



MEDICAL TERMINOLOGY



SkillsUSA Championships Technical Standards

PURPOSE

To evaluate the knowledge of medical terminology and abbreviations of an individual preparing for employment in the health occupation field.

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

ELIGIBILITY

Open to active SkillsUSA members enrolled in programs that include medical terminology as a component. Each state may send one high school and one college/postsecondary competitor.

CLOTHING REQUIREMENTS

Class B: Healthcare Attire

- Official SkillsUSA blue scrubs
- White socks or white seamless/nonpattern hose visible above the top of the shoe
- Health-professionals white or black work shoe

Note: Scrubs should fit correctly and must be hemmed and wrinkle-free. A plain white crewneck T-shirt may be worn underneath the scrub top, and it should not be visible from the bottom of the sleeve or the bottom hem area of the scrub top. Hair must be pinned up and off the collar.

Note: Shoes must be all-white or black (no canvas/mesh) and completely enclosed (no open-toe or open-heel). Athletic-style shoes that meet the criteria are acceptable.

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 official competition clothing to the competition orientation.

EQUIPMENT AND MATERIALS

1. Supplied by the technical committee:
 - a. Test problems and instructions
 - b. Scratch paper
2. Supplied by the competitor:
 - a. No. 2 pencil
 - 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.

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

OBSERVER RULE

The competition is closed to observers.

SCOPE OF THE COMPETITION

Core standards from the medical terminology portion of the [National Consortium for Health Science Education](#) make up the categories from which questions are developed for the Medical Terminology competition.

KNOWLEDGE PERFORMANCE

This competition involves successful completion of a medical terminology knowledge test. Competitors are also required to take the SkillsUSA Professional Development Test.

SKILLS PERFORMANCE

Competitors will demonstrate knowledge of medical word roots, prefixes, suffixes, medical word building and medical abbreviations by successfully answering the test questions.

COMPETITION GUIDELINES

1. The test will comprise of problems that allow competitors the opportunity to use their medical terminology and spelling skills.
2. No watches/smartwatches/cellphones or other timing devices are permitted in the competition area.
3. No reference materials may be brought into the competition area.
4. Competitors will have a maximum of two hours to complete the test.
 - a. Once the testing allotted session time has commenced, no additional time will be provided if a competitor reports late to the competition area.
 - b. No bonus will be given for early completion of the competition knowledge test.
5. Competitors will not be allowed to go in or out of the competition area during testing.

STANDARDS AND COMPETENCIES

MTM 1.0 — Exhibit knowledge of accepted medical word roots used in the healthcare industry

- 1.1. Demonstrate knowledge of the fundamental word roots used to build medical terms.
- 1.2. Identify common word roots used for each body system.
- 1.3. Demonstrate the use of common word roots used in disease pathology.
- 1.4. Identify word roots used for diagnostic procedures.

MTM 2.0 — Exhibit knowledge of accepted medical prefixes used in the healthcare industry

- 2.1. Identify and give the meaning of selected prefixes that pertain to position or placement, numbers and amounts, and those that are descriptive and used in general.
- 2.2. Demonstrate the use of common prefixes used in disease pathology.
- 2.3. Identify prefixes used for diagnostic procedures.

MTM 3.0 — Exhibit knowledge of accepted medical suffixes used in the healthcare industry

- 3.1. Identify and give the meaning of selected suffixes that pertain to pathologic conditions.
- 3.2. Identify suffixes used in diagnostic procedures.
- 3.3. Identify suffixes used in surgical procedures and those that are used in general.

MTM 4.0 — Exhibit knowledge of accepted medical abbreviations used in the healthcare industry

- 4.1. Identify and give the meaning of selected prefixes that pertain to position or placement, numbers and amounts, and those that are descriptive and used in general.
- 4.2. Identify and give the meaning of selected suffixes that pertain to pathologic conditions, those used in diagnostic and surgical procedures, and those that are used in general.

MTM 5.0 — Project a professional self-image through attire and grooming.

- 5.1. Demonstrate a professional appearance in dress, good grooming, and personal presentation.
- 5.2. Display clothing that meets national standards requirement for competition.
- 5.3. Demonstrate good grooming in personal hygiene.
- 5.4. Wear clothing that fits well.
- 5.5. Present a wrinkle-free appearance.

MTM 6.0 — 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.

Science Skills

- Understands the principles of heredity and related concepts.
- Identify the organ systems of the human body and the major components of each system.
- Understand the basic function of the human body systems.
- Understand the processes of pathology of the human body systems.

Language Arts Skills

- Demonstrate comprehension of a variety of formal and informal texts
- Demonstrate knowledge of appropriate reference material.
- Understand the source, viewpoint and purpose of texts.
- Organize and synthesize information for use in written presentations.
- Demonstrate knowledge of appropriate reference material.

CONNECTION TO NATIONAL STANDARDS

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

Science Standards

- Understands the principles of heredity and related concepts.

- Understands the structure and function of cells and organisms.
- Understands biological evolution and the diversity of life.
- Understands the structure and properties of matter.
- Understands the nature of scientific knowledge.