

# STRANDS AND STANDARDS

## MEDICAL TERMINOLOGY



### Course Description

A one-semester course that helps students understand the Greek- and Latin-based language of medicine and healthcare. Emphasis is placed upon word roots, suffixes, prefixes, abbreviations, symbols, anatomical terms, and terms associated with movements of the human body. This course also stresses the proper pronunciation, spelling, and usage of medical terminology. This class is helpful to anyone considering going in the healthcare field.

<b>Intended Grade Level</b>	9-12
Units of Credit	0.5
Core Code	36.01.00.00.175
Concurrent Enrollment Core Code	36.01.00.13.175
Prerequisite	None
Skill Certification Test Number	704
Test Weight	1.0
<b>License Area of Concentration</b>	CTE and/or Secondary Education 6-12
<b>Required Endorsement(s) (one of the following)</b>	
Endorsement 1	Medical Anatomy & Physiology
Endorsement 2	EMT
Endorsement 3	Surgical Technician
Endorsement 4	Medical Assistant
Endorsement 5	Nurse Assistant
Endorsement 6	Pharmacy Technician

## **STRAND 1**

**General Medical Terms-WILL BE USED THROUGHOUT ALL OTHER STANDARDS. Students will define general medical terms.**

### **Standard 1**

Recognize word construction and dissection.

### **Standard 2**

Apply word building and definitions.

### **Standard 3**

Give the meanings of a set of prefixes.

### **Standard 4**

Give the meanings of a set of word roots.

### **Standard 5**

Give the meanings of a set of suffixes.

### **Standard 6**

Interpret and apply identified general medical abbreviations.

### **Standard 7**

Interpret identified medical symbols.

## **STRAND 2**

**Anatomical Terms-Students will define anatomical terms.**

### **Standard 1**

Recognize and apply identified anatomical terms.

### **Standard 2**

Define terms associated with the planes of the body.

### **Standard 3**

Describe anatomical position as a reference point for describing areas of the body.

## **STRAND 3**

**Terms associated with Movement-Students will define terms associated with movement.**

### **Standard 1**

Describe and apply identified terms associated with movement.

### **Standard 2**

Define directional terms.

## STRAND 4

**Integumentary System-Students will define medical terms that are commonly used in relation to the Integumentary System.**

### Standard 1

Interpret and apply identified medical abbreviations related to the Integumentary System.

### Standard 2

Give the meanings of a set of prefixes.

### Standard 3

Give the meanings of a set of root words.

### Standard 4

Give the meanings of a set of suffixes.

### Standard 5

Define the meanings of diseases/disorders associated with the Integumentary System.

### Standard 6

Identify selected procedures, treatments, and diagnostic tests used to assess the Integumentary System.

## STRAND 5

**Skeletal System-Students will define medical terms that are commonly used in relation to the Skeletal System.**

### Standard 1

Interpret and apply identified medical abbreviations related to the Skeletal System.

### Standard 2

Give the meanings of a set of prefixes.

### Standard 3

Give the meanings of a set of word roots.

### Standard 4

Give the meanings of a set of suffixes.

### Standard 5

Define the meanings of diseases/disorders associated with the Skeletal System.

### Standard 6

Identify selected procedures, treatments, and diagnostic tests used to assess the Skeletal System.

## STRAND 6

**Muscular System-Students will define medical terms that are commonly used in relation to the Muscular System.**

### Standard 1

Interpret and apply identified medical abbreviations related to the Muscular System.

### Standard 2

Give the meanings of a set of prefixes.

### Standard 3

Give the meanings of a set of word roots.

### Standard 4

Give the meanings of a set of suffixes.

### Standard 5

Type Standard Here Define the meanings of diseases/disorders associated with the Muscular System.

### Standard 6

Identify selected procedures, treatments, and diagnostic tests used to assess the Muscular System.

## STRAND 7

**Nervous System-Students will define medical terms that are commonly used in relation to the Nervous System.**

### Standard 1

Interpret and apply identified medical abbreviations related to the Nervous System.

### Standard 2

Give the meanings of a set of prefixes.

### Standard 3

Give the meanings of a set of word roots.

### Standard 4

Give the meanings of a set of suffixes.

### Standard 5

Define the meanings of diseases/disorders associated with the Nervous System.

### Standard 6

Identify selected procedures, treatments, and diagnostic tests used to assess the Nervous System.

## STRAND 8

**Special Senses-Students will define medical terms that are commonly used in relation to the Special Senses.**

### Standard 1

Interpret and apply identified medical abbreviations related to the special Senses.

### Standard 2

Give the meanings of a set of prefixes.

### Standard 3

Give the meanings of a set of word roots.

### Standard 4

Give the meanings of a set of suffixes.

### Standard 5

Define the meanings of diseases/disorders associated with the Special Senses.

### Standard 6

Identify selected procedures, treatments, and diagnostic tests used to assess the Special Senses.

## STRAND 9

**Endocrine System-Students will define medical terms that are commonly used in relation to the Endocrine System.**

### Standard 1

Interpret and apply identified medical abbreviations related to the Endocrine System.

### Standard 2

Give the meanings of a set of prefixes.

### Standard 3

Give the meanings of a set of word roots.

### Standard 4

Give the meanings of a set of suffixes.

### Standard 5

Define the meanings of diseases/disorders associated with the Endocrine System.

### Standard 6

Identify selected procedures, treatments, and diagnostic tests used to assess the Endocrine System.

## STRAND 10

**Cardiovascular System-Students will define medical terms that are commonly used in relation to the Cardiovascular System.**

### Standard 1

Interpret and apply identified medical abbreviations related to the Cardiovascular System.

### Standard 2

Give the meanings of a set of prefixes.

### Standard 3

Give the meanings of a set of word roots.

### Standard 4

Give the meanings of a set of suffixes.

### Standard 5

Define the meanings of diseases/disorders associated with the Cardiovascular System.

### Standard 6

Identify selected procedures, treatments, and diagnostic tests used to assess the Cardiovascular System.

## STRAND 11

**Lymphatic System-Students will define medical terms that are commonly used in relation to the Lymphatic System.**

### Standard 1

Interpret and apply identified medical abbreviations related to the Lymphatic System.

### Standard 2

Give the meanings of a set of prefixes.

### Standard 3

Give the meanings of a set of word roots.

### Standard 4

Give the meanings of a set of suffixes.

### Standard 5

Define the meanings of diseases/disorders associated with the Lymphatic System.

### Standard 6

Identify selected procedures, treatments, and diagnostic tests used to assess the Lymphatic System.

## STRAND 12

**Respiratory System-Students will define medical terms that are commonly used in relation to the Respiratory System.**

### Standard 1

Interpret and apply identified medical abbreviations related to the Respiratory System.

### Standard 2

Give the meanings of a set of prefixes.

### Standard 3

Give the meanings of a set of word roots.

### Standard 4

Give the meanings of a set of suffixes.

### Standard 5

Define the meanings of diseases/disorders associated with the Respiratory System.

### Standard 6

Identify selected procedures, treatments, and diagnostic tests used to assess the Respiratory System.

## STRAND 13

**Digestive System-Students will define medical terms that are commonly used in relation to the Digestive System.**

### Standard 1

Interpret and apply identified medical abbreviations related to the Digestive System.

### Standard 2

Give the meanings of a set of prefixes.

### Standard 3

Give the meanings of a set of word roots.

### Standard 4

Give the meanings of a set of suffixes.

### Standard 5

Define the meanings of diseases/disorders associated with the Digestive System.

### Standard 6

Identify selected procedures, treatments, and diagnostic tests used to assess the Digestive System.

## STRAND 14

**Urinary System-Students will define medical terms that are commonly used in relation to the Urinary System.**

### Standard 1

Interpret and apply identified medical abbreviations related to the Urinary System.

### Standard 2

Give the meanings of a set of prefixes.

### Standard 3

Give the meanings of a set of word roots.

### Standard 4

Give the meanings of a set of suffixes.

### Standard 5

Define the meanings of diseases/disorders associated with the Urinary System.

### Standard 6

Identify selected procedures, treatments, and diagnostic tests used to assess the Urinary System.

## STRAND 15

**Reproductive System-Students will define medical terms that are commonly used in relation to the Reproductive System.**

### Standard 1

Interpret and apply identified medical abbreviations related to the Reproductive System.

### Standard 2

Give the meanings of a set of prefixes.

### Standard 3

Give the meanings of a set of word roots.

### Standard 4

Give the meanings of a set of suffixes.

### Standard 5

Define the meanings of diseases/disorders associated with the Reproductive System.

### Standard 6

Identify selected procedures, treatments, and diagnostic tests used to assess the Reproductive System.



## Performance Skills

- Interpret and extract information from realistic medical documents.
- Use reputed medical reference resources to find related information. (i.e. medical reference websites or hardbound medical reference books.)
- Apply medical terminology to a real-life setting. (i.e. define medical terms heard in a television show or read in an article.)

## Workplace Skills

Students will develop professional and interpersonal skills needed for success in industry.

Determine the difference between hard skills and soft skills.

- **Hard Skills:** Hard skills are specific, teachable abilities that can be defined and measured
- **Soft Skills:** Personal attributes that enable someone to interact effectively and harmoniously with other people.

Identify soft skills needed in the workplace

- Professionalism
- Respect Legal requirements/expectations
- Good communication skills
- Resourcefulness & creativity
- Work Ethic

## Skill Certification Test Points by Strand

Test Name	Test #	Number of Test Points by Strand															Total Points	Total Questions
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		