial Motor Control: Students demonstrate their knowledge of electrical principles, equipment, and industry codes and standards as it relates to the design and installation of motor control systems. Students demonstrate their skills and abilities in applying that knowledge by properly installing motor control equipment and associated enclosures, raceways, pilot devices, and circuitry in accordance with accepted industry practice and National Electric Code requirements.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	No Capacity Limit
Eligibility:	Open to active SkillsUSA members enrolled in programs with industrial motor control as an occupational objective.

Mechatronics: The competition requires competitors to have the ability to understand complex systems that integrate various elements in the mechanical, fluid power and controls domain, combined with the ability to work in a team environment with people with different areas of expertise. Mechatronic specialists must have well developed skills in pneumatic technology, electrical and electronics systems, mechanical systems, and general automation techniques and practices, including systematic troubleshooting methods. This competition consists of events designed to measure the skills required in the modern automated manufacturing environment. Competitors are required to assemble, adjust and test an automated machine system, troubleshoot and repair a faulty machine system, and take a comprehensive written test. The competition elements have been designed to be as realistic as possible, closely resembling the tasks and activities of modern automation professionals. In addition, there is an individual oral interview. Teams are required to provide their own PLC that will be used in the construction phase.

Team/Individual:	Team of 2
Division:	High School & College/Postsecondary
SLSC Capacity:	No Capacity Limit
Eligibility:	Open to a team of two active SkillsUSA members enrolled in programs with mechatronics technology as an occupational objective. Mechatronics technology includes programs with industrial electricity, fluid power technology, programmable logic controls (PLC) technology, and/or industrial automation as occupational objectives.

Technical Drafting: The competition evaluates a competitor's preparation for employment and recognizes outstanding students for excellence and professionalism in the field of technical drafting. The competition will focus on the solution of industry-developed problems by applying appropriate technical drafting skills and tools including computer-aided drafting (CAD).

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	4 students per school
Eligibility:	Open to active SkillsUSA members enrolled in programs with technical drafting as an occupational objective.

Welding: Competitors receive competition drawings and a set of welding procedure specifications that conform to the latest edition of the American Welding Society standards. At a series of stations, competitors are tested on various aspects of welding: measuring weld replicas, using weld measuring gauges; laying out a plate and using oxy-acetylene equipment to cut several holes that are checked for accuracy and quality; 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). Competitors complete the steel project and weld an aluminum project in various positions using a variety of filler metals.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	3 students per school – 39 student max capacity
Eligibility:	Open to active SkillsUSA members enrolled in CTE programs with welding as an occupational objective

Welding Fabrication: This competition requires a team of three students to use their welding and fabrication skills to build a designed project from the provided material. The project is constructed by the competitors based on provided prints. Teams should be skilled in the following welding and cutting processes: SMAW, GTAW, GMAW, FCAW / OFC and PAC. The students are also required to be proficient in using common tools of a workshop.

Team/Individual:	Team of 3
Division:	High School & College/Postsecondary
SLSC Capacity:	1 team per school
Eligibility:	Open to active SkillsUSA members enrolled in CTE programs with welding as an occupational objective

Welding Sculpture: Competitors demonstrate their ability to design and produce a welded sculpture and to describe all aspects of the creation of their design. Welded sculptures are displayed for the national competition along with a professional portfolio documenting evidence of creating the original work. Competitors will also participate in an on-site welding assessment.

Team/Individual:	Individual
Division:	College/Postsecondary ONLY
SLSC Capacity:	No maximum capacity
Eligibility:	Open to active SkillsUSA members enrolled in CTE programs with welding or metal trades as an occupational objective

Robot Welding: Competitors receive competition drawings and welding procedure specifications. Competitors will be tasked to program a welding robot, the correct torch angle, type of weld, feed rate of wire, and speed of the robot.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	No maximum capacity
Eligibility:	Open to active SkillsUSA members enrolled in CTE programs with welding or metal trades as an occupational objective

TRANSPORTATION, DISTRIBUTION AND LOGISTICS

Automotive Maintenance and Light Repair: The competition is consistent with the automotive maintenance and light repair task list outlined in the guidelines published by the National Institute for Automotive Service Excellence (ASE) and the ASE Education Foundation. Competitors demonstrate their ability to perform tasks selected from the standards mentioned above as determined by the SkillsUSA Championships Technical Committee.

Team/Individual:	Individual
Division:	High School Only
SLSC Capacity:	3 students per school – 45 student max capacity
Eligibility:	Open to active SkillsUSA members enrolled in programs with technical drafting as an occupational objective.

Automotive Refinishing Technology: Competitors demonstrate the ability to perform skills in a series of workstations to assess skills in surface preparation, spray gun operation, paint mixing, matching and applying, solving paint applications problems, determining finish defects with an understanding of causes and cures, masking, and utilizing safety precautions.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	3 students per school – 27 student max capacity
Eligibility:	Open to active SkillsUSA members enrolled in programs with automotive refinishing technology as an occupational objective.

Automotive Service Technology: The competition is consistent with the automobile technician task list outlined in guidelines published by the National Institute for Automotive Service Excellence (ASE) and the ASE Education Foundation. Competitors demonstrate their ability to perform tasks selected from the standards mentioned above as determined by the SkillsUSA Championships Technical Committee.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	High School - 3 students per school College/Postsecondary – 4 students per school 40 student max capacity
Eligibility:	Open to active SkillsUSA members enrolled in CTE programs with automotive technician or automotive service technology as an occupational objective.

Aviation Maintenance Technology: Competitors perform tasks that represent the types of maintenance they will be exposed to in the aircraft industry. The competition scope is consistent with the general, airframe, and powerplant maintenance technician certification guide published by the Federal Aviation Administration.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	No maximum capacity
Eligibility:	Open to active SkillsUSA members enrolled in programs with aviation maintenance technology as an occupational objective.

Collision Damage Appraisal: The competition is consistent with expectations and competencies associated with collision repair center estimators (Blue Printers), insurance auto claim appraisers/adjusters, and independent appraisers. Competitors demonstrate their ability to perform jobs and skills based on, but not limited to, the following: virtual appraisals, computerized estimating specific to frontal damage, unibody damage, light mechanical damage, rear damage including quarter panel replacement, and total loss evaluations. The overall accuracy and quality of the finished products, efficiency, and communication skills will be judged by industry professionals.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	20 student max capacity
Eligibility:	Open to active SkillsUSA members enrolled in CTE programs with collision damage appraisal and total loss evaluation as an occupational objective or members enrolled in collision repair/automotive refinishing programs.

Collision Repair Technology: Competitors demonstrate their ability to perform jobs and skills based on the task list outlined by the National Institute for Automotive Service Excellence (ASE), the I-CAR Knowledge and Skills Protocol, and the ASE Education Foundation. The competition includes a series of workstations to assess skills in the following areas: metal straightening, attachment methods, plastic repair, and structural analysis. The overall appearance of the finished product, speed, and proper safety practices are judged. There is a written test on structural analysis and an ASE exam.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	3 students per school – 27 student max capacity
Eligibility:	Open to active SkillsUSA members enrolled in CTE programs with collision repair technology as an occupational objective

Diesel Equipment Technology: Competitors cycle through stations testing and troubleshooting engines, electrical and electronics systems, and powertrain systems including chassis, transmissions, and carriers. Competitors demonstrate skills in hydraulic systems, vehicle inspections, fundamental failure analysis, brake systems, air-conditioning systems, and general shop skills. Competitors also perform a job interview and complete a written test.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	Up to 6 students per school – 50 student max capacity
Eligibility:	Open to active SkillsUSA members enrolled in CTE programs with diesel equipment technology as an occupational objective

Heavy Equipment Operation: Heavy equipment operators are needed on construction sites all over the country now more than ever. Students should have knowledge of equipment operation, day-to-day maintenance, and activities (such as surveying and blueprint reading) on various machines in different applications. The competition will evaluate each contestant's preparation for employment and recognize outstanding students for excellence and professionalism in the field of heavy equipment operation.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	5 students per school
Eligibility:	Open to active SkillsUSA members enrolled in programs with heavy equipment operation and maintenance as an occupational objective.

Power Equipment Technology: The competition is consistent with the power equipment technology standards for multi-category accreditation task list outlined in Sections 3 through 7, published by the Equipment & Engine Training Council (EETC). Competitors perform tasks representative of those encountered in a dealership's service department. As the competitors rotate through the various stations, they are judged and scored on technical and oral skills. Competitors must demonstrate excellent customer service skills, safe work practices, cleanliness, organization, accuracy, speed, and completion of assigned tasks. The hands-on stations include many aspects of two-stroke, four-stroke, compact diesel engines, and battery-powered equipment and their associated mechanical, hydraulic and electrical systems.

Team/Individual:	Individual
Division:	High School & College/Postsecondary
SLSC Capacity:	5 students per school
Eligibility:	Open to active SkillsUSA members enrolled in programs with small, air-cooled engine repair, compact diesel engine repair or power equipment-related repair as an occupational objective.