

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE

ACADEMIC AFFAIRS

Course Number: MED 100 Class/Lect. 150mi Lab
Hours: n/wk Hours: 0 Credits: 3 Dept.: Medical Assisting

Course Title: Medical Terminology Semester: Spring and Fall Year: 2018

Course Description, Prerequisite, Corequisite:

This course will provide students with a foundation to recognize medical terms using the four word part approach (prefix, word root, suffix, combining vowel). This will prepare the student to better understand and master the terminology related to health care delivery. Emphasis will be placed on improving written and oral communication skills pertaining to medical terminology. The student will experience real life applications of medical terminology through the use of pathology, and history and physical forms from actual hospital records as well as television medical dramas and movies.

A working knowledge of medical terminology is desirable for anyone entering one of the health science fields.

Prerequisite: None

Corequisite: None

OBJECTIVES/COMPETENCIES

Course Objectives	Competencies
<ol style="list-style-type: none">1. Develop a medical vocabulary through a study of basic structures of medical words including prefixes, suffixes and word roots and combining forms.2. Analyze, define and build medical terms using word roots, prefixes, suffixes and combining vowels.3. Learn the meaning of medical terms built from word parts and those not built from word parts.	<ol style="list-style-type: none">1. Given a list of the more common prefixes used in constructing medical terms, the student will be able to define the meaning of each prefix and cite three or more medical terms which incorporates the prefix in their structure2. Given a list of the more common suffixes used in constructing medical terms, the student will be able to define the meaning of each suffix and cite three or more medical terms which incorporates the suffix in their structure.

Course Objectives	Competencies
<p>4. Spell medical terms correctly.</p> <p>5. Pronounce medical terms correctly.</p> <p>6. Understand surgical terms and surgical procedures.</p> <p>7. Understand diagnostic terms and procedures.</p> <p>8. Understand the structure and function of each of the body systems.</p> <p>9. Become familiar with terminology related to the body systems.</p> <p>10. Become familiar with the more common plural endings.</p> <p>11. Chapter 1: Introduction to Medical Language</p> <ol style="list-style-type: none"> a. Describe the origin of medical language. b. Define two categories of medical terms. c. Analyze and define medical terms. d. Build medical terms for giving definitions. <p>12. Chapter 2: Body Structure, Color and Oncology</p> <ol style="list-style-type: none"> a. Describe anatomic structures of the human body. b. Define and spell word parts related to body structure, color and oncology. c. Define, pronounce and spell disease and disorder oncology terms. d. Define, pronounce and spell body structure terms. e. Define, pronounce and spell complementary terms related to body structure, color and oncology. f. Identify and use singular and plural endings. g. Interpret the meaning of abbreviations related to body structure and oncology. h. Apply medical language in clinical contexts. 	<p>3. Given a list of the more common word parts used in constructing medical terms, the student will be able to analyze and define the word parts and combine them with other prefixes and suffixes into meaningful medical terms, accurately defining the resulting compound structure.</p> <p>4. Given a verbal description of the more common medical and surgical procedures built from word parts, e.g., incision into the abdomen, the student will utilize appropriate terminology to indicate the procedure, e.g., Laparotomy</p> <p>5. Given a list of the more common medical terms not built from word parts, the student will be able to give or recognize the definition of the medical term.</p> <p>6. Given a list of the more common diagnostic terms the student will be able to recognize and give the proper definition for the term.</p> <p>7. Given a list of the more common medical abbreviations used in medical terminology, the student will be able to recognize and give the proper definition of the abbreviation.</p>

Course Objectives	Competencies
<p>13. Chapter 3: Directional Terms, Planes, Positions, Regions and Quadrants</p> <ul style="list-style-type: none"> a. Define and spell word parts related to directional terms. b. Define, pronounce and spell terms used to to describe directions with respect to the body. c. Define, pronounce and spell terms used to to describe anatomic planes. d. Define, pronounce and spell terms used to to describe body positions. e. Define, pronounce and spell terms used to to describe abdominopelvic quadrants. f. Interpret the meaning of abbreviations presented in this chapter. g. Apply medical language in clinical contexts. <p>14. Chapter 4: Integumentary System</p> <ul style="list-style-type: none"> a. Pronounce and identify anatomic structures of the integumentary system. b. Define and spell word parts related to the integumentary system. c. Define, pronounce and spell disease and disorder terms related to the integumentary system. d. Define, pronounce and spell surgical terms related to the integumentary system. e. Define, pronounce and spell complementary terms related to the integumentary system. f. Interpret the meaning of abbreviations related to the integumentary system. g. Apply medical language in clinical contexts. <p>15. Chapter 5: Respiratory System</p> <ul style="list-style-type: none"> a. Pronounce and identify anatomic structures of the respiratory system. b. Define and spell word parts related to the respiratory system. 	

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<ul style="list-style-type: none"> c. Define, pronounce and spell disease and disorder terms related to the respiratory system. d. Define, pronounce and spell surgical terms related to the respiratory system. e. Define, pronounce and spell diagnostic terms related to the respiratory system. f. Define, pronounce and spell complementary terms related to the respiratory system. g. Interpret the meaning of abbreviations related to the respiratory system. h. Apply medical language in clinical contexts. <p>16. Chapter 6: Urinary System</p> <ul style="list-style-type: none"> a. Pronounce and identify anatomic structures of the urinary system. b. Define and spell word parts related to the urinary system. c. Define, pronounce and spell disease and disorder terms related to the urinary system. d. Define, pronounce and spell surgical terms related to the urinary system. e. Define, pronounce and spell diagnostic terms related to the urinary system. f. Define, pronounce and spell complementary terms related to the urinary system. g. Interpret the meaning of abbreviations related to the urinary system. h. Apply medical language in clinical contexts. <p>17. Chapter 7: Male Reproductive System</p> <ul style="list-style-type: none"> a. Pronounce and identify anatomic structures of the male reproductive system. b. Define and spell word parts related to the male reproductive system. 	

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<ul style="list-style-type: none"> c. Define, pronounce and spell disease and disorder terms related to the male reproductive system. d. Define, pronounce and spell surgical terms related to the male reproductive system. e. Define, pronounce and spell diagnostic terms related to the male reproductive system. f. Define, pronounce and spell complementary terms related to the male reproductive system. g. Interpret the meaning of abbreviations related to the male reproductive system. h. Apply medical language in clinical contexts. <p>18. Chapter 8: Female Reproductive System</p> <ul style="list-style-type: none"> a. Pronounce and identify anatomic structures of the female reproductive system. b. Define and spell word parts related to the female reproductive system. c. Define, pronounce and spell disease and disorder terms related to the female reproductive system. d. Define, pronounce and spell surgical terms related to the female reproductive system. e. Define, pronounce and spell diagnostic terms related to the female reproductive system. f. Define, pronounce and spell complementary terms related to the female reproductive system. g. Interpret the meaning of abbreviations related to the female reproductive system. h. Apply medical language in clinical contexts. <p>19. Chapter 9: Obstetrics and Neonatology</p> <ul style="list-style-type: none"> a. Pronounce and identify anatomic structures to pregnancy. b. Define and spell word parts related to obstetrics and neonatology. c. Define, pronounce and spell disease and disorder terms 	

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<p>related to obstetrics and neonatology.</p> <ul style="list-style-type: none"> d. Define, pronounce and spell surgical terms related to obstetrics. e. Define, pronounce and spell complementary terms related to obstetrics and neonatology. f. Interpret the meaning of abbreviations related to obstetrics and neonatology. g. Apply medical language in clinical contexts. <p>20. Chapter 10: Cardiovascular, Immune, Lymphatic Systems and Blood.</p> <ul style="list-style-type: none"> a. Pronounce and identify anatomic structures of the cardiovascular, immune, lymphatic systems and blood. b. Define and spell word parts related to the cardiovascular, immune, lymphatic systems and blood. c. Define, pronounce and spell disease and disorder terms related to the cardiovascular, immune, lymphatic systems and blood. d. Define, pronounce and spell surgical terms related to the cardiovascular, immune, lymphatic systems and blood. e. Define, pronounce and spell diagnostic terms related to the cardiovascular, immune, lymphatic systems and blood. f. Define, pronounce and spell complementary terms related to the cardiovascular, immune, lymphatic systems and blood. g. Interpret the meaning of abbreviations related to the cardiovascular, immune, lymphatic systems and blood. h. Apply medical language in clinical contexts. <p>21. Chapter 11: Digestive System</p> <ul style="list-style-type: none"> a. Pronounce and identify anatomic structures of the digestive system. b. Define and spell word parts related to the digesetive system. c. Define, pronounce and spell disease and disorder terms related to the digestive system. 	

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<ul style="list-style-type: none"> d. Define, pronounce and spell surgical terms related to the digestive system. e. Define, pronounce and spell diagnostic terms related to the digestive system. f. Define, pronounce and spell complementary terms related to the digestive system. g. Interpret the meaning of abbreviations related to the digestive system. h. Apply medical language in clinical contexts. <p>22. Chapter 14: Musculoskeletal System</p> <ul style="list-style-type: none"> a. Pronounce and identify anatomic structures of the musculoskeletal system. b. Define and spell word parts related to the musculoskeletal system. c. Define, pronounce and spell disease and disorder terms related to the musculoskeletal system. d. Define, pronounce and spell surgical terms related to the musculoskeletal system. e. Define, pronounce and spell diagnostic terms related to the musculoskeletal system. f. Define, pronounce and spell complementary terms related to the musculoskeletal system. g. Identify and define types of body movement. h. Interpret the meaning of abbreviations related to the musculoskeletal system. i. Apply medical language in clinical contexts. 	

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