MEDICAL TERMINOLOGY

Course Description

Medical terminology is designed to develop a working knowledge of the language of health professions. Students acquire word-building skills by learning prefixes, suffixes, roots, combining forms, and abbreviations. Utilizing a body systems approach, students will define, interpret, and pronounce medical terms relating to structure and function, pathology, diagnosis, clinical procedures, and pharmacology. Students will use problem-solving techniques to assist in developing an understanding of course concepts.

It is strongly recommended that administration and guidance follow the scope and sequence and course recommendations as listed.

Recommended Credits: 1

Recommended Grade Level(s): 10th-12th

Number of Competencies in Course: 32

Note: In addition to traditional classroom instruction, Medical Terminology may be offered as a dual enrollment for juniors and seniors.
MEDICAL TERMINOLOGY

STANDARDS

1.0 Investigate and analyze the fundamentals of medical terminology including but not limited to word origins, basic word parts, prefixes, suffixes, root words and combining forms.

2.0 Investigate and analyze terms associated with body planes, cavities, directional terms, body systems, abbreviations, acronyms and symbols.

3.0 Identify, articulate, interpret and accurately spell medical terms related to the anatomy and physiology of body systems as they relate to diagnosis and procedures.

4.0 Demonstrate communication skills using the terminology applicable to the health science industry.

5.0 Identify, articulate, interpret and accurately spell occupational specific medical terminology and abbreviations for health care professionals.
MEDICAL TERMINOLOGY

STANDARD 1.0

Investigate and analyze the fundamentals of medical terminology including but not limited to word origins, basic word parts, prefixes, suffixes, root words and combining forms.

LEARNING EXPECTATIONS

The student will:

1.1 Interpret the historical development of the medical language including Latin and Greek origination of medical terms

1.2 Analyze medical terms with correct division and labeling of word parts

1.3 Create medical terms combining root, prefixes and suffixes.

1.4 Construct sentences using medical terminology work-building skills

1.5 Spell and define prefixes, suffixes, root words with 100% accuracy.

1.6 Apply concepts related to rules determining singular and plural endings

1.7 Summarize the documents found in a medical record and importance of confidentiality.

PERFORMANCE INDICATORS; EVIDENCE STANDARD IS MET

The student will:

1.1 Research the history of medical language and present finding in a research paper. Students will also verbalize early Latin and Greek forms of medical term.

1.2 Recognize parts of any given medical term and define each part.

1.3 Develop medical terms using roots, prefixes and suffixes. Define terms

1.4 Construct sentences utilizing correct medical terminology similar to that in a patient record.

1.5 Spell medical terms with 100% accuracy

1.6 Recognize correct usage of singular and plural forms of terms

1.7 Given a patient document define all medical terms within the document
MEDICAL TERMINOLOGY

STANDARD 2.0

Investigate and analyze terms associated with body planes, cavities, directional terms, body systems, abbreviations, acronyms and symbols.

LEARNING EXPECTATIONS

The student will:

2.1 Research the origins of eponyms then differentiate between eponyms, acronyms and abbreviations

2.2 Interpret and correctly utilize medical abbreviations and symbols within documentation.

2.3 Relate the importance of using caution with abbreviations.

2.4 Interpret terminology in reference to anatomical position, directional and positional terms, body cavities, and body planes related to body structure.

PERFORMANCE INDICATORS; EVIDENCE STANDARD IS MET

The student will:

2.1 Define the terms eponyms, acronyms and abbreviations then explain how each is related to medical terminology.

2.2 Given a scenario will correctly document using medical terminology.

2.3 Relate the guidelines related to using abbreviations in all areas of health care.

2.4 Educate a mock patient on terminology related to anatomical position, directional and positional terms, body cavities and body planes.
MEDICAL TERMINOLOGY

STANDARD 3.0

Identify, articulate, interpret and accurately spell medical terms related to the anatomy and physiology of body systems.

LEARNING EXPECTATIONS

The student will:

3.1 Analyze and interpret vocabulary, pathology, diagnostic and therapeutic medical terms and abbreviations related to the integumentary system.

3.2 Analyze and interpret vocabulary, pathology, diagnostic and therapeutic medical terms and abbreviations related to the respiratory system.

3.3 Analyze and interpret vocabulary, pathology, diagnostic and therapeutic medical terms and abbreviations related to the cardiovascular system.

3.4 Analyze and interpret vocabulary, pathology, diagnostic and therapeutic medical terms and abbreviations related to the musculoskeletal system.

3.5 Analyze and interpret vocabulary, pathology, diagnostic, and therapeutic medical terms and abbreviations related to the endocrine system.

3.6 Analyze and interpret vocabulary, pathology, diagnostic and therapeutic medical terms and abbreviations related to the nervous system.

3.7 Analyze and interpret vocabulary, pathology, diagnostic and therapeutic medical terms and abbreviations related to the lymphatic/immune and hemolytic systems.

3.8 Analyze and interpret vocabulary, pathology, diagnostic and therapeutic medical terms and abbreviations related to the gastrointestinal system.

3.9 Analyze and interpret vocabulary, pathology, diagnostic and therapeutic medical terms and abbreviations related to the urinary system.

3.10 Analyze and interpret vocabulary, pathology, diagnostic and therapeutic medical terms and abbreviations related to the special senses.

3.11 Analyze and interpret vocabulary, pathology, diagnostic and therapeutic medical terms and abbreviations related to the reproductive system.
PERFORMANCE INDICATORS; EVIDENCE STANDARD IS MET

The student will:

3.1 Define and apply concepts related to pathology, diagnostic and therapeutic terminology of integumentary system.

3.2 Define and apply concepts related to pathology, diagnostic and therapeutic terminology of respiratory system.

3.3 Define and apply concepts related to pathology, diagnostic and therapeutic terminology of cardiovascular system.

3.4 Define and apply concepts related to pathology, diagnostic and therapeutic terminology of musculoskeletal system.

3.5 Define and apply concepts related to pathology, diagnostic and therapeutic terminology of endocrine system.

3.6 Define and apply concepts related to pathology, diagnostic and therapeutic terminology of nervous system.

3.7 Define and apply concepts related to pathology, diagnostic and therapeutic terminology of lymphatic/immune and hemolytic systems.

3.8 Define and apply concepts related to pathology, diagnostic and therapeutic terminology of gastrointestinal system.

3.9 Define and apply concepts related to pathology, diagnostic and therapeutic terminology of urinary system.

3.10 Define and apply concepts related to pathology, diagnostic and therapeutic terminology of special senses.

3.11 Define and apply concepts related to pathology, diagnostic and therapeutic terminology of reproductive system.
MEDICAL TERMINOLOGY

STANDARD 4.0

Demonstrate communication skills using the terminology applicable to the health science industry.

LEARNING EXPECTATIONS

The student will:

4.1 Determine or clarify the meaning of unknown medical terms by evaluating professional journals.

4.2 Initiate and participate effectively using appropriate medical terminology in collaborative discussions surrounding medical legal/ethical issues.

4.3 Translate technical material related to health science industry.

4.4 Demonstrate appropriate verbal and written strategies such as correct pronunciation of medical terms and spelling in a variety of health science scenarios.

PERFORMANCE INDICATORS; EVIDENCE STANDARD IS MET

The student will:

4.1 The student will use context (e.g., the overall meaning of a sentence, paragraph or text) as a clue to the meaning of a word or phrase.

4.2 Conduct a mini research project surrounding medical legal/ethical issues and document findings using medical terminology.

4.3 Understands and acquires new vocabulary and uses it correctly when interpreting journal material.

4.4 Pronounce and spell medical terms at 100% accuracy.
MEDICAL TERMINOLOGY

STANDARD 5.0

Identify, articulate, interpret and accurately spell occupational specific medical terminology and abbreviations for health care professionals.

LEARNING EXPECTATIONS

The student will:

5.1 Analyze and interpret diagnostic, surgical and procedural terms and abbreviations related to therapeutic services.

5.2 Analyze and interpret diagnostic, surgical and procedural terms and abbreviations related to diagnostic medicine

5.3 Analyze and interpret diagnostic, surgical and procedural terms and abbreviations related to biotechnology and services

5.4 Analyze and interpret diagnostic, surgical and procedural terms and abbreviations related to pharmacology

5.5 Analyze and interpret diagnostic, surgical and procedural terms and abbreviations related to emergency medical services

5.6 Analyze and interpret diagnostic, surgical and procedural terms and abbreviations related to dental services

PERFORMANCE INDICATORS; EVIDENCE STANDARD IS MET

The student will:

5.1 Interpret information related to diagnostic, surgical and procedural terms within the therapeutic services career cluster.

5.2 Interpret information related to diagnostic, surgical and procedural terms within the diagnostic medicine services career cluster.

5.3 Interpret information related to diagnostic, surgical and procedural terms within the biotechnology services career cluster.

5.4 Interpret information related to diagnostic, surgical and procedural terms within the pharmacological career cluster.

5.5 Interpret information related to diagnostic, surgical and procedural terms within the emergency medical services career cluster.

5.6 Interpret information related to diagnostic, surgical and procedural terms within the dental services career cluster.