Virginia CTE

Medical Terminology (8383)

Understanding Medical Terminology MT.1	1	**Explain how medical terms are developed.** MT.1.1
	2	**Define common medical word roots.** MT.1.2
	3	**Define common medical prefixes.** MT.1.3
	4	**Define common medical suffixes.** MT.1.4
	5	**Demonstrate pronunciation of medical terms.** MT.1.5
	6	**Apply the components of medical terminology (i.e., prefixes, word roots, suffixes).** MT.1.6
Understanding Medical Abbreviations MT.2	1	**Explain medical abbreviations related to body systems.** MT.2.1
	2	**Identify medical abbreviations related to pathological conditions.** MT.2.2
	3	**Identify medical abbreviations related to diagnostic procedures.** MT.2.3
	4	**Explain medical abbreviations related to documentation.** MT.2.4
	5	**Identify medical abbreviations related to pharmacology.** MT.2.5
	6	**Identify abbreviations related to healthcare regulations and regulatory systems.** MT.2.6
Understanding Body Structure and Organization MT.3	1	**Explain anatomical reference systems used to organize the body structure.** MT.3.1
	2	**Describe the organization of the human body.** MT.3.2
	3	**Identify body cavities and the organs located within these cavities.** MT.3.3
	4	**Identify body planes.** MT.3.4
	5	**Identify body directions.** MT.3.5
	6	**Identify body regions.** MT.3.6
	7	**Define anatomy and physiology.** MT.3.7

Understanding the Integumentary System MT.4	1 **Identify the major structures of the integumentary system.** MT.4.1
	2 **Describe the role of the integumentary system.** MT.4.2
	3 **Assemble word elements to form medical terms related to the integumentary system.** MT.4.3
	4 **Identify common pathological conditions of the integumentary system.** MT.4.4
	5 **Identify common laboratory tests and clinical procedures related to the integumentary system, including related abbreviations.** MT.4.5
	6 **Identify common therapeutic interventions related to the integumentary system.** MT.4.6
Understanding the Musculoskeletal System MT.5	1 **Identify the major structures of the musculoskeletal system.** MT.5.1
	2 **Describe the function of the musculoskeletal system.** MT.5.2
	3 **Assemble word elements to form medical terms related to the musculoskeletal system.** MT.5.3
	4 **Identify common pathological conditions of the musculoskeletal system.** MT.5.4
	5 **Identify common laboratory tests and clinical procedures related to the musculoskeletal system, including related abbreviations.** MT.5.5
	6 **Identify common therapeutic interventions related to the musculoskeletal system.** MT.5.6
Understanding the Cardiovascular System MT.6	1 **Identify the major structures of the cardiovascular system.** MT.6.1
	2 **Describe the functions of the cardiovascular system.** MT.6.2
	3 **Assemble word elements to form medical terms related to the cardiovascular system.** MT.6.3
	4 **Identify common pathological conditions of the cardiovascular system.** MT.6.4
	5 **Identify common laboratory tests and clinical procedures related to the cardiovascular system, including related abbreviations.** MT.6.5
	6 **Identify common therapeutic interventions related to the cardiovascular system.** MT.6.6
Understanding the Respiratory System MT.7	1 **Identify the major structures of the respiratory system.** MT.7.1
	2 **Describe the function of the respiratory system.** MT.7.2

	3 Assemble word elements to form medical terms related to the respiratory system. MT.7.3
	4 Identify common pathological conditions of the respiratory system. MT.7.4
	5 Identify common laboratory tests and clinical procedures related to the respiratory system, including related abbreviations. MT.7.5
	6 Identify common therapeutic interventions related to the respiratory system. MT.7.6
Understanding the Nervous System MT.8	1 Identify the major structures of the nervous system. MT.8.1
	2 Describe the function of the nervous system. MT.8.2
	3 Assemble word elements to form medical terms related to the nervous system. MT.8.3
	4 Identify common pathological conditions of the nervous system. MT.8.4
	5 Identify common laboratory tests and clinical procedures related to the nervous system, including related abbreviations. MT.8.5
	6 Identify common therapeutic interventions related to the nervous system. MT.8.6
Understanding the Urinary System MT.9	1 Identify the major structures of the urinary system. MT.9.1
	2 Describe the role of the urinary system. MT.9.2
	3 Assemble word elements to form medical terms related to the urinary system. MT.9.3
	4 Identify the common pathological conditions of the urinary system. MT.9.4
	5 Identify common laboratory tests and clinical procedures related to the urinary system, including related abbreviations. MT.9.5
	6 Identify common therapeutic interventions related to the urinary system. MT.9.6
Understanding the Female Reproductive System MT.10	1 Identify the major structures of the female reproductive system. MT.10.1
	2 Describe the role of the female reproductive system. MT.10.2
	3 Assemble word elements to form medical terms related to the female reproductive system. MT.10.3
	4 Identify common pathological conditions of the female reproductive system and of the newborn. MT.10.4

	5 Identify common laboratory tests and clinical procedures related to the female reproductive system, including related abbreviations. MT.10.5
	6 Identify common therapeutic interventions related to the female reproductive system. MT.10.6
Understanding the Male Reproductive System MT.11	1 Identify the major structures of the male reproductive system. MT.11.1
	2 Describe the role of the male reproductive system. MT.11.2
	3 Assemble word elements to create medical terms related to the male reproductive system. MT.11.3
	4 Identify common pathological conditions of the male reproductive system. MT.11.4
	5 Identify common laboratory tests and clinical procedures related to the male reproductive system, including related abbreviations. MT.11.5
	6 Identify common therapeutic interventions related to the male reproductive system. MT.11.6
Understanding the Lymphatic and Immune Systems MT.12	1 Identify the major structures of the lymphatic and immune systems. MT.12.1
	2 Describe the role of the lymphatic and immune systems. MT.12.2
	3 Assemble word elements to form medical terms related to the lymphatic and immune systems. MT.12.3
	4 Identify major pathological conditions of the lymphatic and immune systems. MT.12.4
	5 Identify common laboratory tests and clinical procedures related to the lymphatic and immune systems, including related abbreviations. MT.12.5
	6 Identify common therapeutic interventions related to the lymphatic and immune systems. MT.12.6
Understanding the Gastrointestinal System MT.13	1 Identify the major structures of the gastrointestinal system. MT.13.1
	2 Describe the role of the gastrointestinal system. MT.13.2
	3 Assemble word elements to form medical terms related to the gastrointestinal system. MT.13.3
	4 Identify common pathological conditions of the gastrointestinal system. MT.13.4
	5 Identify common laboratory tests and clinical procedures related to the gastrointestinal system, including related abbreviations. MT.13.5

	6 Identify common therapeutic interventions related to the gastrointestinal system. MT.13.6
Understanding the Endocrine System MT.14	1 Identify the major structures of the endocrine system. MT.14.1
	2 Describe the role of the endocrine system. MT.14.2
	3 Assemble word elements to form medical terms related to the endocrine system. MT.14.3
	4 Identify common pathological conditions of the endocrine system. MT.14.4
	5 Identify common laboratory tests and clinical procedures related to the endocrine system, including related abbreviations. MT.14.5
	6 Identify common therapeutic interventions related to the endocrine system. MT.14.6
Understanding the Sensory System MT.15	1 Identify the major structures of the sensory system. MT.15.1
	2 Describe the role of the sensory system. MT.15.2
	3 Assemble word elements to form medical terms related to the sensory system. MT.15.3
	4 Identify common pathological conditions of the sensory system. MT.15.4
	5 Identify common laboratory tests and clinical procedures related to the sensory system, including related abbreviations. MT.15.5
	6 Identify common therapeutic interventions related to the sensory system. MT.15.6
Understanding Mental Health MT.16	1 Explain how mental health disorders differ from disorders related to other body systems. MT.16.1
	2 Assemble word elements to form medical terms related to mental health. MT.16.2
	3 Identify common mental health disorders. MT.16.3
	4 Identify common diagnostic procedures related to mental health. MT.16.4
	5 Identify common therapeutic interventions related to mental health. MT.16.5
	6 Identify signs of elder, domestic, and child abuse. MT.16.6
Understanding Terms Used in Healthcare Provision MT.17	1 Identify common medical terms used to communicate with other health professionals. MT.17.1

	2	**Describe terms related to healthcare delivery.** MT.17.2
	3	**Assemble word elements to form terms related to selected health careers and healthcare providers.** MT.17.3
Understanding Health Informatics MT.18	1	**Examine the role of technology in the healthcare field.** MT.18.1
	2	**Describe techniques for confidential communication of health/medical information within legal/regulatory guidelines.** MT.18.2
	3	**Demonstrate the assessment of abstracted information from medical records and other documents, applying knowledge of medical terminology.** MT.18.3
Understanding Disciplines/Departments Involved in Healthcare Delivery MT.19	1	**Identify the disciplines of the laboratory.** MT.19.1
	2	**Identify imaging techniques and nuclear-medicine tests.** MT.19.2
Understanding the Healthcare Delivery System MT.20	1	**Describe the interdisciplinary services offered in health care.** MT.20.1
	2	**Identify health careers.** MT.20.2
	3	**Identify common medical specialties.** MT.20.3
	4	**Describe types of healthcare settings.** MT.20.4
	5	**Describe patient care services.** MT.20.5