



FREEHOLD REGIONAL HIGH SCHOOL DISTRICT
OFFICE OF CURRICULUM AND INSTRUCTION
CAREER AND TECHNICAL EDUCATION

HONORS MEDICAL TERMINOLOGY

Health Professions Pathway Program

Grade Level: 11

Credits: 2.5

BOARD OF EDUCATION ADOPTION DATE: August 24, 2020

FREEHOLD REGIONAL HIGH SCHOOL DISTRICT

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Rutgers Medical Terminology		
Course Description		
<p>Rutgers Medical Terminology is the study of words that pertain to body systems, anatomy, physiology, medical processes and procedures and a variety of diseases. It provides specialized language for the health care team, enabling health care workers to communicate in an accurate, articulate and concise manner. This course is designed to give the students a comprehensive knowledge of word construction, definition and use of terms related to all areas of medical science. The course includes but is not limited to terms related to anatomy of the human body, functions of health and disease, and the use of language in diagnosing and treating conditions related to all of the human body systems. This course replaces the earlier study of Latin and Greek for future healthcare professionals, as it focuses on words used in the medical fields. This course serves as an important prerequisite to Anatomy and Physiology. It is useful in preparing students for every career in allied health.</p> <p>Objectives:</p> <ol style="list-style-type: none"> 1. Understand the necessity of a medical vocabulary. 2. Recognize that medical terms are derived from simpler components. 3. Build medical words from component parts. 4. Categorize terms as anatomical, diagnostic, surgical, radiological, pharmacological, or therapeutic. 5. Understand basic anatomy and physiology. 6. Explain the meaning of word parts associated with each unit. 7. Define all important terms. 8. Accurately spell all medical terms. 9. Correctly pronounce all medical terms. 10. Write meaning of generally accepted abbreviations. 11. Explain basic pharmacology associated with all body systems. 12. Identify and discuss basic pathology associated with all body systems. 		
Course Sequence and Pacing		
Unit Title	Unit Essential Question	Suggested Pacing
Unit 1: Introduction to Medical Terminology	What is the importance and necessity of effective and accurate communication in healthcare?	3.5 sessions
Unit 2: The Human Body in Health and Disease	How is the human body interconnected and organized into body systems?	3.5 sessions
Unit 3: The Skeletal System	What are the structures of the skeletal system and how does it support human life?	3.5 sessions
Unit 4: The Muscular System	What are the structures, combining forms and functions of the muscular system and how does it support human life?	3.5 sessions
Unit 5: The Cardiovascular System	What are the structures, combining forms and functions of the cardiovascular system and how does it support human life?	3.5 sessions
Unit 6: The Lymphatic and Immune System	What are the structures, combining forms and functions of the lymphatic and immune systems and how do they support human life?	3.5 sessions
Unit 7: The Respiratory System	What are the structures, combining forms and functions of the respiratory system and how does it support human life?	3.5 sessions
Unit 8: The Digestive System	What are the structures, combining forms and functions of the digestive system and how does it support human life?	3.5 sessions

Unit 9: The Urinary System	What are the structures, combining forms and functions of the urinary system and how does it support human life?	3.5 sessions
Unit 10: The Nervous System and Mental Health	What are the structures, combining forms and functions of the nervous system and how does it influence mental health and support human life?	3.5 sessions
Unit 11: Special Senses: The Eyes and Ears	What are the structures, combining forms and functions of the eyes and ears system and how does it support human life?	3.5 sessions
Unit 12: Skin: The Integumentary System	What are the structures, combining forms and functions of the integumentary system and how does it support human life?	3.5 sessions
Unit 13: The Endocrine System	What are the structures, combining forms and functions of the endocrine system and how does it support human life?	3.5 sessions
Unit 14: The Reproductive System	What are the structures, combining forms and functions of the reproductive system and how does it support human life?	3.5 sessions
Unit 15: Diagnostic Procedures and Pharmacology	Why is the use of accurate medical terminology necessary in healthcare?	3.5 sessions

Support Resources
<p>Supporting resources and appendices for this curriculum are available. These include a Resource Catalog of standards-aligned activities, common formative assessment and interdisciplinary items for performance expectations and objectives in this course.</p> <ul style="list-style-type: none"> • Rutgers Medical Terminology Resource Catalog • <u>Appendix A: Accommodations and Modifications for Various Student Populations</u> • <u>Appendix B: Assessment Evidence</u> • <u>Appendix C: Interdisciplinary Connections</u>

Rutgers Medical Terminology Unit 1: Introduction to Medical Terminology Section 1.1		Suggested Unit Section Pacing 3.5 Sessions
Essential Question: What is the importance and necessity of effective and accurate communication in healthcare?		
Performance Expectations		Enduring Understandings
9.3.HL-HI.1 Communicate health information accurately. 9.3.HL-HI.2 Describe the content and diverse uses of health information.		Medical terminology and vocabulary are essential for effective and accurate communication in healthcare.
Standards-Aligned Objectives. Instruction and assessment will align to the following objectives:		
Content Vocabulary:		
9.3.HL-HI.1[1]	Describe the steps in locating a term in a medical dictionary.	
9.3.HL-HI.1[2]	Define the commonly used prefixes, word roots, combining forms, and suffixes.	
9.3.HL-HI.1[3]	Identify the roles of the four types of word parts in forming medical terms.	
9.3.HL-HI.1[4]	Recognize the importance of always spelling medical terms correctly.	
9.3.HL-HI.1[5]	Recognize, define, spell, and pronounce the medical terms in this chapter.	
9.3.HL-HI.1[6]	Pronounce medical terms correctly using the “sounds-like” system.	
9.3.HL-HI.1[7]	State why caution is important when using abbreviations.	
9.3.HL-HI.1[8]	Identify the roles of the four types of word parts used in forming medical terms.	
9.3.HL-HI.2[1]	Analyze unfamiliar medical terms using your knowledge of word parts.	
9.3.HL-HI.2[2]	Describe the content and diverse uses of health information.	

Rutgers Medical Terminology Unit 2: The Human Body in Health and Disease Section 2.1		Suggested Unit Section Pacing 2 Sessions
Essential Question: How is the human body interconnected and organized into body systems?		
Performance Expectations		Enduring Understandings
9.3.HL.1 Determine academic subject matter, in addition to high school graduation requirements, necessary for pursuing a health science career.		Interconnected body systems compose the human body.
Standards-Aligned Objectives. Instruction and assessment will align to the following objectives:		
9.3.HL.1 [1.2]	Define anatomy and physiology and use anatomic reference systems to identify the anatomic position, body planes, directions, and cavities.	
9.3.HL.1 [2.2]	Define the terms associated with cytology and genetics including chromosomes, genes, DNA, and mutation.	
9.3.HL.1 [3.2]	Recognize, define, spell, and pronounce the terms related to the abdominal cavity and peritoneum.	

9.3.HL.1 [4.2]	Recognize, define, spell, and pronounce the terms related to the structure, function, pathology, and procedures of cells, tissues, and glands.
9.3.HL.1 [5.2]	Identify the body systems in terms of their major structures and functions.

Rutgers Medical Terminology Unit 2: The Human Body in Health and Disease Section 2.2		Suggested Unit Section Pacing 1 Sessions
Essential Question: How is the human body interconnected and organized into body systems?		
Performance Expectations		Enduring Understandings
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. 9.3.HL-BRD.3 Demonstrate basic knowledge of recombinant DNA, genetic engineering		Medical terminology affects communication in the healthcare workplace.
Standards-Aligned Objectives. Instruction and assessment will align to the following objectives:		
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.	
9.3.HL-BRD.3	Demonstrate basic knowledge of recombinant DNA, genetic engineering	

Rutgers Medical Terminology Unit 3: The Skeletal System Section 3.1: Section Name		Suggested Unit Section Pacing 3.5 Sessions
Essential Question: What are the structures of the skeletal system and how do they support human life?		
NJSLS Performance Expectations		Enduring Understandings
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-HI.1 Communicate health information accurately. 9.3.HL-HI.2 Describe the content and diverse uses of health information.		The skeleton is divided into the axial and appendicular skeletal systems, and the function and components of these systems have specific associated functions.
Standards-Aligned Objectives. Instruction and assessment will align to the following objectives:		
9.3.HL.1 [1.3]	Identify and describe the major functions and structures of the skeletal system.	
9.3.HL.1 [2.3]	Identify the medical specialists who treat disorders of the skeletal system.	

9.3.HL.1 [3.3]	Recognize, define, spell, and pronounce terms related to the pathology and the diagnostic and treatment procedures of the skeletal system.
9.3.HL.1 [4.3]	Describe three types of joints.
9.3.HL.1 [5.3]	Differentiate between the axial and appendicular skeletons.
9.3.HL-HI.1	Communicate health information accurately.
9.3.HL-HI.2	Describe the content and diverse uses of health information.

Rutgers Medical Terminology Unit 4: The Muscular System Section 4.1:		Suggested Unit Section Pacing 3.5 Sessions
Essential Question: What are the structures, combining forms and functions of the muscular system and how do they support human life?		
NJSLS Performance Expectations		Enduring Understandings
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-HI.1 Communicate health information accurately. 9.3.HL-HI.2 Describe the content and diverse uses of health information.		The body has more than 600 muscles, and the function and components of these muscles have specific functions.
Standards-Aligned Objectives. Instruction and assessment will align to the following objectives:		
9.3.HL-HI.1 [1.4]	Describe the functions and structures of the muscular system including muscle fibers, fascia, tendons, and the three types of muscle.	
9.3.HL-HI.1 [2.4]	Recognize, define, spell, and pronounce the terms related to muscle movements and explain how the muscles are named.	
9.3.HL-HI.1 [3.4]	Recognize, define, pronounce, and spell the terms related to the pathology and the diagnostic and treatment procedures of the muscular system.	
9.3.HL-HI.1	Communicate health information accurately.	
9.3.HL-HI.2	Describe the content and diverse uses of health information.	

Rutgers Medical Terminology Unit 5: The Cardiovascular System Section 5.1		Suggested Unit Section Pacing 3.5 Sessions
Essential Question: What are the structures, combining forms and functions of the cardiovascular system and how do they support human life?		
NJSLS Performance Expectations		Enduring Understandings
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-HI.1 Communicate health information accurately. 9.3.HL-HI.2 Describe the content and diverse uses of health information.		The cardiovascular system consists of the heart, blood vessels, and blood; the function and components of these muscles have specific functions to support human life..

Standards-Aligned Objectives. Instruction and assessment will align to the following objectives:	
9.3.HL.1 [1.5]	Describe the heart in terms of chambers, valves, blood flow, heartbeat, and blood supply.
9.3.HL.1 [2.5]	Identify the major components of blood and the major functions of each component.
9.3.HL.1 [3.5]	Recognize, define, spell, and pronounce the terms related to the pathology and the diagnostic and treatment procedures of the cardiovascular system.
9.3.HL.1 [3.5]	Differentiate among the three different types of blood vessels and describe the major function of each.
9.3.HL.1 [4.5]	State the difference between pulmonary and systemic circulation.
9.3.HL.1 [5.5]	Compare and contrast healthy and selected diseases /disorders that affect the cardiovascular system.
9.3.HL-HI.1	Communicate health information accurately.
9.3.HL-HI.2	Describe the content and diverse uses of health information.

Rutgers Medical Terminology Unit 6: The Lymphatic and Immune Systems Section 6.1		Suggested Unit Section Pacing 3.5 Sessions
Essential Question: What are the structures, combining forms and functions of the lymphatic and immune systems and how do they support human life?		
NJSLS Performance Expectations		Enduring Understandings
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-HI.1 Communicate health information accurately. 9.3.HL-HI.2 Describe the content and diverse uses of health information.		Many of the structures of the lymphatic system cooperate and also perform roles in other body systems and have specific functions to support human life.
Standards-Aligned Objectives. Instruction and assessment will align to the following objectives:		
9.3.HL.1 [1.6]	Describe the major functions and structures of the lymphatic and immune systems.	
9.3.HL.1 [2.6]	Recognize, define, spell, and pronounce the major terms related to the pathology and the diagnostic and treatment procedures of the lymphatic and immune systems.	
9.3.HL.1 [3.6]	Recognize, define, spell, and pronounce terms related to oncology.	
9.3.HL.1 [4.6]	Pronounce medical terms correctly using the “sounds-like” system.	
9.3.HL.1 [5.6]	State why caution is important when using abbreviations.	
9.3.HL-HI.1	Communicate health information accurately.	
9.3.HL-HI.2	Describe the content and diverse uses of health information.	

Rutgers Medical Terminology Unit 7: The Respiratory Systems Section 7.1		Suggested Unit Section Pacing 3.5 Sessions
Essential Question: What are the structures, combining forms and functions of the respiratory system and how does it support human life?		
NJSLs Performance Expectations		Enduring Understandings
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-HI.1 Communicate health information accurately. 9.3.HL-HI.2 Describe the content and diverse uses of health information.		The respiratory system supplies blood with oxygen for transportation to the cells in all parts of the body to support life.
Standards-Aligned Objectives. Instruction and assessment will align to the following objectives:		
9.3.HL.1 [1.7]	Identify and describe the major structures and functions of the respiratory system	
9.3.HL.1 [2.7]	Recognize, define, spell, and pronounce terms related to the pathology and the diagnostic and treatment procedures of the respiratory system.	
9.3.HL-HI.1	Communicate health information accurately.	
9.3.HL-HI.2	Describe the content and diverse uses of health information.	

Rutgers Medical Terminology Unit 8: The Digestive Systems Section 8.1		Suggested Unit Section Pacing 3.5 Sessions
Essential Question: What are the structures, combining forms and functions of the digestive system and how does it support human life?		
NJSLs Performance Expectations		Enduring Understandings
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-HI.1 Communicate health information accurately. 9.3.HL-HI.2 Describe the content and diverse uses of health information.		The digestive system consists primarily of the gastrointestinal tract in cooperation with accessory organs and has specific associated terminology.
Standards-Aligned Objectives. Instruction and assessment will align to the following objectives:		
9.3.HL.1 [1.8]	Describe the processes of digestion, absorption, and metabolism.	
9.3.HL.1 [2.8]	Identify and describe the major structures and functions of the digestive system.	
9.3.HL.1 [3.8]	Recognize, define, spell, and pronounce terms related to the pathology, diagnostic, and treatment procedures of the digestive system.	
9.3.HL.1 [4.8]	Describe the structures and parts of the digestive system	

9.3.HL.1 [4.8]	Explain the roles of different parts of the digestive system (i.e.: mouth, saliva, etc.)
9.3.HL-HI.1	Communicate health information accurately.
9.3.HL-HI.2	Describe the content and diverse uses of health information.

Rutgers Medical Terminology Unit 9: The Urinary System Section 9.1		Suggested Unit Section Pacing 3.5 Sessions
Essential Question: What are the structures, combining forms and functions of the urinary system and how does it support human life?		
NJSLs Performance Expectations		Enduring Understandings
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-HI.1 Communicate health information accurately. 9.3.HL-HI.2 Describe the content and diverse uses of health information.		The urinary tract performs many functions that are important in maintaining homeostasis.
Standards-Aligned Objectives. Instruction and assessment will align to the following objectives:		
9.3.HL.1 [1.9]	Describe the major functions of the urinary system.	
9.3.HL.1 [2.9]	Recognize, define, spell, and pronounce terms related to the pathology and the diagnostic and treatment procedures of the urinary system.	
9.3.HL.1 [3.9]	Name and describe the structures of the urinary system.	
9.3.HL-HI.1	Communicate health information accurately.	
9.3.HL-HI.2	Describe the content and diverse uses of health information.	

Rutgers Medical Terminology Unit 10: The Nervous System and Mental Health Section 10.1		Suggested Unit Section Pacing 3.5: Sessions
Essential Question: What are the structures, combining forms and functions of the nervous system and how does it influence mental health and support human life?		
NJSLs Performance Expectations		Enduring Understandings
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-HI.1 Communicate health information accurately. 9.3.HL-HI.2 Describe the content and diverse uses of health information.		There is specific associated terminology related to the pathology and the diagnostic and treatment procedures of the nervous system.
		There is specific associated terminology related to the pathology and the diagnostic and treatment procedures of mental health disorders.

Standards-Aligned Objectives. Instruction and assessment will align to the following objectives:	
9.3.HL.1 [1.10]	Describe the functions and structures of the nervous system.
9.3.HL.1 [2.10]	Identify the major divisions of the nervous system and describe the structures of each by location and function.
9.3.HL.1 [3.10]	Identify the medical specialists who treat disorders of the nervous system.
9.3.HL.1 [4.10]	Recognize, define, spell, and pronounce terms related to the pathology and the diagnostic and treatment procedures of the nervous system.
9.3.HL.1 [5.10]	Recognize, define, spell, and pronounce terms related to the pathology and the diagnostic and treatment procedures of mental health disorders.
9.3.HL-HI.1	Communicate health information accurately.
9.3.HL-HI.2	Describe the content and diverse uses of health information.

Rutgers Medical Terminology Unit 11: Special Senses: The Eyes and Ears Section 11.1		Suggested Unit Section Pacing 3.5 Sessions
Essential Question: What are the structures, combining forms and functions of the eyes and ears system and how do they support human life?		
NJSLS Performance Expectations	Enduring Understandings	
9.3.HL.1 Determine academic subject matter, in addition to high school graduation requirements, necessary for pursuing a health science career.	There is specific associated terminology related to the structure and function, pathology, and diagnostic and treatment procedures of the eyes and vision.	
9.3.HL-HI.1 Communicate health information accurately.	There is specific associated terminology related to the structure and function, pathology, and diagnostic and treatment procedures of the ears and hearing.	
9.3.HL-HI.2 Describe the content and diverse uses of health information.		
Standards-Aligned Objectives. Instruction and assessment will align to the following objectives:		
9.3.HL.1 [1.11]	Describe the functions and structures of the eyes and their accessory structures.	
9.3.HL.1 [2.11]	Describe the functions and structures of the ears.	
9.3.HL.1 [3.11]	Recognize, define, spell, and pronounce terms related to the pathology and the diagnostic and treatment procedures of the eyes and vision.	
9.3.HL.1 [4.11]	Recognized, define, spell, and pronounce terms related to the pathology and the diagnostic and treatment procedures of the ears and hearing.	
9.3.HL-HI.1	Communicate health information accurately.	
9.3.HL-HI.2	Describe the content and diverse uses of health information.	

Rutgers Medical Terminology Unit 12: Skin: The Integumentary System Section 12.1		Suggested Unit Section Pacing 3.5 Sessions
Essential Question: What are the structures, combining forms and functions of the integumentary system and how does it support human life?		
NJSLS Performance Expectations		Enduring Understandings
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-HI.1 Communicate health information accurately.		The skin, sebaceous glands, hair and nails work together as the integumentary system and have specific associated terminology.
Standards-Aligned Objectives. Instruction and assessment will align to the following objectives:		
Content Vocabulary:		
9.3.HL.1 [1.12]	Identify and describe the functions and structures of the integumentary system.	
9.3.HL.1 [2.12]	Identify the medical specialists associated with the integumentary system.	
9.3.HL.1 [3.12]	Recognize, define, spell, and pronounce the terms used to describe the pathology and the diagnostic and treatment procedures related to the skin.	
9.3.HL.1 [4.12]	Recognize, define, spell, and pronounce terms used to describe the pathology and the diagnostic and treatment procedures related to hair, nails, and sebaceous glands	
9.3.HL-HI.1	Communicate health information accurately.	
9.3.HL-HI.2	Describe the content and diverse uses of health information.	

Rutgers Medical Terminology Unit 13: The Endocrine System Section 13.1		Suggested Unit Section Pacing 3.5 Sessions
Essential Question: What are the structures, combining forms and functions of the endocrine system and how does it influence mental health and support human life?		
NJSLS Performance Expectations		Enduring Understandings
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-HI.1 Communicate health information accurately. 9.3.HL-HI.2 Describe the content and diverse uses of health information.		The primary function of the 13 major glands that make up the endocrine system is to produce hormones that work together to maintain homeostasis and there is specific associated terminology.
Standards-Aligned Objectives. Instruction and assessment will align to the following objectives:		
Content Vocabulary:		

9.3.HL.1 [1.13]	Describe the role of the endocrine glands in maintaining homeostasis.
9.3.HL.1 [2.13]	Recognize, define, spell, and pronounce terms relating to the pathology and the diagnostic and treatment procedures of the endocrine glands.
9.3.HL.1 [3.13]	Name and describe the functions of the primary hormones secreted by each of the endocrine glands.
9.3.HL-HI.1	Communicate health information accurately.
9.3.HL-HI.2	Describe the content and diverse uses of health information.

Rutgers Medical Terminology Unit 14: The Reproductive System Section 14.1		Suggested Unit Section Pacing 3.5 Sessions
Essential Question: What are the structures, combining forms and functions of the reproductive and how does it influence mental health and support human life?		
NJSLs Performance Expectations		Enduring Understandings
9.3.HL.1 Determine academic subject matter, in addition to high school graduation requirements, necessary for pursuing a health science career.		There is specific associated terminology related to the pathology and the diagnostic and treatment procedures of the male reproductive system. There is specific associated terminology related to the pathology and the diagnostic and treatment procedures of the female reproductive system and a woman during pregnancy, childbirth, and the postpartum period.
9.3.HL-HI.1 Communicate health information accurately.		
9.3.HL-HI.2 Describe the content and diverse uses of health information.		
Standards-Aligned Objectives. Instruction and assessment will align to the following objectives:		
9.3.HL.1 [1.14]	Identify and describe the major functions and structures of the male reproductive system.	
9.3.HL.1 [2.14]	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	
9.3.HL.1 [3.14]	Identify and describe the major functions and structures of the female reproductive system.	
9.3.HL.1 [4.14]	Recognize, define, spell, and pronounce the terms related to the pathology and the diagnostic and treatment procedures of the female reproductive system, including: <ul style="list-style-type: none">• 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	
9.3.HL-HI.1	Communicate health information accurately.	
9.3.HL-HI.2	Describe the content and diverse uses of health information	

Rutgers Medical Terminology
Unit 15: Diagnostic Procedures and Pharmacology
Section 15.1

Suggested Unit Section Pacing

3.5 Sessions

Essential Question: Why is the use of accurate medical terminology necessary in healthcare?
 What terminology is used to identify and describe the basic examination procedures, diagnostic techniques and primary pharmacology?

NJSLS Performance Expectations	Enduring Understandings
9.3.HL.1 Determine academic subject matter, in addition to high school graduation requirements, necessary for pursuing a health science career.	A wide range of diagnostic tools are used to determine the patient's general state of health and to look for specific medical conditions and there is specific terminology associated with these tools.
9.3.HL-HI.1 Communicate health information accurately.	
9.3.HL-DIA.4 Explain procedures and goals to the patient/client accurately and effectively, using strategies to respond to questions and concerns.	Pharmacology is the study of the nature, uses and effects of drugs for medical purposes and has specific associated terminology.
9.3.HL-DIA.5 Select, demonstrate and interpret diagnostic procedures.	

Standards-Aligned Objectives. Instruction and assessment will align to the following objectives:

Content Vocabulary:

9.3.HL.1 [1.15]	Describe the vital signs recorded for most patients.
9.3.HL.1 [2.15]	Recognize, define, spell, and pronounce the terms associated with basic examination procedures.
9.3.HL.1 [3.15]	Identify and describe the basic examination positions.
9.3.HL.1 [4.15]	Recognize, define, spell, and pronounce terms associated with frequently performed blood and urinalysis laboratory tests.
9.3.HL.1 [5.15]	Recognize, define, spell, and pronounce terms associated with radiography and other imaging techniques.
9.3.HL.1 [6.15]	Recognize, define, spell, and pronounce the pharmacology terms introduced in this chapter.
9.3.HL.1 [7.15]	Differentiate between projection and position and describe basic radiographic projections.
9.3.HL-HI.1	Communicate health information accurately.
9.3.HL-HI.2	Describe the content and diverse uses of health information.
9.3.HL-DIA.4	Explain procedures and goals to the patient/client accurately and effectively, using strategies to respond to questions and concerns.
9.3.HL-DIA.5	Select, demonstrate and interpret diagnostic procedures.

Rutgers Medical Terminology		
NJSLs Companion Standards		Unit
RH.11-12.1	Accurately cite strong and thorough textual evidence, (e.g., via discussion, written response, etc.), to support analysis of primary and secondary sources, connecting insights gained from specific details to develop an understanding of the text as a whole.	1
RH.11-12.2	Determine the theme, central ideas, information and/or perspective(s) presented in a primary or secondary source; provide an accurate summary of how key events, ideas and/or the author's perspective(s) develop over the course of the text.	ALL
RH.11-12.3	Evaluate various perspectives for actions or events; determine which explanation best accords with textual evidence, acknowledging where the text leaves matters uncertain.	ALL
RH.11-12.6	Evaluate authors' differing perspectives on the same historical event or issue by assessing the authors' claims, reasoning, and evidence.	All
WHST.11-12.1B	Develop claim(s) and counterclaims using sound reasoning and thoroughly, supplying the most relevant data and evidence for each while pointing out the strengths and limitations of both claim(s) and counterclaims in a discipline appropriate form that anticipates the audience's knowledge level, concerns, values, and possible biases.	4
WHST.11-12.2	Write informative/explanatory texts, including the narration of historical events, scientific procedures/ experiments, or technical processes.	1
WHST.11-12.2D	Use precise language, domain-specific vocabulary and techniques such as metaphor, simile, and analogy to manage the complexity of the topic; convey a knowledgeable stance in a style that responds to the discipline and context as well as to the expertise of likely readers.	10
WHST.11-12.6.	Use technology, including the Internet, to produce, share, and update writing products in response to ongoing feedback, including new arguments or information.	ALL
WHST.11-12.7	Conduct short as well as more sustained research projects to answer a question or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.	11
WHST.11-12.10	Write routinely over extended time frames (time for reflection and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences.	ALL
NJSLs Computer Science, Career Awareness, Exploration, Preparation, and Training, and Life Literacies and Key Skills		Unit
8.1.12.D.2	Evaluate consequences of unauthorized electronic access (e.g., hacking) and disclosure, and on dissemination of personal information.	1
9.2.12.C.1	Review career goals and determine steps necessary for attainment.	ALL
9.2.12.C.2	Modify Personalized Student Learning Plans to support declared career goals.	ALL
9.2.12.C.3	Identify transferable career skills and design alternate career plans.	ALL
9.2.12.C.4	Analyze how economic conditions and societal changes influence employment trends and future education.	ALL
9.2.12.C.5	Research career opportunities in the United States and abroad that require knowledge of world languages and diverse cultures.	ALL

9.2.12.C.6	Investigate entrepreneurship opportunities as options for career planning and identify the knowledge, skills, abilities, and resources required for owning and managing a business.	ALL
9.2.12.C.7	Examine the professional, legal, and ethical responsibilities for both employers and employees in the global workplace.	ALL
9.2.12.C.8	Assess the impact of litigation and court decisions on employment laws and practices.	ALL
9.2.12.C.9	Analyze the correlation between personal and financial behavior and employability.	ALL
9.4.12.CI.1	Demonstrate the ability to reflect, analyze and use creative skills and ideas.	ALL
9.4.12.CI.2:	Identify career pathways that highlight personal talents, skills and abilities.	ALL
9.4.12.CT.2	Explain the potential benefits of collaborating to enhance critical thinking and problem solving.	ALL
9.4.12.TL.4	Collaborate in online learning communities or social networks or virtual worlds to analyze and propose a resolution to a real-world problem.	ALL