



## 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 and to recognize outstanding students for excellence and professionalism.

First, download and review the General Regulations at: <http://updates.skillsusa.org>.

### ELIGIBILITY

Open to active SkillsUSA members enrolled in programs that include medical terminology as a component.

### 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 leather work shoe

*Note:* Scrubs should fit appropriately for all health competitions and should be properly hemmed and wrinkle-free. Only plain, white, collarless T-shirts may be worn underneath the scrubs. Hair must be pinned up and off the collar.

*Note:* Shoes must be all-white or black leather (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 clothing items that are pictured and described at [www.skillsusastore.org](http://www.skillsusastore.org). If you have questions about clothing or other logo items, call 1-888-501-2183.

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

## EQUIPMENT AND MATERIALS

1. Supplied by the technical committee:
  - a. Tables and chairs
  - b. Test problems and instructions
  - c. Scratch paper
2. Supplied by the competitor:
  - a. No. 2 pencil
  - b. All competitors must create a one-page resume. See “Resume Requirement” below for guidelines.

### RESUME REQUIREMENT

Competitors must create a one-page resume to submit online. SkillsUSA national competitors should submit their resume by June 1. The link for resume submission will be published on <http://updates.skillsusa.org> on May 1. Failure to submit a resume will result in a 10-point penalty.

**Your resume must be saved as a PDF file type using file name format of “Last Name\_First Name.”** For example, “Amanda Smith” would save her resume as **Smith\_Amanda**. If you need assistance with saving your file as a PDF, visit [the Adobe website](#) for more information.

**Note:** Check the Competition Guidelines and/or the updates page on the SkillsUSA website at <http://updates.skillsusa.org>.

### PROHIBITED DEVICES

Cell phones 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 SkillsUSA Championships director. If confirmed that the competitor used the device in a manner which compromised the integrity of the competition, the competitor’s scores may be canceled.

## SCOPE OF THE COMPETITION

1. 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.
2. The test will comprise 200 or more problems that will allow competitors the opportunity to use their medical terminology and spelling skills.
3. The competitors will have two and half hours to complete the test. No bonus points will be given for early completion of the test, and no competitor will be allowed to go in or out of the testing site during testing.

## KNOWLEDGE PERFORMANCE

This competition involves successful completion of a written medical terminology knowledge test. Content for the test is based on the Core Standards from the National Health Care Core Skills Standards Project. Competitors are 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 questions.

## STANDARDS AND COMPETENCIES

### **MT 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.

### **MC 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.

### **MT 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.

#### **MT 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.

#### **MT 5.0 — 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. Please reference the graphic above, as you may be scored on specific elements applied to your project. For more, visit: [www.skillsusa.org/about/skillsusa-framework/](http://www.skillsusa.org/about/skillsusa-framework/).



#### **COMMITTEE IDENTIFIED ACADEMIC SKILLS**

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

##### **Math Skills**

None Identified

##### **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 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.

##### **Math Standards**

None Identified

## **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.

*Source: McREL Compendium of National Science Standards. To view and search the compendium, visit:*  
<http://www2.mcrel.org/compendium/browse.asp>.