



PURPOSE

To evaluate a team's ability to conduct a crime scene investigation.

First, download and review the General Regulations at updates.skillsusa.org.

ELIGIBILITY (TEAM OF THREE)

Open to a team of three (3) active SkillsUSA members from the same local chapter (school) enrolled in programs, work-based learning, and/or community training programs with law enforcement and/or public safety as an occupational objective. Each state may send one high school and one college/postsecondary team. A full team must be registered. See General Regulations for more information about substitution and penalty rules.

CLOTHING REQUIREMENTS

Class D: Competition Specific — Blue Attire

- Official SkillsUSA light blue work shirt
- Navy pants
Note: Must be work style pants (e.g., Dickie's) or BDU/tactical style (e.g. 5.11). Accompanied by a black or brown belt.
- Black, brown, or tan work safety shoes (Protective toe cap is not required. Shoes must be professional/police or tactical style boots. No tennis/running style shoes.)

Note: Safety glasses must have side shields or goggles. (Prescription safety glasses may be used only if they are equipped with side shields. If not, they must be covered with goggles.)

These regulations refer to SkillsUSA Championships Clothing Classifications that are pictured and described at skillsusastore.org. If you have questions about competition uniforms, call the SkillsUSA Store at 888-501-2183.

Note: Competitors must wear their official competition clothing to the competition orientation.

EQUIPMENT AND MATERIALS

1. Supplied by the technical committee:
 - a. Crime scene: All necessary materials for the competition not specified elsewhere.
 - b. All paperwork and forms will be provided. No written materials, forms, or reference materials are allowed in the competition.
2. Supplied by the competitors:
 - a. Crime scene kit containing materials necessary to conduct a crime scene investigation. Materials can be carried in a toolbox or similar closable hard shell storage container.
 - 1). Digital Camera (not a cell phone) with removable media card
 - 2). PPE to include safety glasses, mask/face shield, shoe covers, and non-latex examination gloves
 - 3). Latent print examination kit/fingerprint kit with brush(es), cards, tape and dispenser. No more than three colors of magnetic and three colors of plain powder.
 - a) Carcinogenic forensic chemicals are prohibited.
 - 4). Measuring device (laser measuring device or tape measure)
 - 5). Scale (preferably an 'L' shaped scale)
 - 6). Sterile swabs and swab boxes
 - 7). Water in dispenser bottle/dropper (distilled preferred/not required)
 - 8). Evidence placards/markers/cones
 - 9). Evidence bags; paper and plastic, various sizes
 - 10). Tamper proof evidence tape
 - 11). Sharpie
 - 12). Sketching kit
 - 13). Tweezers
 - 14). Small pocket notebook for field notes
 - 15). Pens and #2 pencils
 - 16). Flashlight(s)
 - 17). Paper – option of plain, lined, and/or graph
 - 18). Clipboard(s)
 - 19). Scissors – optional
 - b. All competitors must create and submit online a one-page single sided resume. See “Online Submission Requirements” below for guidelines.

Note: All national competitors must also check for competition-specific updates and/or competitor preparation instructions on the SkillsUSA website at updates.skillsusa.org.

Note: No additional equipment will be allowed. Equipment check will occur during orientation.

PROHIBITED DEVICES

Cellphones, electronic watches and/or other electronic devices not approved by a competition's national technical committee are **NOT** allowed in the competition area. Please follow the guidelines in each technical standard for approved exceptions. Technical committee members may also approve exceptions onsite during the SkillsUSA Championships if deemed appropriate.

Penalties for Prohibited Devices

If a competitor's electronic device makes noise or if the competitor is seen using it at any time during the competition, an official report will be documented for review by the Director of the SkillsUSA Championships. If confirmed that the competitor used the device in a manner which compromised the integrity of the competition, the competitor's scores may be removed.

ONLINE SUBMISSION REQUIREMENTS

All SkillsUSA national competitors must submit their one-page single sided resume online. The deadline and link for online submissions will be published on updates.skillsusa.org.

Failure to submit any of the required document(s) listed below by the established deadline will result in a 10-point penalty.

1. One-page single sided resume

Your submission must be saved as PDF file type using the file name format of "Your Last Name_Your First Name_Resume." For example, "Amanda Smith" would save the individual PDF submissions file as:

- Smith_Amanda_Resume

SCOPE OF THE COMPETITION

The competition is defined by industry standards as identified by the SkillsUSA technical committee.

The following is a list of materials used in the development of the competition:

- FBI Handbook of Forensic Services (2019):
<https://www.fbi.gov/file-repository/handbook-of-forensic-services-pdf.pdf/view>
- NIST Crime Scene Investigation — A Guide for Law Enforcement (2013):
<https://www.nist.gov/system/files/documents/forensics/Crime-Scene-Investigation.pdf>
- Criminal Investigation by Thomas Brown from Open Educational Resources (2022):
<https://www.oercommons.org/courses/criminal-investigation>

KNOWLEDGE PERFORMANCE

The competition will include a test assessing knowledge from the standards and competencies section listed below. Team members will test independently and cannot consult with one another during testing. Each competitor is also required to take the SkillsUSA Professional Development Test.

SKILLS PERFORMANCE

The competition will include activities that simulate situations encountered by criminal investigation professionals.

The Skills Performance is broken down into four main sections.

1. Crime Scene Practicum - students will have 15 minutes in a mock crime scene. They will photograph, search, identify evidence, and collect information necessary to record the crime scene. They will not remove evidence. The focus is on the recording stage of crime scene processing.
2. Paperwork - the students will then complete the crime scene sketch, photo log (with photos), property forms, and individual narratives (paperwork). Their photos will be collected from their media card for judging.
3. Skill Demonstration - the team will be given three (3) skills to demonstrate. The team will decide which member will demonstrate each skill. Each member of the team will demonstrate one skill. Each skill can only be demonstrated by one member of the team. Examples of skills to be demonstrated may include, but are not limited to, the following: collecting a type of evidence, processing a type of evidence, or a similar crime scene skill.
4. Evidence Interpretation - the team will work together to evaluate or analyze evidence. During this exercise, the team may be asked to examine a single article of evidence, lab result(s), or compare multiple pieces of evidence and then to make the proper conclusion about it.

Note: The competition committee may choose to connect all the events in one common crime event and link all the stations. The only required connection is between the practicum and the paperwork. The Demonstration and Evidence stations may cover skills and items not connected to the mock crime scene.

COMPETITION GUIDELINES

1. Each competitor must work independently without assistance from instructors, other teams and/or observers. Contact with competitors must be coordinated through designated event staff only. Any violation of this may result in a disqualification of the team.
2. A competitor holding area will be established if observation of stations/scenarios presents a competitive advantage. Competitors must remain in the holding area until they complete all required stations.
3. Cellphones, iPads/tablets, smart watches, wearable technology, or any other electronic communication device are prohibited in the competition and holding areas. Competitors are allowed to have reading material i.e., books, magazines in the holding area. Body cameras are allowed if they do not violate any other prohibition. See “Prohibited Devices” section above for more information.
4. Only competitors, judges, and event staff are allowed in the indoor and outdoor competition areas. Observation is limited to the area designated by the judges or event staff. Any violation of this may result in the disqualification of the team.
5. Contact with the judges in any way, at any time, without the expressed permission of the competition coordinator, is prohibited.

STANDARDS AND COMPETENCIES

CSI 1.0 — Demonstrate or explain activities prior to conducting a crime scene search

- 1.1. Obtain information from the responding officer and secure the scene

- 1.2. Explain laws, processes and protocols securing a scene
- 1.3. Explain laws and legal issues related to crime scene processing

CSI 2.0 — Explain and demonstrate the use of crime scene photography

- 2.1. Demonstrate proper crime scene photography
- 2.2. Document photographs taken at the crime scene

CSI 3.0 — Properly search for, collect and remove physical evidence from a crime scene

- 3.1. Explain and demonstrate appropriate search method to use
- 3.2. Properly identify and mark all evidence
- 3.3. Explain methods for collecting various types of evidence
- 3.4. Explain and demonstrate proper preserving and preparing for transport of all evidence

CSI 4.0 — Draw a crime scene sketch using proper measurements, symbols and labels

- 4.1. Demonstrate proper use of measurements
- 4.2. Demonstrate the proper use of symbols and labels
- 4.3. Complete a sketch including all required elements

CSI 5.0 — Apply proper procedures for developing and collecting latent fingerprints at a crime scene

- 5.1. Demonstrate the ability to properly lift and transfer a latent fingerprint from a designated item of evidence
- 5.2. Demonstrate the proper procedure for completing a latent fingerprint card

CSI 6.0 — Release a crime scene properly and legally

- 6.1. Demonstrate the ability to prepare an evidence log
- 6.2. Demonstrate the ability to remove all evidence and equipment from crime scene

CSI 7.0 — Work together as a professional team to conduct a crime scene investigation

- 7.1. Demonstrate professional bearing and demeanor
- 7.2. Demonstrate the ability to assign team members' tasks equal to their aptitude

CSI 8.0 — SkillsUSA Framework

The SkillsUSA Framework is used to pinpoint the Essential Elements found in Personal Skills, Workplace Skills and Technical Skills Grounded in Academics. Students will be expected to display or explain how they used some of these Essential Elements. For more, visit:

www.skillsusa.org/who-we-are/skillsusa-framework/

COMMITTEE IDENTIFIED ACADEMIC SKILLS

The technical committee has identified that the following academic skills are embedded in this competition.

Math Skills

- Measure angles
- Use the rectangular coordinate method to locate evidence (uses two fixed reference points and right angles to indicate the exact location of evidence in the crime scene)

Science Skills

- Plan and conduct a scientific investigation
- Use the proper method for developing latent fingerprints
- Identify and demonstrate necessary safety precautions for handling and processing DNA evidence

Language Arts Skills

- Provide information in conversations and in group discussions
- Provide information in oral presentations
- Demonstrate use of such verbal communication skills as word choice, pitch, feeling, tone and voice
- Demonstrate use of such nonverbal communication skills as eye contact, posture and gestures using interviewing techniques to gain information
- Organize and synthesize information for use in written and oral presentations
- Demonstrate informational writing
- Edit writing for correct grammar, capitalization, punctuation, spelling, sentence structure and paragraphing

CONNECTIONS TO NATIONAL STANDARDS

State-level academic curriculum specialists identified the following connections to national academic standards.

Math Standards

- Algebra
- Geometry
- Measurement
- Data analysis and probability
- Problem solving
- Reasoning and proof
- Communication
- Connections
- Representation

Source: NCTM Principles and Standards for School Mathematics. For more information, visit: <http://www.nctm.org>.

Science Standards

- Understands the principles of heredity and related concepts
- Understands the structure and function of cells and organisms
- Understands the structure and properties of matter
- Understands the nature of scientific knowledge
- Understands the nature of scientific inquiry

Language Arts Standards

- Students adjust their use of spoken, written and visual language (e.g., conventions, style, vocabulary) to communicate effectively with a variety of audiences and for different purposes.
- Students conduct research on issues and interests by generating ideas and questions and by posing problems. They gather, evaluate and synthesize data from a variety of sources (e.g., print and nonprint texts, artifacts, people) to communicate their discoveries in ways that suit their purpose and audience.
- Students use spoken, written and visual language to accomplish their own purposes (e.g., for learning, enjoyment, persuasion and the exchange of information).

Source: IRA/NCTE Standards for the English Language Arts. To view the standards, visit: www.ncte.org/standards.