



Western Technical College

## 10501101 Medical Terminology

### Course Outcome Summary

#### Course Information

<b>Description</b>	Focuses on the component parts of medical terms: prefixes, suffixes and word roots. Students practice formation, analysis and reconstruction of terms. Emphasis on spelling, definition and pronunciation. Introduction to operative, diagnostic, therapeutic and symptomatic terminology of all body systems, as well as systemic and surgical terminology.
<b>Career Cluster</b>	Health Science
<b>Instructional Level</b>	Associate Degree Courses
<b>Total Credits</b>	3
<b>Total Hours</b>	54

#### Textbooks

No textbook required.

#### Learner Supplies

Internet and E-mail access, Microsoft Office (Word, PowerPoint, Access, Excel). Free access with Western student email address from <https://login.microsoftonline.com/>. **Vendor:** To be discussed in class. Required.

#### Success Abilities

1. Refine Professionalism: Practice Effective Communication

#### Course Competencies

1. Apply the rules of medical language

### **Assessment Strategies**

- 1.1. Oral, Written or Graphic Assessment

#### **Criteria**

*You will know you are successful when*

- 1.1. you apply the rules for building medical terms
- 1.2. you provide definitions of medical terms
- 1.3. you apply the rules for analyzing medical terms
- 1.4. you apply the rules for singular and plural forms
- 1.5. you apply the use of abbreviations
- 1.6. you apply the rules for spelling terms
- 1.7. you apply the rules for pronouncing term

#### **Learning Objectives**

- 1.a. Apply the basic rules for analyzing and building medical terms
- 1.b. Identify the role of the three types of word components
- 1.c. Define the meaning of word components
- 1.d. Divide words into their component parts
- 1.e. Build words from the component parts
- 1.f. Pronounce medical terms
- 1.g. Spell medical terms
- 1.h. Apply rules to create plural and singular word formations
- 1.i. Identify common medical abbreviations
- 1.j. Abbreviate common medical terms
- 1.k. Distinguish between nouns and adjectives

## **2. Apply medical terms related to the body as a whole**

### **Assessment Strategies**

- 2.1. Oral, Written or Graphic Assessment

#### **Criteria**

*You will know you are successful when*

- 2.1. you apply the rules of medical language
- 2.2. you identify directional terms
- 2.3. you identify terms related to planes of the body
- 2.4. you identify terms related to anatomical divisions
- 2.5. you identify terms related to organization and structure of the body

#### **Learning Objectives**

- 2.a. Use the anatomic reference system to identify the anatomic position of the body
- 2.b. Use the anatomic reference system to identify the body planes
- 2.c. Use the anatomic reference system to identify the body cavities
- 2.d. Use the anatomic reference system to identify the directional terms
- 2.e. Use the anatomic reference system to identify the divisions of the body
- 2.f. Describe the structural organization of the body
- 2.g. Apply the rules of medical language
- 2.h. Identify meanings of key word components

## **3. Interpret medical terms related to the lymphatic and immune systems**

### **Assessment Strategies**

- 3.1. Oral, Written or Graphic Assessment

#### **Criteria**

*You will know you are successful when*

- 3.1. you apply the rules of medical language
- 3.2. you interpret medical terms related to the structure and function of the lymphatic and immune systems
- 3.3. you interpret pathological terms related to the lymphatic and immune systems
- 3.4. you identify the terms related to the diagnostic procedures of the lymphatic and immune systems
- 3.5. you identify the terms related to the treatments of disorders of the lymphatic and immune systems

### **Learning Objectives**

- 3.a. Apply the rules of medical language to build, analyze, spell, pronounce, abbreviate, and define terms as they relate to the lymph and immune systems
- 3.b. Identify meanings of key word components of the lymph and immune systems
- 3.c. Categorize diagnostic, therapeutic, procedural or anatomic terms related to the lymph and immune systems
- 3.d. Use terms related to the lymph and immune systems
- 3.e. Use terms related to the diseases and disorders of the lymph and immune systems

## **4. Interpret medical terms related to the integumentary system**

### **Assessment Strategies**

- 4.1. Oral, Written or Graphic Assessment

### **Criteria**

*You will know you are successful when*

- 4.1. you apply the rules of medical language
- 4.2. you interpret medical terms related to the structure and function of the integumentary system
- 4.3. you interpret pathological terms related to the integumentary system
- 4.4. you identify the terms related to the diagnostic procedures of the integumentary system
- 4.5. you identify the terms related to the treatments of disorders of the integumentary systems

### **Learning Objectives**

- 4.a. Apply the rules of medical language to build, analyze, spell, pronounce, abbreviate, and define terms as they relate to the integumentary system
- 4.b. Identify meanings of key word components of the integumentary system
- 4.c. Categorize diagnostic, therapeutic, procedural or anatomic terms related to the integumentary system
- 4.d. Use terms related to the integumentary system
- 4.e. Use terms related to the diseases and disorders of the integumentary system

## **5. Interpret medical terms related to the female reproductive system**

### **Assessment Strategies**

- 5.1. Oral, Written or Graphic Assessment

### **Criteria**

*You will know you are successful when*

- 5.1. you apply the rules of medical language
- 5.2. you interpret medical terms related to the structure and function of the female reproductive system
- 5.3. you interpret pathological terms related to the female reproductive system
- 5.4. you identify the terms related to the diagnostic procedures of the female reproductive system
- 5.5. you identify the terms related to the treatments of disorders of the female reproductive systems

### **Learning Objectives**

- 5.a. Apply the rules of medical language to build, analyze, spell, pronounce, abbreviate, and define terms as they relate to the female reproductive system
- 5.b. Identify meanings of key word components of the female reproductive system
- 5.c. Categorize diagnostic, therapeutic, procedural or anatomic terms related to the female reproductive system
- 5.d. Use terms related to the female reproductive system
- 5.e. Use terms related to the diseases and disorders of the female reproductive system

## **6. Interpret medical terms related to the male reproductive system**

### **Assessment Strategies**

- 6.1. Oral, Written or Graphic Assessment

### **Criteria**

*You will know you are successful when*

- 6.1. you apply the rules of medical language
- 6.2. you interpret medical terms related to the structure and function of the male reproductive system
- 6.3. you interpret pathological terms related to the male reproductive system

- 6.4. you identify the terms related to the diagnostic procedures of the male reproductive system
- 6.5. you identify the terms related to the treatments of disorders of the male reproductive systems

#### **Learning Objectives**

- 6.a. Apply the rules of medical language to build, analyze, spell, pronounce, abbreviate, and define terms as they relate to the male reproductive system
- 6.b. Identify meanings of key word components of the male reproductive system
- 6.c. Categorize diagnostic, therapeutic, procedural or anatomic terms related to the male reproductive system
- 6.d. Use terms related to the male reproductive system
- 6.e. Use terms related to the diseases and disorders of the male reproductive system

### **7. Interpret terms related to the blood**

#### **Assessment Strategies**

- 7.1. Oral, Written or Graphic Assessment

#### **Criteria**

*You will know you are successful when*

- 7.1. you apply the rules of medical language
- 7.2. you interpret medical terms related to the structure and function of the blood
- 7.3. you interpret pathological terms related to the blood
- 7.4. you identify the terms related to the diagnostic procedures performed on blood
- 7.5. you identify the terms related to the treatments of disorders of the blood

#### **Learning Objectives**

- 7.a. Apply the rules of medical language to build, analyze, spell, pronounce, abbreviate, and define terms as they relate to the blood
- 7.b. Identify meanings of key word components of the blood
- 7.c. Categorize diagnostic, therapeutic, procedural or anatomic terms related to the blood
- 7.d. Use terms related to the blood
- 7.e. Use terms related to the diseases and disorders of the blood

### **8. Interpret terms related to the visual and auditory sensory systems**

#### **Assessment Strategies**

- 8.1. Oral, Written or Graphic Assessment

#### **Criteria**

*You will know you are successful when*

- 8.1. you apply the rules of medical language
- 8.2. you interpret medical terms related to the structure and function of the sensory system
- 8.3. you interpret pathological terms related to the sensory system
- 8.4. you identify the terms related to the diagnostic procedures of the sensory system
- 8.5. you identify the terms related to the treatments of disorders of the sensory system

#### **Learning Objectives**

- 8.a. Apply the rules of medical language to build, analyze, spell, pronounce, abbreviate, and define terms as they relate to the sensory system
- 8.b. Identify meanings of key word components of the sensory system
- 8.c. Categorize diagnostic, therapeutic, procedural or anatomic terms related to the sensory system
- 8.d. Use terms related to the sensory system
- 8.e. Use terms related to the diseases and disorders of the sensory system

### **9. Interpret terms related to the musculoskeletal system**

#### **Assessment Strategies**

- 9.1. Oral, Written or Graphic Assessment

#### **Criteria**

*You will know you are successful when*

- 9.1. you apply the rules of medical language
- 9.2. you interpret medical terms related to the structure and function of the musculoskeletal system

- 9.3. you interpret pathological terms related to the musculoskeletal system
- 9.4. you identify the terms related to the diagnostic procedures of the musculoskeletal system
- 9.5. you identify the terms related to the treatments of disorders of the musculoskeletal system

#### **Learning Objectives**

- 9.a. Apply the rules of medical language to build, analyze, spell, pronounce, abbreviate, and define terms as they relate to the musculoskeletal system
- 9.b. Identify meanings of key word components of the musculoskeletal system
- 9.c. Categorize diagnostic, therapeutic, procedural or anatomic terms related to the musculoskeletal system
- 9.d. Use terms related to the musculoskeletal system
- 9.e. Use terms related to the diseases and disorders of the musculoskeletal system

### **10. Interpret terms related to the respiratory system**

#### **Assessment Strategies**

- 10.1. Oral, Written or Graphic Assessment

#### **Criteria**

*You will know you are successful when*

- 10.1. you apply the rules of medical language
- 10.2. you interpret medical terms related to the structure and function of the respiratory system
- 10.3. you interpret pathological terms related to the respiratory system
- 10.4. you identify the terms related to the diagnostic procedures of the respiratory system
- 10.5. you identify the terms related to the treatments of disorders of the respiratory system

#### **Learning Objectives**

- 10.a. Apply the rules of medical language to build, analyze, spell, pronounce, abbreviate, and define terms as they relate to the respiratory system
- 10.b. Identify meanings of key word components of the respiratory system
- 10.c. Categorize diagnostic, therapeutic, procedural or anatomic terms related to the respiratory system
- 10.d. Use terms related to the respiratory system
- 10.e. Use terms related to the diseases and disorders of the respiratory system

### **11. Interpret terms related to the digestive system**

#### **Assessment Strategies**

- 11.1. Oral, Written or Graphic Assessment

#### **Criteria**

*You will know you are successful when*

- 11.1. you apply the rules of medical language
- 11.2. you interpret medical terms related to the structure and function of the digestive system
- 11.3. you interpret pathological terms related to the digestive system
- 11.4. you identify the terms related to the diagnostic procedures of the digestive system
- 11.5. you identify the terms related to the treatments of disorders of the digestive system

#### **Learning Objectives**

- 11.a. Apply the rules of medical language to build, analyze, spell, pronounce, abbreviate, and define terms as they relate to the digestive system
- 11.b. Identify meanings of key word components of the digestive system
- 11.c. Categorize diagnostic, therapeutic, procedural or anatomic terms related to the digestive system
- 11.d. Use terms related to the digestive system
- 11.e. Use terms related to the diseases and disorders of the digestive system

### **12. Interpret terms related to the nervous system**

#### **Assessment Strategies**

- 12.1. Oral, Written or Graphic Assessment

#### **Criteria**

*You will know you are successful when*

- 12.1. you apply the rules of medical language
- 12.2. you interpret medical terms related to the structure and function of the nervous system

- 12.3. you interpret pathological terms related to the nervous system
- 12.4. you identify the terms related to the diagnostic procedures of the nervous system
- 12.5. you identify the terms related to the treatments of disorders of the nervous system

#### **Learning Objectives**

- 12.a. Apply the rules of medical language to build, analyze, spell, pronounce, abbreviate, and define terms as they relate to the nervous system
- 12.b. Identify meanings of key word components of the nervous system
- 12.c. Categorize diagnostic, therapeutic, procedural or anatomic terms related to the nervous system
- 12.d. Use terms related to the nervous system
- 12.e. Use terms related to the diseases and disorders of the nervous system

### **13. Interpret terms related to the endocrine system**

#### **Assessment Strategies**

- 13.1. Oral, Written or Graphic Assessment

#### **Criteria**

*You will know you are successful when*

- 13.1. you apply the rules of medical language
- 13.2. you interpret medical terms related to the structure and function of the endocrine system
- 13.3. you interpret pathological terms related to the endocrine system
- 13.4. you identify the terms related to the diagnostic procedures of the endocrine system
- 13.5. you identify the terms related to the treatments of disorders of the endocrine system

#### **Learning Objectives**

- 13.a. Apply the rules of medical language to build, analyze, spell, pronounce, abbreviate, and define terms as they relate to the endocrine system
- 13.b. Identify meanings of key word components of the endocrine system
- 13.c. Categorize diagnostic, therapeutic, procedural or anatomic terms related to the endocrine system
- 13.d. Use terms related to the endocrine system
- 13.e. Use terms related to the diseases and disorders of the endocrine system

### **14. Interpret terms related to the urinary system**

#### **Assessment Strategies**

- 14.1. Oral, Written or Graphic Assessment

#### **Criteria**

*You will know you are successful when*

- 14.1. you apply the rules of medical language
- 14.2. you interpret medical terms related to the structure and function of the urinary system
- 14.3. you interpret pathological terms related to the urinary system
- 14.4. you identify the terms related to the diagnostic procedures of the urinary system
- 14.5. you identify the terms related to the treatments of disorders of the urinary system

#### **Learning Objectives**

- 14.a. Apply the rules of medical language to build, analyze, spell, pronounce, abbreviate, and define terms as they relate to the urinary system
- 14.b. Identify meanings of key word components of the urinary system
- 14.c. Categorize diagnostic, therapeutic, procedural or anatomic terms related to the urinary system
- 14.d. Use terms related to the urinary system
- 14.e. Use terms related to the diseases and disorders of the urinary system

### **15. Interpret terms related to the cardiovascular system**

#### **Assessment Strategies**

- 15.1. Oral, Written or Graphic Assessment

#### **Criteria**

*You will know you are successful when*

- 15.1. you apply the rules of medical language
- 15.2. you interpret medical terms related to the structure and function of the cardiovascular system

- 15.3. you interpret pathological terms related to the cardiovascular system
- 15.4. you identify the terms related to the diagnostic procedures of the cardiovascular system
- 15.5. you identify the terms related to the treatments of disorders of the cardiovascular system

**Learning Objectives**

- 15.a. Apply the rules of medical language to build, analyze, spell, pronounce, abbreviate, and define terms as they relate to the cardiovascular system
- 15.b. Identify meanings of key word components of the cardiovascular system
- 15.c. Categorize diagnostic, therapeutic, procedural or anatomic terms related to the cardiovascular system
- 15.d. Use terms related to the cardiovascular system
- 15.e. Use terms related to the diseases and disorders of the cardiovascular system