Lakeshore Technical College

10-501-101 Medical Terminology

Course Outcome Summary

Course Information

Description	Focuses on the component parts of medical terms: prefixes, suffixes and word roots. You will 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.
Total Credits	3
Total Hours	54

Types of Instruction

Instruction Type	Credits/Hours
Classroom Presentation	3.00/54.00
Online	3.00/54.00
Blended	3.00/54

Textbooks

LaFleur Brooks. *Exploring Medical Language*. Edition: 10th. Publisher: Saunders/Elsevier. Year 2018. ISBN: 978-0-323-51164-3. Required

Please Note: There is an *online classroom access code* that is required for this class. If you purchase your textbook from the LTC bookstore, the access code is bundled with the textbook. If you purchase your book from any other source, that access code must be purchased separately. The LTC bookstore does have these codes available for purchase separate from the textbook bundle. You may also purchase the code directly from Evolve.
Another option available for you instead of purchasing the textbook is to check it out of the LTC library for the entire semester. However, you would still need to purchase the access code from either the LTC bookstore ($54.95) or directly from Elsevier ($42.00). There are 30 copies of the text available on a first come first sever basis from the library. If you go directly to Elsevier for the Adaptive Learning access code, the title is: Elsevier Adaptive Learning for Exploring Medical Language, 10th Edition.

Learner Supplies

Access to computer with *reliable* internet.

Core Abilities

1. Apply learning

Criteria
1.1. Learner transfers academic knowledge and principles to life and work situations
1.2. Learner incorporates prior learning
1.3. Learner knows when to ask for help
1.4. Learner demonstrates appropriate safety precautions
1.5. Learner identifies the need for lifelong learning
1.6. Learner develops the ability to research beyond the required work
1.7. Learner demonstrates a curiosity for learning about cultures, norms, and practices

2. Communicate effectively

Criteria
2.1. Learner comprehends written materials
2.2. Learner writes clearly, concisely, and accurately
2.3. Learner adjusts communication style in order to meet the needs of others
2.4. Learner demonstrates active listening skills
2.5. Learner uses culturally appropriate verbal and non-verbal communication methods

3. Demonstrate critical thinking

Criteria
3.1. Learner determines issues that merit action
3.2. Learner takes initiative in the problem solving processes
3.3. Learner makes decisions considering alternatives and consequences
3.4. Learner refines action plans based on evaluation of feedback
3.5. Learner identifies interdependencies of world issues & events

4. Integrate technology

Criteria
4.1. Learner determines which tasks can be performed more efficiently by using technology
4.2. Learner uses technology to perform tasks more efficiently
4.3. Learner adapts to changing/emerging technology
4.4. Learner selects culturally appropriate technology/tools to communicate with diverse groups

Course Competencies

1. Apply the rules of basic medical word structure

Linked Core Abilities
Apply learning
Communicate effectively
Demonstrate critical thinking
Integrate technology

Assessment Strategies
1.1. Written Exam
1.2. Class Participation

Criteria

You will know you are successful when:

1.1. learner provides definitions of medical terms.
1.2. learner applies the rules for building medical terms.
1.3. learner applies the rules for analyzing medical terms.
1.4. learner applies the rules for singular and plural forms.
1.5. learner applies the use of abbreviations.
1.6. learner applies the rules for spelling terms.
1.7. learner applies the rules for pronouncing terms.

Learning Objectives

1.a.   Describe the origins of medical language.
1.b.   Define two categories of medical terms.
1.c.   Identify and define the four word parts and the combining form.
1.d.   Analyze and define medical terms.
1.e.   Build medical terms for given definitions.

2.   Identify medical terms related to body structure, color, and oncology

Linked Core Abilities
Apply learning
Communicate effectively
Demonstrate critical thinking
Integrate technology

Assessment Strategies
2.1.   Written Exam
2.2.   Class Participation

Criteria

You will know you are successful when:

2.1.   learner applies the rules of medical language.
2.2.   learner identifies terms related to organization and structure of the body.
2.3.   learner identifies combining forms that describe color.
2.4.   learner identifies terms related to oncology.

Learning Objectives

2.a.   Pronounce anatomic structures of the human body.
2.b.   Define and spell word parts related to body structure, color, and oncology.
2.c.   Define, pronounce, and spell disease and disorder oncology terms.
2.d.   Define, pronounce, and spell body structure terms.
2.e.   Define, pronounce, and spell complementary terms related to body structure, color, and oncology.
2.f.   Identify and use singular and plural endings.
2.g.   Interpret the meaning of abbreviations related to body structure and oncology.
2.h.   Apply medical language in clinical contexts.

3.   Interpret directional terms related to planes, positions, regions, and quadrants

Linked Core Abilities
Apply learning
Communicate effectively

Assessment Strategies
3.1.   Written Exam
3.2.   Class Participation

Criteria

You will know you are successful when:

3.1.   learner applies the rules of medical language.
3.2.   learner identifies directional terms.
3.3.   learner identifies terms related to planes of the body.
3.4.   learner identifies terms related to positions of the body.
3.5.   learner identifies terms related to anatomical divisions.

Learning Objectives

3.a.   Define and spell word parts related to directional terms.
3.b.   Define, pronounce, and spell terms used to describe directions with respect to the body.
3.c.   Define, pronounce, and spell terms used to describe anatomic planes.
3.d.   Define, pronounce, and spell terms used to describe body positions.
3.e.   Define, pronounce, and spell terms used to describe abdominopelvic regions.
3.f.   Identify and spell the four abdominopelvic quadrants.
3.g.   Interpret the meaning of abbreviations presented in this chapter.

3.h.   Apply medical language in clinical contexts.

4.   Interpret medical terms related to the integumentary system

Linked Core Abilities
Apply learning
Communicate effectively

Assessment Strategies
4.1.   Written Exam
4.2.   Class Participation

Criteria

You will know you are successful when:
4.1.   learner applies the rules of medical language.
4.2.   learner interprets medical terms related to the structure and function of the integumentary system.
4.3.   learner interprets pathological terms related to the integumentary system.
4.4.   learner identifies the terms related to the diagnostic procedures of the integumentary system.
4.5.   learner identifies the terms related to the treatments of disorders of the integumentary system.

Learning Objectives
4.a.   Pronounce anatomic structures of the integumentary system.
4.b.   Define and spell word parts related to the integumentary system.
4.c.   Define, pronounce, and spell disease and disorder terms related to the integumentary system.
4.d.   Define, pronounce, and spell surgical terms related to the integumentary system.
4.e.   Define, pronounce, and spell complementary terms related to the integumentary system.
4.f.   Interpret the meaning of abbreviations related to the integumentary system.
4.g.   Apply medical language in clinical contexts.

5.   Interpret terms related to the respiratory system

Linked Core Abilities
Apply learning
Communicate effectively

Assessment Strategies
5.1.   Written Exam
5.2.   Class Participation

Criteria

You will know you are successful when:
5.1.   learner applies the rules of medical language.
5.2.   learner interprets medical terms related to the structure and function of the respiratory system.
5.3.   learner interprets pathological terms related to the respiratory system.
5.4.   learner identifies the terms related to the diagnostic procedures of the respiratory system.
5.5.   learner identifies the terms related to the treatments of disorders of the respiratory system.

Learning Objectives
5.a.   Pronounce organs and anatomic structures of the respiratory system.
5.b.   Define and spell word parts related to the respiratory system.
5.c.   Define, pronounce, and spell disease and disorder terms related to the respiratory system.
5.d.   Define, pronounce, and spell surgical terms related to the respiratory system.
5.e.   Define, pronounce, and spell diagnostic terms related to the respiratory system.
5.f.   Define, pronounce, and spell complementary terms related to the respiratory system.
5.g.   Interpret the meaning of abbreviations related to the respiratory system.
5.h.   Apply medical language in clinical contexts.

6.   Interpret terms related to the urinary system

Linked Core Abilities
Apply learning
Communicate effectively

Assessment Strategies

6.1.   Written Exam
6.2.   Class Participation

Criteria

You will know you are successful when:
6.1.   learner applies the rules of medical language.
6.2.   learner interprets medical terms related to the structure and function of the urinary system.
6.3.   learner interprets pathological terms related to the urinary system.
6.4.   learner identifies the terms related to the diagnostic procedures of the urinary system.
6.5.   learner identifies the terms related to the treatments of disorders of the urinary system.

Learning Objectives
6.a.   Pronounce organs and anatomic structures of the urinary system.
6.b.   Define and spell word parts related to the urinary system.
6.c.   Define, pronounce, and spell disease and disorder terms related to the urinary system.
6.d.   Define, pronounce, and spell surgical terms related to the urinary system.
6.e.   Define, pronounce, and spell diagnostic terms related to the urinary system.
6.f.   Define, pronounce, and spell complementary terms related to the urinary system.
6.g.   Interpret the meaning of abbreviations related to the urinary system.
6.h.   Apply medical language in clinical contexts.

7.   Interpret medical terms related to the male reproductive system

Linked Core Abilities
Apply learning
Communicate effectively

Assessment Strategies
7.1.   Written Exam
7.2.   Class Participation

Criteria

You will know you are successful when:
7.1.   learner applies the rules of medical language.
7.2.   learner interprets medical terms related to the structure and function of the male reproductive system.
7.3.   learner interprets pathological terms related to the male reproductive system.
7.4.   learner identifies the terms related to the diagnostic procedures of the male reproductive system.
7.5.   learner identifies the terms related to the treatments of disorders of the male reproductive systems.

Learning Objectives
7.a.   Pronounce organs and anatomic structures of the male reproductive system.
7.b.   Define and spell word parts related to the male reproductive system.
7.c.   Define, pronounce, and spell disease and disorder terms related to the male reproductive system.
7.d.   Define, pronounce, and spell surgical terms related to the male reproductive system.
7.e.   Define, pronounce, and spell diagnostic terms related to the male reproductive system.
7.f.   Define, pronounce, and spell complementary terms related to the male reproductive system.
7.g.   Interpret the meaning of abbreviations related to the male reproductive system.
7.h.   Apply medical language in clinical contexts.

8.   Interpret medical terms related to the female reproductive system

Linked Core Abilities
Apply learning
Communicate effectively

Assessment Strategies
8.1.   Written Exam
8.2.   Class Participation

Criteria

You will know you are successful when:
8.1.   learner applies the rules of medical language.

8.2.   learner interprets medical terms related to the structure and function of the female reproductive system.
8.3.   learner interprets pathological terms related to the female reproductive system.
8.4.   learner identifies the terms related to the diagnostic procedures of the female reproductive system.
8.5.   learner identifies the terms related to the treatments of disorders of the female reproductive systems.

Learning Objectives

8.a.   Pronounce organs and anatomic structures of the female reproductive system.
8.b.   Define and spell word parts related to the female reproductive system.
8.c.   Define, pronounce, and spell disease and disorder terms related to the female reproductive system.
8.d.   Define, pronounce, and spell surgical terms related to the female reproductive system.
8.e.   Define, pronounce, and spell diagnostic terms related to the female reproductive system.
8.f.   Define, pronounce, and spell complementary terms related to the female reproductive system.
8.g.   Interpret the meaning of abbreviations related to the female reproductive system.
8.h.   Apply medical language in clinical contexts.

9.   Interpret terms related to obstetrics and neonatology

Linked Core Abilities
Apply learning
Communicate effectively

Assessment Strategies
9.1.   Written Exam
9.2.   Class Participation

Criteria

You will know you are successful when:

9.1.   learner applies the rules of medical language.
9.2.   learner interprets medical terms related to obstetrics and neonatology.
9.3.   learner interprets pathological terms related to obstetrics and neonatology.
9.4.   learner identifies the terms related to the diagnostic procedures of obstetrics and neonatology.
9.5.   learner identifies the terms related to the treatments of disorders of obstetrics and neonatology.

Learning Objectives

9.a.   Pronounce organs and anatomic structures relating to pregnancy.
9.b.   Define and spell word parts related to obstetrics and neonatology.
9.c.   Define, pronounce, and spell disease and disorder terms related to obstetrics and neonatology.
9.d.   Define, pronounce, and spell surgical and diagnostic terms related to obstetrics.
9.e.   Define, pronounce, and spell complementary terms related to obstetrics and neonatology.
9.f.   Interpret the meaning of abbreviations related to obstetrics and neonatology.
9.g.   Apply medical language in clinical contexts.

10.   Interpret terms related to the cardiovascular , immune, and lymphatic systems, and blood

Linked Core Abilities
Apply learning

Assessment Strategies
10.1.   Written Exam
10.2.   Class Participation

Criteria

You will know you are successful when:

10.1.   learner applies the rules of medical language.
10.2.   learner interprets medical terms related to the structure and function of the cardiovascular, immune, and lymphatic systems, and blood.
10.3.   learner interprets pathological terms related to the cardiovascular, immune, and lymphatic systems, and blood.
10.4.   learner identifies the terms related to the diagnostic procedures of the cardiovascular, immune, and lymphatic systems, and blood.
10.5.   learner identifies the terms related to the treatments of disorders of the cardiovascular, immune, and lymphatic systems, and blood.

Learning Objectives

10.a.   Pronounce organs and anatomic structures.
10.b.   Define and spell word parts.
10.c.   Define, pronounce, and spell disease and disorder terms related to the cardiovascular and lymphatic systems and blood.
10.d.   Define, pronounce, and spell surgical terms related to the cardiovascular and lymphatic systems and blood.
10.e.   Define, pronounce, and spell diagnostic terms related to the cardiovascular system and blood.
10.f.   Define, pronounce, and spell complementary terms related to the cardiovascular and immune systems and blood.
10.g.   Interpret the meaning of abbreviations presented in the chapter.
10.h.   Apply medical language in clinical contexts.

11.   Interpret terms related to the digestive system

Linked Core Abilities
Apply learning
Communicate effectively

Assessment Strategies
11.1.   Written Exam
11.2.   Class Participation

Criteria

You will know you are successful when:

11.1.   learner applies the rules of medical language.
11.2.   learner interprets medical terms related to the structure and function of the digestive system.
11.3.   learner interprets pathological terms related to the digestive system.
11.4.   learner identifies the terms related to the diagnostic procedures of the digestive system.
11.5.   learner identifies the terms related to the treatments of disorders of the digestive system.

Learning Objectives
11.a.   Pronounce organs and anatomic structures of the digestive system.
11.b.   Define and spell word parts related to the digestive system.
11.c.   Define, pronounce, and spell disease and disorder terms related to the digestive system.
11.d.   Define, pronounce, and spell surgical terms related to the digestive system.
11.e.   Define, pronounce, and spell diagnostic terms related to the digestive system.
11.f.   Define, pronounce, and spell complementary terms related to the digestive system.
11.g.   Interpret the meaning of abbreviations related to the digestive system.
11.h.   Apply medical language in clinical contexts.

12.   Interpret terms related to sense organs: the eye and the ear

Linked Core Abilities
Apply learning
Communicate effectively

Assessment Strategies
12.1.   Written Exams
12.2.   Class Participation

Criteria

You will know you are successful when:

12.1.   learner applies the rules of medical language.
12.2.   learner interprets medical terms related to the structure and function of the eye and ear.
12.3.   learner interprets pathological terms related to the eye and ear.
12.4.   learner identifies the terms related to the diagnostic procedures of the eye and ear.
12.5.   learner identifies the terms related to the treatments of disorders of the eye and ear.

Learning Objectives
12.a.   Pronounce organs and anatomic structures of the eye and ear.
12.b.   Define and spell word parts related to the eye and ear.

12.c.   Define, pronounce, and spell disease and disorder terms related to the eye and ear.
12.d.   Define, pronounce, and spell surgical terms related to the eye and ear.
12.e.   Define, pronounce, and spell diagnostic terms related to the eye and ear.
12.f.   Define, pronounce, and spell complementary terms related to the eye and ear.
12.g.   Interpret the meaning of abbreviations related to the eye and ear.
12.h.   Apply medical language in clinical contexts.

13.   Interpret terms related to the musculoskeletal system

Linked Core Abilities
Apply learning
Communicate effectively

Assessment Strategies
13.1.   Written Exam
13.2.   Class Participation

Criteria

You will know you are successful when:
13.1.   learner applies the rules of medical language.
13.2.   learner interprets medical terms related to the structure and function of the musculoskeletal system.
13.3.   learner interprets pathological terms related to the musculoskeletal system.
13.4.   learner identifies the terms related to the diagnostic procedures of the musculoskeletal system.
13.5.   learner identifies the terms related to the treatments of disorders of the musculoskeletal system.

Learning Objectives
13.a.   Pronounce anatomic structures of the musculoskeletal system.
13.b.   Define and spell word parts related to the musculoskeletal system.
13.c.   Define, pronounce, and spell disease and disorder terms related to the musculoskeletal system.
13.d.   Define, pronounce, and spell surgical terms related to the musculoskeletal system.
13.e.   Define, pronounce, and spell diagnostic terms related to the musculoskeletal system.
13.f.   Define, pronounce, and spell complementary terms related to the musculoskeletal system.
13.g.   Identify and define types of body movement.
13.h.   Interpret the meaning of abbreviations related to the musculoskeletal system.
13.i.   Apply medical language in clinical contexts.

14.   Interpret terms related to the nervous system and behavioral health

Linked Core Abilities
Apply learning
Communicate effectively

Assessment Strategies
14.1.   Written Exam
14.2.   Class Participation

Criteria

You will know you are successful when:
14.1.   learner applies the rules of medical language.
14.2.   learner interprets medical terms related to the structure and function of the nervous system.
14.3.   learner interprets pathological terms related to the nervous system.
14.4.   learner identifies the terms related to the diagnostic procedures of the nervous system.
14.5.   learner identifies the terms related to the treatments of disorders of the nervous system.

Learning Objectives
14.a.   Pronounce organs and anatomic structures of the nervous system.
14.b.   Define and spell word parts related to the nervous system.
14.c.   Define, pronounce, and spell disease and disorder terms related to the nervous system.
14.d.   Define, pronounce, and spell surgical terms related to the nervous system.
14.e.   Define, pronounce, and spell diagnostic terms related to the nervous system.
14.f.   Define, pronounce, and spell complementary terms related to the nervous system.
14.g.   Define, pronounce, and spell behavioral health terms.
14.h.   Interpret the meaning of abbreviations relate to the nervous system and behavioral health.

14.i.   Apply medical language in clinical contexts.

15.   Interpret terms related to the endocrine system

Linked Core Abilities
Apply learning
Communicate effectively

Assessment Strategies
15.1.   Written Exam
15.2.   Class Participation

Criteria

You will know you are successful when:
15.1.   learner applies the rules of medical language.
15.2.   learner interprets medical terms related to the structure and function of the endocrine system.
15.3.   learner interprets pathological terms related to the endocrine system.
15.4.   learner identifies the terms related to the diagnostic procedures of the endocrine system.
15.5.   learner identifies the terms related to the treatments of disorders of the endocrine system.

Learning Objectives
15.a.   Pronounce glands and hormones of the endocrine system.
15.b.   Define and spell word parts related to the endocrine system.
15.c.   Define, pronounce, and spell disease and disorder terms related to the endocrine system.
15.d.   Define, pronounce, and spell surgical terms related to the endocrine system.
15.e.   Define, pronounce, and spell diagnostic terms related to the endocrine system.
15.f.   Define, pronounce, and spell complementary terms related to the endocrine system.
15.g.   Interpret the meaning of abbreviations related to the endocrine system.
15.h.   Apply medical language in clinical contexts.