

**SkillsUSA
A PATH TO MEETING DIPLOMA REQUIREMENTS**

CAREER-RELATED LEARNING EXPERIENCES: *Participate in career-related learning experiences as outlined in the education plan.*

Career-related learning experiences (CRLE) are structured educational experiences that connect learning to the world beyond the classroom. Experiences provide opportunities in which students apply academic, career-related and technical knowledge and skills and may also help students to clarify career goals. CRLE: Work-Based Learning, Service-Learning, Field-Based Investigations. School-Based Learning, Technology-Based Learning

CAREER-RELATED LEARNING STANDARDS: *Demonstrate career-related knowledge and skills.*

Career-related learning standards (CRLS) are fundamental skills essential for success in employment, college, family and community life. These skills are taught throughout the curriculum, integrated with academic learning and emphasized in the students’ career-related learning experiences. CRLS: Personal Management, Problem Solving, Communication, Teamwork, Employment Foundations, Career Development

EXTENDED APPLICATION: *The student will be able to apply and extend academic and career-related knowledge and skills in new and complex situations appropriate to the student’s personal, academic and/or career interests and post-high school goals.*

Extended application is the application of knowledge and skills in the context of the student’s personal and career interests and post-high school goals. Students use knowledge and skills to solve problems, create products and make presentations in new and complex situations.

**SkillsUSA~ An Association of Students in Technical, Trade, Skill and Service Occupation Studies
How SkillsUSA Event Help Meet Diploma Requirements**

Event	3D Animation and Visualization Contest
Activity	The student will be given one or more animation problems to solve, using skills learned and p Technical Drafting Classes. Each problem requires technical manipulation of dimensional for

	both for industrial and recreational/entertainment purposes. The Contest event is designed and representatives so the student has opportunity to interact with professionals.
Evidence	Contest Rating Sheets and placement medallions
Type of CRLE	Work-Based Learning, School-Based Learning, Technology-Based Learning
Type of CRLS	Problem Solving, Employment Foundations, Personal Management
Event	Advertising Design
Activity	This is a three part competition. The student first takes a written exam assessing general knowledge. Next the student redesigns an existing advertisement using supplied software to demonstrate new skills. Finally, the student is given a design challenge to be completed within an allotted time period. This event tests the problem solving and creative skills required for the industry.
Evidence	Contest Rating Sheets and placement medallions
Type of CRLE	Work-Based Learning, Technology-Based Learning, School-Based Learning
Type of CRLS	Problem Solving, Communication, Employment Foundations, Personal Management
Event	American Spirit Award
Activity	A notebook contest documenting SkillsUSA chapters' community service and citizenship projects. The notebook should reflect a student's belief in the American way of life and the purposes of SkillsUSA.
Evidence	Contest Rating Sheet, placement of medallions, and completed notebook
Type of CRLE	School-Based Learning and Service Learning
Type of CRLS	Personal Management, Problem Solving, Communication, Teamwork
Event	Architectural Drafting Computer
Activity	The student demonstrates understanding of terms and principles used in the architectural profession through a written knowledge test. The student then interprets and applies conventional general drafting standards to a given situation, and develops a set of working drawings from a provided scenario with materials provided.

Evidence	Contest Rating Sheets and placement medallions
Type of CRLE	Work-based Learning, School-Based Learning, Technology-Based Learning
Type of CRLS	Problem Solving, Employment Foundations, Communication, Personal Management
Event	Audio (Radio) Production
Activity	The Audio Production contest is designed to challenge contestants in two person teams to produce a radio production/radio commercial. The team has a limited/specific amount of time over a two day period to gather natural sound, record voiceovers and edit their spot. They then burn their production to a CD. Contestants are judged on the professionalism of their production, the quality of the audio and the amount of information to the listener.
Evidence	Contest Rating Sheet and placement of medallions, completion of the audio product
Type of CRLE	Work-Based Learning, Field-Based Learning, School-Based Learning, Technology-Based Learning
Type of CRLS	Personal Management, Problem Solving, Communication, Teamwork, Employment Foundations, Career Development
Event	Automated Manufacturing Technology
Activity	Plotting is not a scored event. However the contestants must be able to generate a plot and send their data to the plotter. A team contest for three students. The contest evaluates students in integrated manufacturing technology fields of computer aided drafting/design (CAD), computer manufacturing (CAM), and computer numerical controlled machining (CNC). CAD operator generates the geometry; the CAM operator generates the tool paths; and the CNC operator sets up the machine.
Evidence	Contest Rating Sheets and placement medallions
Type of CRLE	Work-Based Learning, School-Based Learning, Technology-Based Learning
Type of CRLS	Problem Solving, Employment Foundations, Teamwork, Personal Management
Event	Automated Refinishing Technology

Activity	The competition includes a series of workstations and an interview process designed to assess preparation, spray gun operation and related equipment, paint mixing, matching and applying problems, finish defects, causes and cures and safety precautions and an ASE written exam.
Evidence	Contest Rating Sheet and placement of medallions
Type of CRLE	Work-Based Learning, School-Based Learning, Technology-Based Learning
Type of CRLS	Problem Solving, Employment Foundations, Personal Management,
Event	Automotive Service Technology
Activity	The Student is presented with Automotive Service skill problems in 8 to 12 timed technical st engine, measurement, drive train and diagnostics and challenged to solve the problem or comp explain the process to an industry judge. The Gold Medal winner is eligible to compete at the state winners.
Evidence	Rating Sheets from the competition and medallions for placement
Type of CRLE	Work-Based Learning, Technology-Based Learning, School-Based Learning
Type of CRLS	Problem Solving, Employment Foundations, Career Development, Personal Management
Event	Cabinetmaking
Activity	The student is presented with a series of work stations which require the building of a small ca drawings supplied. The student will demonstrate ability to apply wood veneers and plastic lan install components; cut and shape components; design and lay out; finish surfaces; and transp
Evidence	Contest Rating Sheets and placement medallions
Type of CRLE	Work-Based Learning, School-Based Learning, Technology-Based Learning
Type of CRLS	Problem Solving, Employment Foundations, Personal Management
Event	Cake Decorating

Activity	Contestants will be given a ‘customer’ order to fulfill. They will use the order to demonstrate ability to ice and decorate a cake according to customer specifications.
Evidence	Contest Rating Sheets and placement medallions
Type of CRLE	Work-Based Learning, School-Based Learning
Type of CRLS	Personal Management, Problem Solving, Employment Foundations
Event	Carpentry
Activity	The student will demonstrate accuracy, workmanship, the ability to read and interpret blueprints, use tools and equipment by framing walls using wood and steel studs, cutting and installing crown molding, installing drywall, baseboard moldings and window trim.
Evidence	Contest Rating Sheets and placement medallions
Type of CRLE	Work-Based Learning, School-Based Learning
Type of CRLS	Problem Solving, Employment foundations, Personal Management
Event	Chapter Display
Activity	Working as a team, the students develop a design related to a theme and demonstrate teamwork, communications, marketing a product, and workplace skills of workmanship through the creation of a chapter display.
Evidence	Contest Rating Sheets and placement medallions
Type of CRLE	Work-Based Learning, School-Based Learning
Type of CRLS	Personal Management, Problem Solving, Communication, Teamwork
Event	Collision Repair Technology
Activity	This is a four-part competition. It includes the completion of a written exam to demonstrate knowledge of automotive analysis, structural analysis, and mechanical and electrical components. Working through a series of tasks, students demonstrate skill in metalwork, welding, and plastic repair. The writing of an estimate, and an

Evidence	Contest Rating Sheets and placement medallions
Type of CRLE	Work-Based Learning, School-Based Learning, Technology-Based Learning
Type of CRLS	Problem Solving, Communication, Employment Foundations, Personal Management
Event	Commercial Baking
Activity	Challenges contestants to meet production and quality standards expected by industry. They must mix, prepare and bake six products (including breads, rolls, Danish, cookies and pies) demonstrating their decorating skills. They must deliver a quality, salable product while working efficiently under time and budget conditions.
Evidence	Contest Rating Sheets and placement medallions
Type of CRLE	Work-Based Learning, School-Based Learning, Service Learning
Type of CRLS	Teamwork, Problem Solving, Employment Foundations, Personal Management
Event	Community Service Award
Activity	Evaluates local chapter activities that benefit the community. SkillsUSA chapters present their service project for the year to a panel of judges. Contestants are evaluated on: (1) a notebook reporting on their service project and, (2) a live presentation by a chapter team of three members. The team may consist of high school/college/postsecondary students.
Evidence	Contest Rating Sheet and placement medallions
Type of CRLE	Service-Based Learning and School-Based Learning
Type of CRLS	Personal Management, Problem Solving, Communication, Teamworks
Event	Computer Assisted Drafting (CAD)
Activity	Students will use CAD/CAM software to solve a given drafting problem.
Evidence	Contest Rating Sheets and placement medallions

Type of CRLE	School-Based Learning, Technology-Based Learning, Work-Based Learning
Type of CRLS	Problem Solving, Employment Foundations, Personal Management
Event	Computer Maintenance Technology
Activity	The contest is defined by industry standards as determined by the CompTIA A+ Certification. Contestants take a computer-based knowledge exam which evaluates competencies congruent with those of the certification exam. Contestants also work through a series of workstations on a fixed time schedule to solve hardware and software problems.
Evidence	Contest Rating Sheets and placement medallions
Type of CRLE	Work-Based Learning, School-Based Learning, Technology-Based Learning
Type of CRLS	Problem Solving, Employment Foundations, Personal Management
Event	Computer Programming
Activity	Contestants take a written knowledge test assessing knowledge of Visual Basic, Java, C++ and other programming languages. They are given a solution to a computer programming problem given background information, program specifications, and a set of program output requirements. An appropriate computer program from design notes and instructions is provided.
Evidence	Contest Rating Sheets and placement medallions
Type of CRLE	School-Based Learning, Technology-Based Learning, Work-Based Learning
Type of CRLS	Problem Solving, Communication, Employment Foundations, Personal Management
Event	Cosmetology
Activity	Students will demonstrate skills in haircutting, hair styling, and long-hair design at multiple stations. Creativity is assessed in a long-hair design test, while haircutting is tested in the re-creation of a woman's haircut from a photograph. Contestants will also demonstrate verbal presentations skills in a communication assessment.
Evidence	Contest Rating Sheets and placement medallions

Type of CRLE	Work-Based Learning, School-Based Learning
Type of CRLS	Problem Solving, Communication, Employment Foundations, Personal Management
Event	Culinary Arts
Activity	The students work through a series of testing stations for the actual preparation of food and appetizers or platters and in dishes to serve to the customer.
Evidence	Contest Rating Sheets and placement medallions
Type of CRLE	Work-Based Learning, School-Based Learning, Service-Learning
Type of CRLS	Personal Management, Problem Solving, Communication, Employment Foundations, Career Development
Event	Customer Service
Activity	Evaluates students' proficiency in providing customer service. The contest involves live, role-played scenarios. Contestants demonstrate their ability to perform customer service in both written and oral form. Skills tested include computer skills, communications, problem solving, conflict resolution and business etiquette.
Evidence	Contest Rating Sheet and placement of medallions
Type of CRLE	Work-Based Learning and School-Based Learning
Type of CRLS	Personal Management, Problem Solving, Communication, Teamwork, Employment Foundations
Event	Crime Scene Investigation
Activity	Contestants will be directed to the crime scene and briefed as to the situation. The contestants will process the crime scene. They will legally search for, properly collect and remove evidence of the crime. The team will be required to lift a latent fingerprint from a pre-selected item of evidence. After the fingerprint is processed, the contestants will write their report, draw the crime scene sketch and mark their evidence.
Evidence	Contest Rating Sheet and placement of medallions
Type of CRLE	Work-Based Learning, School-Based Learning, and Field Based Investigation

Type of CRLS	Personal Management, Problem Solving, Communication, Teamwork, and Employment Foundations
Event	Criminal Justice
Activity	Students will work through activities that simulate situations encountered by criminal justice professionals. Activities include: proper use of firearms and chemical agents, the correct procedures to use to arrest and search a suspect, how to identify clear and legible latent fingerprints, trial procedures and how to provide testimony, and demonstrate emergency and crisis skills needed for emergency and crisis situations.
Evidence	Contest Rating Sheets and placement medallions
Type of CRLE	Work-Based Learning, School-Based Learning, Field-Based Investigations
Type of CRLS	Personal Management, Problem Solving, Communication, Employment Foundations
Event	Diesel Equipment Technology Contest
Activity	The student participates in 8 to 12 stations, each one representing a technical problem or measurement. The contest includes electrical troubleshooting, system diagnostics, tool and service equipment manipulation, and problem solving.
Evidence	Contest Rating Sheets and placement medallions
Type of CRLE	Work-Based Learning, School-Based Learning
Type of CRLS	Problem Solving, Employment Foundations, Personal Management
Event	Electronics Applications
Activity	The student participates in stations which include problems in linear amplifiers, power supplies, and communications systems, and an assembly project. Students also participate in an interview with a customer focusing on customer service.
Evidence	Contest Rating Sheets and placement medallions
Type of CRLE	Work-Based Learning, School-Based Learning, Technology-Based Learning

Type of CRLS	Problem Solving, Communication, Employment Foundations, Personal Management
Event	Electronics Technology
Activity	Contestants are given a project that requires them to read and follow instructions, interpret a circuit diagram, identify and correct design flaws and construct a variable-power DC power supply and a random access memory (RAM) module.
Evidence	Contest Rating Sheets and placement medallions
Type of CRLE	Work-Based Learning, School-Based Learning, Technology-Based Learning
Type of CRLS	Problem Solving, Communication, Employment Foundations, Personal Management
Event	Emblem Ceremony
Activity	This is a team event. The contestants demonstrate the SkillsUSA Emblem Ceremony conducted by the SkillsUSA organization. The activity includes a script and description as printed in the SkillsUSA Championships Technical Standards.
Evidence	Rating Sheet or Placement Medallion
Type of CRLE	Work-Based Learning, School-Based Learning
Type of CRLS	Personal Management, Problem Solving, Communication, Teamwork
Event	Engineering Technology
Activity	A team of three students demonstrates their ability to design an innovative engineering project along with a display and live model. During the presentation, students are judged on their performance, team, presentation of their project to a panel of judges from the engineering field, their storybook, and the overall effect of the presentation.
Evidence	Rating Sheet and Placement of Medallions
Type of CRLE	Work-Based Learning, School-Based Learning, Technology-Based Learning
Type of CRLS	Personal Management, Problem Solving, Communication, Teamwork, Employment Foundations

Event	Esthetics
Activity	Students are tested on their knowledge of skin care including identifying and diagnosing skin facials, proper sterilization and sanitation procedures and the application of both day and even
Evidence	Rating Sheet and Placement of Medallions
Type of CRLE	Work-Based Learning and School-Based Learning
Type of CRLS	Personal Management, Problem Solving, Communication, Employment Foundations
Event	Extemporaneous Speaking
Activity	The student gives a speech on an assigned topic with minimal preparation time.
Evidence	Contest Rating Sheet and placement medallions
Type of CRLE	School-Based Learning
Type of CRLS	Personal Management, Problem Solving, Communication
Event	First Aid/CPR
Activity	Contestants will demonstrate their ability to perform procedures or take appropriate action bas incorporating CPR, choking, seizures and diabetic emergencies, injuries to muscles, bones and burn care.
Evidence	Contest Rating Sheets and placement medallions
Type of CRLE	School-Based Learning
Type of CRLS	Problem Solving, Teamwork, Personal Management
Event	Food and Beverage Service
Activity	Contestants are tested on skills required in the "front of the house" of a fine restaurant. The fo guest relations in the dining room including: table set up; greeting guests; reservations proced description of food, drinks, soups and specials of the day; taking orders; serving each course a

	each course; and preparation and presentation of the check and closing remarks. Contestants a appearance, tableside manner, professionalism, ease with guests, courtesy, general knowledge skills.
Evidence	Rating sheet or placement medallion
Type of CRLE	Work-Based Learning, School-Based Learning
Type of CRLS	Employment Foundations, Communications, Personal Management, Problem Solving
Event	Graphic Communications
Activity	Contestants participate in a series of 6 performance stations including: digital workflow, elect offset press operations, oral professional assessment, and production planning
Evidence	Rating Sheet or placement medallion
Type of CRLE	Work-Based Learning, School-Based Learning, Technology-Based Learning
Type of CRLS	Problem Solving, Communication, Employment Foundations, Personal Management
Event	Internetworking
Activity	Student works through a design problem to demonstrate ability to design functionality, scalab manageability of an internetworking system. The student will also work through a hands-on c install or repair a network and demonstrate that the installation properly runs Internet applicat
Evidence	Rating Sheet or placement medallion
Type of CRLE	Technology-Based Learning, Work-Based Learning, School-Based Learning
Type of CRLS	Problem Solving, Communication, Employment Foundations, Personal Management
Event	Job Interview
Activity	Student presents a completed Resume to an evaluator, completes an application and participat industry evaluator.

Evidence	Rating sheet or placement medallion
Type of CRLE	Work-Based Learning
Type of CRLS	Employment Foundations, Career Development, Communication
Event	Job Skill Demonstration
Activity	The student presents a performance of an occupational skill accompanied by a clear explanation of the use of experiments, displays or practical operations.
Evidence	Rating Sheet or placement medallion
Type of CRLE	Work-Based Learning, Technology-Based Learning
Type of CRLS	Personal Management, Problem Solving, Communication, Employment Foundations
Event	Nail Care
Activity	The student will participate in a series of testing situations that will allow them to demonstrate skills in the areas of customer service, safety and sanitation, natural nail care, artificial nails, and nail lacquer application.
Evidence	Rating sheet or placement medallion
Type of CRLE	Work-Based Learning, School-Based Learning
Type of CRLS	Personal Management, Problem Solving, Employment Foundations
Event	Nurse Assisting
Activity	Contestants perform procedures or demonstrate skills in the areas of daily living activities, personal care, employability, assessment and observation, nutrition and elimination.
Evidence	Rating Sheet or placement medallion
Type of CRLE	Work-Based Learning, Service-Learning, School-Based Learning

Type of CRLS	Personal Management, Problem Solving, Communication, Employment Foundations
Event	Opening and Closing Ceremonies
Activity	This is a team event. The contestants demonstrate the SkillsUSA Opening and Closing Ceremonies to the given script and description as printed in the SkillsUSA Championships Technical Standards.
Evidence	Rating Sheet or Placement Medallion
Type of CRLE	Work-Based Learning, School-Based Learning
Type of CRLS	Personal Management, Problem Solving, Communication, Teamwork
Event	Outstanding Chapter
Activity	This is a group event. Throughout the year the chapter plans, organizes, implements, and records an annual program of work. Records are kept in an official scrapbook and submitted for judging by the secretary's notebook and the treasurer's notebook.
Evidence	Rating Sheet or placement medallion
Type of CRLE	Work-Based Learning, School-Based Learning
Type of CRLS	Personal Management, Problem Solving, Communication, Teamwork
Event	Photography
Activity	Student will submit two photographs to be judged and displayed, as well as participate in up to two contests where they will demonstrate photographic mechanics and techniques.
Evidence	Rating sheet or placement medallion
Type of CRLE	Work-Based Learning, School-Based Learning, Field-Investigation
Type of CRLS	Problem Solving, Communication, Employment Foundations, Career Development, Personal Management
Event	Power Equipment Technology

Activity	Using a series of stations, contestants are assessed on their understanding of two-cycle and four-cycle engines, and of both L-head and overhead valve design, as well as both single and twin camshaft and hydraulic drive trains.
Evidence	Rating sheet or placement medallion
Type of CRLE	Work-Based Learning, School-Based Learning, Technology-Based Learning
Type of CRLS	Problem Solving, Employment Foundations, Personal Management
Event	Precision Machining Technology
Activity	Contestants will compete in NIMS Level I & II manual machining skills and knowledge areas including manual milling machines, lathes, drill presses, and surface grinders. Contestant knowledge of using a PC will be evaluated. Related knowledge and skill in the areas of engineering drawing, technical math, machining practices, use of precision measuring/hand tools and ability to communicate proper industry terminology are also part of this competition.
Evidence	Rating sheet or placement medallion
Type of CRLE	Work-Based Learning, Technology-Based Learning, School-Based Learning
Type of CRLS	Employment Foundations, Communication, Personal Management, Problem Solving
Event	Prepared Speech
Activity	Requires students to deliver a speech five to seven minutes in length on a common theme at the National SkillsUSA early in the school year. Contestants are evaluated on their ability to communicate relating to a central theme clearly and effectively, and on voice, mechanics, and platform.
Evidence	Rating sheet or placement medallion
Type of CRLE	School-Based Learning, Field-Based Investigations
Type of CRLS	Communications, Personal Management
Event	Preschool Teaching Assistant

Activity	In this competition the student participates in two parts. The first part is to design and develop assigned curriculum area that the student will perform in front of the judges after a three-hour preparation and research on the topic. The second part is to present a transitional activity and of young persons.
Evidence	Rating Sheet or placement medallion
Type of CRLE	Work-Based Learning, Service-Learning, School-Based Learning
Type of CRLS	Personal Management, Problem Solving, Communication, Employment Foundations, Teamw
Event	Promotional Bulletin Board Display
Activity	Contestants develop a promotional bulletin board with a theme related to SkillsUSA which m local SkillsUSA chapter activities or technical, skilled and service occupations, including heal also participate in an interview.
Evidence	Rating Sheet or placement medallion
Type of CRLE	School-Based Learning
Type of CRLS	Personal Management, Problem Solving, Communication, Career Development
Event	Quiz Bowl
Activity	This is a team event. Teams will demonstrate communication skills, team work, problem solv skills by determining and presenting the answer to each question clearly within a five-second
Evidence	Rating Sheet or Placement Medallion
Type of CRLE	School-Based Learning
Type of CRLS	Problem Solving, Communication, Teamwork
Event	Related Technical Math
Activity	Contestants participate in a written knowledge test covering their knowledge of geometry, alg statistics.

Evidence	Written Test Score or placement medallion
Type of CRLE	School-Based Learning
Type of CRLS	Problem Solving, Personal Management
Event	Residential Wiring
Activity	Student will complete a series of work stations that have information and instruction sheets for completing a light commercial installation.
Evidence	Contest Rating Sheets and placement medallions
Type of CRLE	Work-Based Learning, School-Based Learning, Technology-Based Learning
Type of CRLS	Problem Solving, Employment Foundations, Personal Management
Event	Safety Participation
Activity	The student will identify safety hazards on a tour through several shop areas as well as take an exam.
Evidence	Contest Rating Sheets and Placement Medallions
Type of CRLE	School-Based Learning, Work-Based Learning
Type of CRLS	Problem Solving, Communication, Employment Foundations, Personal Management
Event	Sheet Metal
Activity	Contestants complete a given job which may include doing things such as connecting sheet metal, spot welding, and riveting as well as straight duct transition fitting and 45-degree entry tap fitting.
Evidence	Contest Rating Sheets and placement medallions
Type of CRLE	Work-Based Learning, School-Based Learning, Technology-Based Learning

Type of CRLS	Problem Solving, Employment Foundations, Personal Management
Event	Teamworks
Activity	Requires teams of four to Present plans and build a joint project in three days, demonstrating employment in residential construction. Team members must: analyze a project drawing; write presentation (in which each team member is required to have an active part); and demonstrate team performing skills in residential carpentry, plumbing, electricity and masonry. They are a jobsite, timeliness of completing the project, and proper ordering and inventorying of tools and
Evidence	Contest Rating Sheet and Placement of Medallions
Type of CRLE	School-Based Learning and Work-Based Learning
Type of CRLS	Personal Management, Teamwork, Personal Management, Communication, Employment Found
Event	Technical Computer Applications
Activity	Contestants will be expected to demonstrate installation, configuration and use of DC XP/2000 Professional Operating Systems and one or more integrated office suite packages including word processing, spreadsheet applications, database applications, web page development, management applications, presentations applications, internet browser applications, and other integrated office suites could be used. The contest will include an oral presentation of students' ability to communicate with others, the hands-on skills demonstration, and will be allowed for a written examination
Evidence	Contest Rating Sheets and placement medallions
Type of CRLE	Work-Based Learning, School-Based Learning, Technology-Based Learning
Type of CRLS	Problem Solving, Communication, Employment Foundations, Personal Management
Event	Technical Drafting
Activity	This contest evaluates contestant's preparation for employment and recognizes outstanding student professionalism in the field of technical drafting. The contest will focus on the solution of individual problems by applying appropriate technical drafting skills and tools including computer-aided drafting (CAD)
Evidence	Rating sheet or placement medallion

Type of CRLE	Work-Based Learning, Technology-Based Learning, School-Based Learning
Type of CRLS	Employment Foundations, Personal Management, Problem Solving
Event	Tech Prep Showcase
Activity	Recognizes outstanding Tech Prep students for their ability to present, through the design and the application of skills and education brought about through Tech Prep career training. Student team presentation applying the appropriate technology associated with the Tech Prep program. All students enrolled in the same recognized Tech Prep program must present the project.
Evidence	Rating Sheet and placement of medallions
Type of CRLE	Service-Based Learning and School Based Learning
Type of CRLS	Personal Management, Teamwork, Communication, Problem Solving,
Event	Television (Video) Production
Activity	Teams of two contestants are required to shoot a one-minute VHS video on location at the event. Editing is done in the contest area with special emphasis on professional production industry standards, quality of audio and video, and adequate conveyance of the "theme".
Evidence	Contest Rating Sheets and placement medallions
Type of CRLE	Work-Based Learning, School-Based Learning, Technology-Based Learning
Type of CRLS	Problem Solving, Communication, Teamwork, Employment Foundations, Personal Management
Event	Video Product Development
Activity	Teams of two produce a five to seven minute video that promotes one of the following: the positive aspects of a career/technical training program; the positive aspects of a specific career/technical school; or SkillsUSA. The video can use any theme as long as it supports the purpose and provides a tool for students to enroll in their school; enroll in their school's training program, or join SkillsUSA; volunteers from business, industry, and labor to support SkillsUSA by donating their time and resources; or state SkillsUSA Championships; or gain support for career/ technical education from other sources such as educators, parents, and/or political leaders.

Evidence	Contest Rating Sheet, Placement of Medallions, Completion of Video
Type of CRLE	Work-Based Learning and School-Based Learning
Type of CRLS	Personal Management, Teamwork, Communication, Problem Solving, Employment Foundations
Event	Web Design
Activity	A team of two students design and build several types of Websites to industrial specifications. This activity assesses the contestant's understanding of web related systems, the ability to follow design instructions and the ability to work in an employment environment.
Evidence	Rating sheet or placement medallion
Type of CRLE	Work-Based Learning, School-Based Learning, Technology-Based Learning
Type of CRLS	Employment Foundations, Teamwork, Personal Management, Problem Solving
Event	Welding – General
Activity	Competitors receive contest drawings and a set of welding procedure specifications. The drawings include symbols, and welding terms conform to the latest edition of the American Welding Society's AWS A5.1. Competitors work at a series of stations, contestants are tested on various aspects of welding: measuring and using measuring gauges; laying out a plate and using oxy-acetylene equipment to cut several shapes for accuracy and quality; gas metal arc welding (GMAW) on steel making welds in various positions; and, using a combination machine capable of providing the correct shielding gas for shielded metal arc (SMAW) and gas tungsten arc welding (GTAW). Competitors complete and weld an aluminum project in various positions using a variety of filler metals.
Evidence	Contest Rating Sheets and placement medallions
Type of CRLE	Work-Based Learning, School-Based Learning.
Type of CRLS	Problem Solving, Employment Foundations, Personal Management
Event	Welding – Oxyacetylene

Activity	Contestants will demonstrate skills in welding mild steel of 16 gauge and cutting mild steel 1/2 inch to 1 inch as well as skills in using 1/16 to 3/16 welding rods and 1/16 to 1/8 brazing rods.
Evidence	Contest Rating Sheets and placement medallions
Type of CRLE	Work-Based Learning, School Based Learning
Type of CRLS	Problem Solving, Employment Foundations, Personal Management
Event	Welding - Shielded Metal Arc
Activity	Contestants will be tested on material of a low carbon content and shall conform to the P1 class 1X Code and will use either E 6010, E 6011, E6013, E 7018, E 7014, or E 7024 electrodes.
Evidence	Contest Rating Sheets and placement medallions
Type of CRLE	Work-Based Learning, School Based Learning
Type of CRLS	Problem Solving, Employment Foundations, Personal Management
Event	Welding – Gas Metal Arc
Activity	Students will be tested on mild carbon steel with a low carbon content and will use half oxygen 25% CO2 shielding gas to perform competencies determined by the technical committee.
Evidence	Contest Rating Sheets and placement medallions
Type of CRLE	Work-Based Learning, School Based Learning
Type of CRLS	Problem Solving, Employment Foundations, Personal Management
Event	Welding – Gas Tungsten
Activity	Contestants will demonstrate their skills on 5000 series aluminum and the aluminum-magnesium alloy using 3/32” diameter tungsten electrodes, 3/32” filler metal, and argon shielding gas.
Evidence	Contest Rating Sheets and placement medallions

Type of CRLE	Work-Based Learning, School Based Learning
Type of CRLS	Problem Solving, Employment Foundations, Personal Management
Event	Welding – Fabrication Team
Activity	This is a team event. Contestants will demonstrate skills as they apply to the requisition of materials from a drawing, the fabrication of a product, and the ability to work within a group.
Evidence	Contest Rating Sheets and placement medallions
Type of CRLE	Work-Based Learning, School Based Learning
Type of CRLS	Problem Solving, Employment Foundations, Teamwork, Communication, Personal Management