Arkansas CTE

Medical Terminology (2026)

Understanding Foundation Tools 1

1 **Students use medical terminology to communicate within the healthcare environment.** 1.1

1 Demonstrate an understanding of word elements by breaking the word down into appropriate elements. 1.1.1

2 Recognize prefixes and suffixes with word roots and combining forms to build medical terms. 1.1.2

3 Define and use medical abbreviations, signs, and symbols accurately. 1.1.3

4 Demonstrate the ability to pronounce medical terms correctly. 1.1.4

5 Demonstrate the ability to spell medical terms correctly. 1.1.5

6 Examine health data classes and elements used in health information exchange. 1.1.6

2 **Students apply the concepts of human body organization.** 1.2

1 Describe the relationship between cells, tissues, organs, and systems. 1.2.1

2 Describe the various anatomical planes of the human body. 1.2.2

3 List the terms related to direction, position, and anatomical planes of the human body. 1.2.3

4 Identify body cavities, quadrants, and regions of the human body. 1.2.4

5 Identify organs within the different anatomical planes and cavities of the human body. 1.2.5

Understanding Body Systems 2

1 **Students apply the use of medical terminology related to the respiratory system to communicate within the health care environment.** 2.1

1 Locate and identify the organs within the respiratory system and define their basic functions. 2.1.1

2 Define common diseases and conditions related to the respiratory system. 2.1.2

3 Identify selected procedures, treatments, and diagnostic tests used to assess the respiratory system. 2.1.3

4 Interpret verbal and written reports related to the respiratory system. 2.1.4

5 Identify strategies to prevent common diseases within this system. 2.1.5

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2 **tudents apply the use of medical terminology related to the cardiovascular ystem to communicate within the health care environment.** 2.2

1. Locate and identify the organs within the cardiovascular system and define their basic functions. 2.2.1
2. Define common diseases and conditions related to the cardiovascular system. 2.2.2
3. Identify selected procedures, treatments, and diagnostic tests used to assess the cardiovascular system. 2.2.3
4. Interpret verbal and written reports related to the cardiovascular system. 2.2.4
5. Identify strategies to prevent common diseases within this system. 2.2.5

3. **Students apply the use of medical terminology related to the nervous system to communicate within the health care environment.** 2.3
    1. Locate and identify the organs within the nervous system and define their basic functions. 2.3.1
    2. Define common diseases and conditions related to the nervous system. 2.3.2
    3. Identify selected procedures, treatments, and diagnostic tests used to assess the nervous system. 2.3.3
    4. Interpret verbal and written reports related to the nervous system. 2.3.4
    5. Identify strategies to prevent common diseases within this system. 2.3.5

4. **Students apply the use of medical terminology related to the integumentary system to communicate within the health care environment.** 2.4
    1. Locate and identify the organs within the integumentary system and define their basic functions. 2.4.1
    2. Define common diseases and conditions related to the integumentary system. 2.4.2
    3. Identify selected procedures, treatments, and diagnostic tests used to assess the integumentary system. 2.4.3
    4. Interpret verbal and written reports related to the integumentary system. 2.4.4
    5. Identify strategies to prevent common diseases within this system. 2.4.5

5. **Students apply the use of medical terminology related to the musculoskeletal system to communicate within the health care environment.** 2.5
    1. Locate and identify the organs within the musculoskeletal system and define their basic functions. 2.5.1
    2. Define common diseases and conditions related to the musculoskeletal system. 2.5.2
    3. Identify selected procedures, treatments, and diagnostic tests used to assess the musculoskeletal system. 2.5.3
    4. Interpret verbal and written reports related to the musculoskeletal system. 2.5.4
    5. Identify strategies to prevent common diseases within this system. 2.5.5

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6 **Students apply the use of medical terminology related to the urinary system to communicate within the health care environment.** 2.6

1 Locate and identify the organs within the urinary system and define their basic functions. 2.6.1

2 Define common diseases and conditions related to the urinary system. 2.6.2

3 Identify selected procedures, treatments, and diagnostic tests used to assess the urinary system. 2.6.3

4 Interpret verbal and written reports related to the urinary system. 2.6.4

5 Identify strategies to prevent common diseases within this system. 2.6.5

7 **Students apply the use of medical terminology related to the reproductive system to communicate within the health care environment.** 2.7

1 Locate and identify the organs within the reproductive system and define their basic functions. 2.7.1

2 Define common diseases and conditions related to the reproductive system. 2.7.2

3 Identify selected procedures, treatments, and diagnostic tests used to assess the reproductive system. 2.7.3

4 Interpret verbal and written reports related to the reproductive system. 2.7.4

5 Identify strategies to prevent common diseases within this system. 2.7.5

8 **Students apply the use of medical terminology related to the blood, lymph, and immune system to communicate within the health care environment.** 2.8

1 Locate and identify the organs within the blood, lymph, and immune system and define their basic functions. 2.8.1

2 Define common diseases and conditions related to the blood, lymph, and immune system. 2.8.2

3 Identify selected procedures, treatments, and diagnostic tests used to assess the blood, lymph, and immune system. 2.8.3

4 Interpret verbal and written reports related to the blood, lymph, and immune system. 2.8.4

5 Identify strategies to prevent common diseases within this system. 2.8.5

9 **Students apply the use of medical terminology related to the special senses system to communicate within the health care environment.** 2.9

1 Locate and identify the organs within the special senses system and define their basic functions. 2.9.1

2 Define common diseases and conditions related to the special senses system. 2.9.2

3 Identify selected procedures, treatments, and diagnostic tests used to assess the special senses system. 2.9.3

4 Interpret verbal and written reports related to the special senses system. 2.9.4

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5 Identify strategies to prevent common diseases within this system. 2.9.5

1 Students apply the use of medical terminology related to the digestive system to communicate within the health care environment. 2.1

1 Locate and identify the organs within the digestive system and define their basic functions. 2.10.1

2 Define common diseases and conditions related to the digestive system. 2.10.2

3 Identify selected procedures, treatments, and diagnostic tests used to assess the digestive system. 2.10.3

4 Interpret verbal and written reports related to the digestive system. 2.10.4

5 Identify strategies to prevent common diseases within this system. 2.10.5

11 Students apply the use of medical terminology related to the endocrine system to communicate within the health care environment. 2.11

1 Locate and identify the organs within the endocrine system and define their basic functions. 2.11.1

2 Define common diseases and conditions related to the endocrine system. 2.11.2

3 Identify selected procedures, treatments, and diagnostic tests used to assess the endocrine system. 2.11.3

4 Interpret verbal and written reports related to the endocrine system. 2.11.4

5 Identify strategies to prevent common diseases within this system. 2.11.5