

Allied Health
MEDICAL TERMINOLOGY
Level III Unit Outline

Unit 1: Safety and School Rules

- Safety drills, first aid, classroom and shop rules.
- The importance of safety in the CTE environment.
- What to do in the case of an emergency.

Unit 2: Introduction to Medical Terminology

- Students will describe the steps in locating a term in a medical dictionary.
- Identify the roles of the four types of word parts in forming medical terms.
- Recognize, define, spell, and pronounce the medical terms in this chapter.
- Pronounce medical terms correctly using the “sounds-like” system.

Unit 3: Human Body in Health and Disease

- Define anatomy and physiology and use anatomic reference systems to identify the anatomic position, body planes, directions, and cavities.
- Define the terms associated with cytology and genetics including chromosomes, genes, DNA, and mutation.
- Recognize, define, spell, and pronounce the terms related to the abdominal cavity and peritoneum.
- Recognize, define, spell, and pronounce the terms related to the structure, function, pathology, and procedures of cells, tissues, and glands.

Unit 4: Skeletal System

- Identify the medical specialists who treat disorders of the skeletal system.
- Recognize, define, spell, and pronounce terms related to the pathology and the diagnostic and treatment procedures of the skeletal system.
- Describe three types of joints.
- Differentiate between the axial and appendicular skeletons.

Unit 5: Muscular System

- Describe the functions and structures of the muscular system including muscle fibers, fascia, tendons, and the three types of muscle.
- Recognize, define, spell, and pronounce the terms related to muscle movements and explain how the muscles are named.
- Recognize, define, pronounce, and spell the terms related to the pathology and the diagnostic and treatment procedures of the muscular system.

Unit 6: Cardiovascular System

- Describe the heart in terms of chambers, valves, blood flow, heartbeat, and blood supply.
- Identify the major components of blood and the major functions of each component.
- Recognize, define, spell, and pronounce the terms related to the pathology and the diagnostic and treatment procedures of the cardiovascular system.
- Differentiate among the three different types of blood vessels and describe the major function of each.
- State the difference between pulmonary and systemic circulation.

Unit 7: Lymphatic and Immune System

- Describe the major functions and structures of the lymphatic and immune systems.
- Recognize, define, spell, and pronounce the major terms related to the pathology and the diagnostic and treatment procedures of the lymphatic and immune systems.
- Recognize, define, spell, and pronounce terms related to oncology.
- Pronounce medical terms correctly using the “sounds-like” system.
- State why caution is important when using abbreviations.

Unit 8: Respiratory System

- Identify and describe the major structures and functions of the respiratory system.
- Interpret abbreviations commonly used with reference to the respiratory system

Unit 9: Digestive System

- Describe the processes of digestion, absorption, and metabolism.
- Identify and describe the major structures and functions of the digestive system.
- Recognize, define, spell, and pronounce terms related to the pathology, diagnostic, and treatment procedures of the digestive system.

Unit 10: Urinary System

- Describe the major functions of the urinary system.
- Recognize, define, spell, and pronounce terms related to the pathology and the diagnostic and treatment procedures of the urinary system.
- Name and describe the structures of the urinary system.

Unit 11: Nervous System and Mental Health

- Describe the functions and structures of the nervous system.
- Identify the major divisions of the nervous system and describe the structures of each by location and function.
- Identify the medical specialists who treat disorders of the nervous system.
- Recognize, define, spell, and pronounce terms related to the pathology and the diagnostic and treatment procedures of the nervous system.
- Recognize, define, spell, and pronounce terms related to the pathology and the diagnostic and treatment procedures of mental health disorders.

Unit 12: The Senses

- Describe the functions and structures of the eyes and their accessory structures.
- Describe the functions and structures of the ears.

Unit 13: Integumentary System

- Identify and describe the functions and structures of the integumentary system.
- Identify the medical specialists associated with the integumentary system.
- Recognize, define, spell, and pronounce the terms used to describe the pathology and the diagnostic and treatment procedures related to the skin.
- Recognize, define, spell, and pronounce terms used to describe the pathology and the diagnostic and treatment procedures related to hair, nails, and sebaceous glands.

Unit 14: Endocrine System

- Describe the role of the endocrine glands in maintaining homeostasis.
- Comprehension
- Recognize, define, spell, and pronounce terms relating to the pathology and the diagnostic and treatment procedures of the endocrine glands.
- Name and describe the functions of the primary hormones secreted by each of the endocrine glands.

Unit 15: Reproductive System

- Identify and describe the major functions and structures of the male reproductive system.
- Recognize, define, spell, and pronounce the terms related to the pathology and the diagnostic and treatment procedures of the male reproductive system., including sexually transmitted diseases
- Identify and describe the major functions and structures of the female reproductive system.
- Recognize, define, spell, and pronounce the terms related to the pathology and the diagnostic and treatment procedures of the female reproductive system. including:
 - Pregnancy and Childbirth
 - Assisted Reproduction
 - Medical Specialties Related to Childbearing and Children
 - Pathology of Pregnancy and Childbirth
 - Treatment Procedures Related to Pregnancy and Childbirth
 - Sexually Transmitted Diseases

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MEDICAL TERMINOLOGY
New Jersey Student Learning Standards (NJSLS)

NJSLS: CTE.9.3

CONTENT AREA:	9.3 CAREER AND TECHNICAL EDUCATION
HEALTH SCIENCE CAREER CLUSTER	
Number	Standard Statement
<i>By the end of Grade 12, Career and Technical Education Program completers will be able to:</i>	
CAREER CLUSTER®:	HEALTH SCIENCE (HL)
9.3.HL.1	Determine academic subject matter, in addition to high school graduation requirements, necessary for pursuing a health science career.
9.3.HL.2	Explain the healthcare workers' role within their department, their organization and the overall healthcare system
9.3.HL.3	Identify existing and potential hazards to clients, coworkers, visitors and self in the healthcare workplace
9.3.HL.4	Evaluate the roles and responsibilities of individual members as part of the healthcare team and explain their role in promoting the delivery of quality health care.
9.3.HL.5	Analyze the legal and ethical responsibilities, limitations and implications of actions within the healthcare workplace.
9.3.HL.6	Evaluate accepted ethical practices with respect to cultural, social and ethnic differences within the healthcare workplace.
CAREER CLUSTER®:	HEALTH SCIENCE (HL)
PATHWAY	HEALTH INFORMATICS (HL-HI)
9.3.HL-HI.1	Communicate health information accurately and within legal and regulatory guidelines, upholding the strictest standards of confidentiality.
9.3.HL-HI.2	Describe the content and diverse uses of health information.
9.3.HL-HI.3	Demonstrate the use of systems used to capture, retrieve and maintain confidential health information from internal and external sources.
CAREER CLUSTER®:	HEALTH SCIENCE (HL)
PATHWAY	THERAPEUTIC SERVICES HL-THR
9.3.HL-THR.1	Utilize communication strategies to answer patient/client questions and concerns on planned procedures and goals.

9.3.HL-THR.2	Communicate patient/client information among healthcare team members to facilitate a team approach to patient care.
9.3.HL-THR.3	Utilize processes for assessing, monitoring and reporting patient's/clients' health status to the treatment team within protocol and scope of practice.
9.3.HL-THR.4	Evaluate patient/client needs, strengths and problems in order to determine if treatment goals are being met.