

Medical Terminology

CTAN alignment with the Tech Prep Health Information Management Services Pathway in the Career Field Technical Content Standards of the Ohio Department of Education. This CTAN contains all the learning outcomes of the OAN entitled "Medical Terminology" (OHL020) which is part of the Health Information Management TAG. An * indicates an essential learning outcome that must be taught

Course Description: This course will provide exposure to medical language. Terms related to human body structure, procedures, abbreviations, the treatment of diseases, standard abbreviations etc., will be provided. This course offers information that applies to the fundamental understanding of terms from many areas of medicine.

Semester Credit Hours: 3

Alignment:

Learning Outcomes The student will be able to:	Competencies in ODE's Revised Career Field Technical Content Standards
1. Define medical prefixes, suffixes, combining forms, word roots, and compound words. *	2.3.1. Build and decipher medical term meanings by identifying and using word elements (e.g., word roots, prefixes, suffixes, combining forms). 2.3.2. Apply the rules used to build singular and plural forms of medical terminology derived from the Greek and Latin language. 2.3.3. Use diagnostic, symptomatic and procedural terms to read and interpret various medical reports. 2.3.4. Use abbreviations and symbols to identify anatomical, physiological and pathological classifications and the associated medical specialties and procedures. 2.3.5. Communicate medical instructions and prepare medical documents using medical terminology.

2. Describe how medical terms are constructed using word elements. *

2.3.1. Build and decipher medical term meanings by identifying and using word elements (e.g., word roots, prefixes, suffixes, combining forms).

2.3.2. Apply the rules used to build singular and plural forms of medical terminology derived from the Greek and Latin language.

2.3.3. Use diagnostic, symptomatic and procedural terms to read and interpret various medical reports.

2.3.4. Use abbreviations and symbols to identify anatomical, physiological and pathological classifications and the associated medical specialties and procedures.

2.3.5. Communicate medical instructions and prepare medical documents using medical terminology.

3. Construct medical words by combining forms, prefixes and suffixes. *

2.3.1. Build and decipher medical term meanings by identifying and using word elements (e.g., word roots, prefixes, suffixes, combining forms).

2.3.2. Apply the rules used to build singular and plural forms of medical terminology derived from the Greek and Latin language.

2.3.3. Use diagnostic, symptomatic and procedural terms to read and interpret various medical reports.

2.3.4. Use abbreviations and symbols to identify anatomical, physiological and pathological classifications and the associated medical specialties and procedures.

2.3.5. Communicate medical instructions and prepare medical documents using medical terminology.

<p>4. Apply the rules used to build singular/plural forms of medical terms derived from the Greek and Latin language. *</p>	<p>2.3.1. Build and decipher medical term meanings by identifying and using word elements (e.g., word roots, prefixes, suffixes, combining forms).</p> <p>2.3.2. Apply the rules used to build singular and plural forms of medical terminology derived from the Greek and Latin language.</p> <p>2.3.3. Use diagnostic, symptomatic and procedural terms to read and interpret various medical reports.</p> <p>2.3.4. Use abbreviations and symbols to identify anatomical, physiological and pathological classifications and the associated medical specialties and procedures.</p> <p>2.3.5. Communicate medical instructions and prepare medical documents using medical terminology.</p>
<p>5. Define a medical term by dividing it into its elements. *</p>	<p>2.3.1. Build and decipher medical term meanings by identifying and using word elements (e.g., word roots, prefixes, suffixes, combining forms).</p> <p>2.3.2. Apply the rules used to build singular and plural forms of medical terminology derived from the Greek and Latin language.</p> <p>2.3.3. Use diagnostic, symptomatic and procedural terms to read and interpret various medical reports.</p> <p>2.3.4. Use abbreviations and symbols to identify anatomical, physiological and pathological classifications and the associated medical specialties and procedures.</p> <p>2.3.5. Communicate medical instructions and prepare medical documents using medical terminology.</p>

<p>6. Spell terms related to the pathology, diagnostic and treatment procedures, and pharmacology of each body system. *</p>	<p>2.3.1. Build and decipher medical term meanings by identifying and using word elements (e.g., word roots, prefixes, suffixes, combining forms).</p> <p>2.3.2. Apply the rules used to build singular and plural forms of medical terminology derived from the Greek and Latin language.</p> <p>2.3.3. Use diagnostic, symptomatic and procedural terms to read and interpret various medical reports.</p> <p>2.3.4. Use abbreviations and symbols to identify anatomical, physiological and pathological classifications and the associated medical specialties and procedures.</p> <p>2.3.5. Communicate medical instructions and prepare medical documents using medical terminology.</p>
<p>7. Pronounce terms related to the pathology, diagnostic and treatment procedures, and pharmacology of each body system. *</p>	<p>2.3.1. Build and decipher medical term meanings by identifying and using word elements (e.g., word roots, prefixes, suffixes, combining forms).</p> <p>2.3.2. Apply the rules used to build singular and plural forms of medical terminology derived from the Greek and Latin language.</p> <p>2.3.3. Use diagnostic, symptomatic and procedural terms to read and interpret various medical reports.</p> <p>2.3.4. Use abbreviations and symbols to identify anatomical, physiological and pathological classifications and the associated medical specialties and procedures.</p> <p>2.3.5. Communicate medical instructions and prepare medical documents using medical terminology.</p>

<p>8. Identify common diagnostic procedures and conditions including laboratory and radiology tests and exams. *</p>	<p>2.3.1. Build and decipher medical term meanings by identifying and using word elements (e.g., word roots, prefixes, suffixes, combining forms).</p> <p>2.3.2. Apply the rules used to build singular and plural forms of medical terminology derived from the Greek and Latin language.</p> <p>2.3.3. Use diagnostic, symptomatic and procedural terms to read and interpret various medical reports.</p> <p>2.3.4. Use abbreviations and symbols to identify anatomical, physiological and pathological classifications and the associated medical specialties and procedures.</p> <p>2.3.5. Communicate medical instructions and prepare medical documents using medical terminology.</p>
<p>9. Identify the body systems in terms of their major structures, functions, and related work parts. *</p>	<p>2.1.2 Describe the physical characteristics, components and function of blood (e.g., ABO, Rh, blood cells, precursors and respiratory).</p> <p>2.1.3 Describe the structures and functions of the cardiovascular system and trace the path of blood and factors affecting blood flow.</p> <p>2.1.4 Describe how blood pressure is controlled and identify factors influencing changes in blood pressure.</p> <p>2.1.5 Describe the structures and functions of the respiratory system.</p> <p>2.1.6 Describe function of nerve tissue, nervous system, including regions of the brain.</p>

2.1.7 Describe the structures and functions of the musculoskeletal system.

2.1.8 Describe the structures and functions of the digestive/excretory system.

2.1.9 Describe the structures and function of the renal/urinary system

2.1.10 Describe the immune system, related structures and functions.

2.1.11 Describe the structures and functions of the endocrine system.

2.1.12 Differentiate between the structures and functions of the male and female reproductive system.

2.1.13 Describe the structures and functions of the integumentary system.

2.1.14 Describe the difference between pathology and physiology and the conditions typically observed during a disease state.

2.1.15 Explain the pathophysiology changes associated with or resulting from disease or injury for each body system.

10. Identify the medical specialists who treat disorders of each body system. *	4.1.5. Identify the medical specialists who treat disorders of each body system.
11. Identify body planes, directions, cavities, quadrants and regions. *	2.1.1. Identify body planes, directions, cavities, quadrants, and regions.

<p>12. Define common medical and healthcare abbreviations. *</p>	<p>1.2.1 Extract relevant, valid information from materials and cite sources of information (e.g., medical reports, fitness assessment, medical test results).</p> <p>2.3.1. Build and decipher medical term meanings by identifying and using word elements (e.g., word roots, prefixes, suffixes, combining forms).</p> <p>2.3.2. Apply the rules used to build singular and plural forms of medical terminology derived from the Greek and Latin language.</p> <p>2.3.3. Use diagnostic, symptomatic and procedural terms to read and interpret various medical reports.</p> <p>2.3.4. Use abbreviations and symbols to identify anatomical, physiological and pathological classifications and the associated medical specialties and procedures.</p> <p>2.3.5. Communicate medical instructions and prepare medical documents using medical terminology.</p>
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13. Describe the anatomical structures of the given body systems, common diseases, and medical and surgical procedures. *

2.1.2 Describe the physical characteristics, components and function of blood (e.g., ABO, Rh, blood cells, precursors and respiratory).

2.1.3 Describe the functions and structures of the cardiovascular system and trace the path of blood and factors affecting blood flow.

2.1.4 Describe how blood pressure is controlled and factors influencing changes in blood pressure.

2.1.5 Describe the structures and function of the respiratory system.

2.1.6 Describe function of nerve tissue, nervous system, including regions of the brain.

2.1.7 Describe the structures and functions of the musculoskeletal system.

2.1.7 Describe the structures and functions of the digestive/excretory system.

2.1.9 Describe the structures and functions of the renal/urinary system.

2.1.10 Describe the structures and functions of the immune system.

	<p>2.1.12 Describe the structures and functions of the endocrine system.</p> <p>2.1.13 Differentiate between the structures and functions of the male and female reproductive systems.</p> <p>2.1.14 Describe the integumentary system, related structures, and functions.</p> <p>2.1.15 Describe the difference between pathology and physiology and the conditions typically observed during a disease state.</p> <p>2.1.15 Explain the pathophysiology changes associated with or resulting from disease or injury for each body system.</p>
<p>14. Interpret various medical reports that use common diagnostic, symptomatic, and procedural terms and standard abbreviations. *</p>	<p>1.2.1 Extract relevant, valid information from materials and cite sources of information (e.g., medical reports, fitness assessment, medical test results).</p> <p>5.8.12 Prepare and present findings using scientific reports.</p>