

HIM 290 Medical Terminology

Instructor:

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Contact Information: The best way to contact me is either through email at jan.hunt-shepherd@wku.edu or during my posted office hours, which can be located under "Instructor Information" on Blackboard. If contacting me by email, I will make every effort to respond within 24 hours.

Credit Hours:

2 semester hours

Course Description:

This course is designed to acquaint the student with the specialized language of medicine and to develop communication skills in areas where use of medical terms is necessary and appropriate.

Required Content Subscription:

REGISTER FOR a FREE CENGAGE MINDTAP SUBSCRIPTION. ACCESS ONLINE THROUGH WKU BLACKBOARD HIM 290 COURSE. AN ELECTRONIC BOOK IS AVAILABLE WITH THE MINDTAP SUBSCRIPTION.

**FREE SUBSCRIPTION: MindTap Only- Ehrlich/Schroeder/Ehrlich/ Schroeder - MindTap Medical Terminology, Printed Access Card for Ehrlich/Schroeder/Ehrlich/Schroeder's Medical Terminology for Health Professions, 8th
9781337106993:**

FOR HELP REGISTERING AND LEARNING ABOUT MINDTAP VISIT: [START STRONG CENGAGE WEBPAGE](#)

Though not required, you may purchase one of the following:

[Taber's Cyclopedic Medical Dictionary](#)

[Dorland's Illustrated Medical Dictionary](#)

[Stedman's Pocket Medical Dictionary](#)

Course Format: This course is completely on-line using the Blackboard Learning Management System and Cengage Mindtap; you are required to use a computer with Internet access and audio/microphone capability (speakers). For those of you who are new to Blackboard, if you would like information on using Blackboard click Tools in the Menu on the left of Blackboard.

Due Dates:

This class has six mandatory due dates. See the schedule below for the deadlines. Make them on a calendar or in your phone calendar. Please refer to the Blackboard course site for further information (blackboard.wku.edu). There will be no exceptions to these deadlines. See schedule below for additional information.

Examinations:

There are two exams: a mid-term examination (chapters 1-7, 75 Questions), and a comprehensive final examination (Chapters 1-14, 75 Questions). You will have only one attempt to take each of these.

Activities:

Once completed, your grades will be linked with the Blackboard Grade Book. Each chapter contains a practice "Reality Check" and "Study Time" that do not count toward your grade but are learning tools. Each chapter will also contain mandatory graded assignments including "Check Yourself", "Quick Checks", "Image Labeling (in some modules)", "Chapter Pronounce", "Apply Yourself: Learning lab" and a "Test Yourself" quiz. After chapter 2 there is also a module "Word Part Review" that must be completed.

Student Responsibility:

When completing work on MindTap, it is the responsibility of the student to make sure the grades are also listed in your Blackboard Grade Center. If you have completed one of these assignments and the grade is not posted or the assignment does not show it as completed, please contact me immediately. Once deadlines have passed or final course grades are posted, there will be NO allowances made for missing grades on assignments.

Should you experience technical problems, please notify me as soon as possible. Please do not wait until close to deadlines to complete the assignments. Should technical issues occur, there may not be enough turnaround time to reset your assignment.

Grading Scale:

The following grading system will be used:

90% - 100%	A
80% - 89%	B
70% - 79%	C
60% - 69%	D
0% - 59%	F

Graded: Activities/Assignments (Check Yourself, Quick checks, Image Labeling, Chapter Pronounce, Apply Yourself: Learning lab, "Word Part Review", and "Word Part Post-Test", "Test Yourself" Quizzes))- Graded activities that count toward class grade show on Mindtap as "Counts Towards Grade". Note: Reality Checks and Study Time Activities are for practice and do not count toward grade.	1604
Mid-term	150 points
Final	150 points
TOTAL POSSIBLE	1904 points

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To calculate your ongoing grade in the class, divide the points you receive by total possible points for what you have completed.

Instructional Methods:

Subscription content readings and lectures, assignments, student resource online activities and practice exercises at the end of each chapter.

Objectives:

At the conclusion of this course, the student should be able to meet the following competencies. Refer to the end of this syllabus for more detailed objectives.

1. Analyze how medical terms are built using common word parts
2. Properly spell, define, and pronounce medical terms associated with each of the major body systems
3. Identify and define the word parts most frequently associated with the major body systems
4. Interpret common abbreviations used in medical terminology and cautions to remember when using them

Curricular Components:

At the conclusion of this course, the student should be able to meet the following 2018 *CAHIIM Baccalaureate Degree Competencies at the indicated taxonomic level:

•Supporting Body of Knowledge

- Medical Terminology

*Commission on Accreditation of Health Informatics and Information Management Education-CAHIIM.org

Academic Misconduct: (Information below on Academic Misconduct, along with additional information, can be obtained from

<https://www.wku.edu/studentconduct/process-for-academic-dishonesty.php>)

The University expects students to operate with the highest standard of integrity in all facets of the collegiate experience. Broadly defined, academic misconduct is any unethical self-serving action in the performance of an academic activity, deliberate or unintentional, that affords a student an unfair, unearned, or undeserved advantage. (Excerpt from the WKU Student Handbook, 2016)

The maintenance of academic integrity is of fundamental importance to the University. Thus it should be clearly understood that acts of plagiarism or any other form of cheating will not be tolerated and that anyone committing such acts will be held accountable for violation of the student code of conduct.

Students who commit any act of academic dishonesty may receive from the instructor a failing grade in that portion of the course work in which the act is detected or a failing grade in a course without possibility of withdrawal. The faculty member may also present the case to the Office of Student Conduct.

Dishonesty

Such as cheating, plagiarism, misrepresenting of oneself or an organization, knowingly furnishing false information to the University, or omitting relevant or necessary information to gain a benefit, to injure, or to defraud is prohibited.

Cheating

No student shall receive or give assistance not authorized by the instructor in taking an examination or in the preparation of an essay, laboratory report, problem assignment or other project which is submitted for purposes of grade determination.

Plagiarism

To represent written work taken from another source as one's own is plagiarism. Plagiarism is a serious act. The academic work of a student must be his/her own. One must give any author credit for source material borrowed from him/her. To lift content directly from a source without giving credit is a flagrant act. To present a borrowed passage without reference to the source after having changed a few words is also plagiarism.

Examples of Areas Where Academic Misconduct Most Likely Occurs

"Essentially, students are expected to do work that is assigned to them and submit products that represent personal and individual effort only."

1. In an exam setting

a. Presenting as your work, test answers that are not your work, including the following:

i. Using resources other than those specifically allowed by the instructor (e.g., notes or another person)

ii. Copying from another student's test

ii. Using notes from any source during a test when notes are not allowed

iv. Using materials that the instructor is not making available to the whole class (Exception: students with disabilities needing accommodations)

v. Recycling an assignment that has been used in another course (unless approved by the instructor)

b. Acquiring a copy of the exam without permission

*c. Providing answers for or soliciting answers from another student with or without permission of the other student
(Note: This may either be an attempt to help or harm the targeted student)*

2. On a written assignment

a. Presenting as your own work duplicated work that you did not create

i. Purchasing written work from an external source

ii. Copying work from a free external source (online or otherwise)

iii. Presenting as your work something another person has created

b. Altering text from another source

i. Altering select words of some original text in order to conceal plagiarism

3. Academic dishonesty that is possible in various settings

a. Providing money or favors in order to gain academic advantage

b. Falsely stating that work was given to the instructor at a certain time when it was not

c. Correcting the responses of a graded assignment and presenting them to the instructor as incorrectly graded material

d. Pretending to be someone you are not; taking the place of another

4. Or any other behavior that violates the basic principles of integrity and honesty

(Above information was an Excerpt from the Academic Integrity Statement Ad Hoc Subcommittee on Academic Integrity in the College of Education and Behavioral Sciences, 2012)

Program Policies state that "Unprofessional conduct or violation of the rules, regulations or policies of the University or Health Information Management Program may result in dismissal from the program."

Cheating:

I expect each student to submit their own work. Sharing your work, assignments, project, or answers with another student or receiving the information from another student constitutes cheating. Any student found to have shared information or obtained information from another student or other source will receive a 0% on that assignment and it may result in dismissal from the program.

Plagiarism

I expect each student to submit their own work or give credit to the appropriate source.

Any student found to have plagiarized work from another source will receive a 0% on that assignment and it may result in dismissal from the program.

Title IX Misconduct/Assault Statement:

Western Kentucky University (WKU) is committed to supporting faculty, staff and students by upholding WKU's Title IX Sexual Misconduct/Assault Policy (#0.2070) at <https://wku.edu/eoo/documents/titleix/wkutitleixpolicyandgrievanceprocedure.pdf> and

Discrimination and Harassment Policy (#0.2040) at https://wku.edu/policies/hr_policies/2040_discrimination_harassment_policy.pdf.

Under these policies, discrimination, harassment and/or sexual misconduct based on sex/gender are prohibited. If you experience an incident of sex/gender-based discrimination, harassment and/or sexual misconduct, you are encouraged to report it to the Title IX Coordinator, Andrea Anderson, 270-745-5398 or Title IX Investigators, Michael Crowe, 270-745-5429 or Joshua Hayes, 270-745-5121.

*Please note that while you may report an incident of sex/gender based discrimination, harassment and/or sexual misconduct to a faculty member, WKU faculty are "Responsible Employees" of the University and **MUST** report what you share to WKU's Title IX Coordinator or Title IX Investigator. If you would like to speak with someone who may be able to afford you confidentiality, you may contact WKU's Counseling and Testing Center at 270-745-3159.*

ADA Accommodation Statement:

In compliance with University policy, students with disabilities who require academic and/or auxiliary accommodations for this course must contact the Student Accessibility Resource Center located in Downing Student Union, 1074. SARC can be reached by phone number at 270-745-5004 [270-745-3030 TTY] or via email at sarc.connect@wku.edu. Please do not request accommodations directly from the professor or instructor without a faculty notification letter (FNL) from The Student Accessibility Resource Center.

Food Security: Food insecurity is defined as a condition where persons, in this case students, do not have adequate resources to feed themselves, either nutritiously or not at all (USDA, 2013). According to a recent national study (Hunger on Campus, 2016), food insecurity is common at colleges and universities across the country, potentially undermining the educational success of untold thousands of students. If food insecurity is an issue you, or someone you know, help is readily available. Contact the WKU Office of Sustainability at (270) 745-2508 or email sustainability@wku.edu.

Emotional Support: WKU offers confidential counseling for students at the WKU Counseling Center. The best way to schedule an appointment is to visit their office in Potter Hall, Room 409 or by calling their office at 270-745-3159. They are open Monday - Friday from 8:00am - 4:30pm. For emergency and after-hours information, call 270-745-3159

WKU Syllabus Statement:

All students are strongly encouraged to [get the COVID-19 vaccine](#). Out of respect for the health and safety of the WKU community and in adherence with CDC guidelines and practices of all public universities and colleges in [Kentucky](#), the University requires that a cloth face covering (reusable or disposable) that covers both the nose and mouth must be worn at all times when in public areas within all buildings. Students must properly wear face coverings while in class regardless of the room size or the nature of the classroom activities. Students who fail to wear a face covering as required will be in violation of the WKU Student Code of

Conduct and will be asked to comply or will face disciplinary action, including possible dismissal from the University. Accommodations can be requested in special cases through the Student Accessibility and Resource Center ([SARC](#)): [270-745-5004](tel:270-745-5004) (voice), [270-745-3030](tel:270-745-3030) (TTY), or [270-288-0597](tel:270-288-0597) (video).

All students must immediately report a positive Covid-19 test result or close contact with a person who has tested positive to the Covid-19 Assistance Line at 270-745-2019. The assistance line is available to answer questions regarding any Covid-19 related issue. This guidance is subject to change based on requirements set forth by public health agencies or the office of the governor. Please refer to the Healthy on the Hill website for the most current information. www.wku.edu/healthyonthehill

Revision: 8/2021

CLASS SCHEDULE

The class requires self-motivation!!!! There are six mandatory due dates listed below. Other weeks also include a recommendation time frame for completion so you stay on pace with chapters.

<u>WEEK</u>	<u>TOPIC</u>	<u>ASSIGNMENT (Only activities on Mindtap that state "Count Towards Grade" count towards your class grade.</u>
Week 1	Introduction to Medical Terminology	<p>Read syllabus and course Welcome and Orientation information on Blackboard. Access Cengage Mindtap subscription through Blackboard HIM 290 site or through the WKU Store.</p> <p>Complete Learn How to Use Pronounce! And Chapter 1 activities:</p> <ul style="list-style-type: none"> -Read chapter 1 in online electronic book (book can be located as a blue book icon on right of Mindtap page or follow along reviewing book as it is integrated in assignments). -Complete Mindtap Activities Chapter 1 <p>DUE DATE: Monday, AUGUST 30th, by 5:00 pm</p>
Week 2	The Human Body in Health and Diseases	<ul style="list-style-type: none"> -Read chapter 2 in online electronic book - Complete Mindtap Activities Chapter 2
Week 3	The Skeletal System	<ul style="list-style-type: none"> -Read chapter 3 in online electronic book -Complete Mindtap Activities Chapter 3

Week 4	The Muscular System	-Read chapter 4 in online electronic book -Complete Mindtap Activities Chapter 4 Due date: Chapters 2-4: Thursday, September 16th
Week 5	The Cardiovascular System	-Read chapter 5 in online electronic book -Complete Mindtap Activities- Chapter 5
Week 6	The Lymphatic and Immune Systems	-Read chapter 6 in online electronic book -Complete Mindtap Activities- Chapter 6
Week 7	The Respiratory System	-Read chapter 7 in online electronic book -Complete Mindtap Activities- Chapter 7
Week 8	MIDTERM EXAM	All course work for chapters 5-7 and the MIDTERM EXAM must be completed by this date DUE DATE: Wednesday, October 13, at 5:00 PM
Week 9	The Digestive System	-Read chapter 8 in online electronic book -Complete Mindtap Activities- Chapter 8
Week 10	The Urinary System	-Read chapter 9 in online electronic book -Complete Mindtap Activities- Chapter 9
Week 11	The Nervous System and Mental Health Special Senses: The Eyes and Ears	-Read chapters 10 and 11 in online electronic book -Complete Mindtap Activities- Chapter 10 and 11
Week 12	The Skin (Integumentary) System	-Read chapter 12 in online electronic book -Complete Mindtap Activities- Chapter 12 DUE DATE: Chapters 8-12: Thursday, November 11th

Week 13	The Endocrine System	-Read chapter 13 in online electronic book -Complete Mindtap Activities- Chapter 13
Week 14	The Reproductive System	-Read chapter 14 in online electronic book -Complete Mindtap Activities- Chapter 14
Week 15	Diagnostic Procedures, Nuclear Medicine, and Pharmacology	-Read chapter 14 and 15 in online electronic book -Complete Mindtap Activities- Chapter 14 and 15 DUE DATE: Chapter 13-15, Thursday, December 2
Week 16	FINAL EXAM (See mandatory Due Date on Blackboard Announcements)	Complete Final Examination (includes chapters 1-14- not 15) DUE DATE: MONDAY December 6th at 5:00pm

Revised 8/2021

Course Content:

Chapter 1:

1. Primary Medical Terms
2. Word Parts Are the Key
3. Word Roots
4. Suffixes
5. Prefixes
6. Determining Meanings on the Basis of Word Parts
7. Medical Dictionary Use
8. Pronunciation
9. Spelling Is Always Important
10. Singular and Plural Endings
11. Basic Medical Terms to Describe Diseases
12. Look-Alike, Sound-Alike Terms and Word Parts
13. Using Abbreviations

Chapter 2:

1. Anatomic Reference Systems
2. Structures of the Body
3. Cells
4. Genetics
5. Tissues
6. Glands
7. Body Systems and Related Organs
8. Pathology
9. Aging and Death
10. Health Care Professionals
11. Abbreviations Related to the Human Body in Health and Disease

Chapter 3:

1. Structures and Functions of the Skeletal System
2. The Structure of Bones
3. The Skeleton
4. Medical Specialties Related to the Skeletal System
5. Pathology of the Skeletal System
6. Diagnostic Procedures of the Skeletal System
7. Treatment Procedures of the Skeletal System
8. Abbreviations Related to the Skeletal System

Chapter 4:

1. Functions of the Muscular System
2. Structures of the Muscular System
3. Types of Muscle Tissue
4. Muscle Contraction and Relaxation
5. Contrasting Muscle Motion
6. How Muscles Are Named
7. Select Muscles and Their Functions

8. Medical Specialties Related to the Muscular System
9. Pathology of the Muscular System
10. Diagnostic Procedures of the Muscular System
11. Treatment Procedures of the Muscular System
12. Abbreviations Related to the Muscular System

Chapter 5:

1. Functions of the Cardiovascular System
2. Structures of the Cardiovascular System
3. The Blood Vessels
4. Blood
5. Medical Specialties Related to the Cardiovascular System
6. Pathology of the Cardiovascular System
7. Diagnostic Procedures of the Cardiovascular System
8. Treatment Procedures of the Cardiovascular System
9. Abbreviations Related to the Cardiovascular System

Chapter 6:

1. Functions of the Lymphatic System
2. Structures of the Lymphatic System
3. Additional Structures of the Lymphatic System
4. Functions and Structures of the Immune System
5. Medical Specialties Related to the Lymphatic and Immune Systems
6. Pathology and Diagnostic Procedures of the Lymphatic System
7. Pathology and Diagnostic Procedures of the Immune System
8. Treatment of the Immune System
9. Pathogenic Organisms
10. Oncology
11. Cancer Treatments
12. Abbreviations Related to the Lymphatic and Immune Systems

Chapter 7:

1. Functions of the Respiratory System
2. Structures of the Respiratory System
3. Respiration
4. Medical Specialties Related to the Respiratory System
5. Pathology of the Respiratory System
6. Upper Respiratory Diseases
7. Diagnostic Procedures of the Respiratory System
8. Treatment Procedures of the Respiratory System
9. Abbreviations Related to the Respiratory System

Chapter 8:

1. Structures of the Digestive System
2. Digestion
3. Medical Specialties Related to the Digestive System
4. Pathology of the Digestive System
5. Diagnostic Procedures of the Digestive System

6. Treatment Procedures of the Digestive System
7. Abbreviations Related to the Digestive System

Chapter 9:

1. Functions of the Urinary System
2. Structures of the Urinary System
3. The Excretion of Urine
4. Medical Specialties Related to the Urinary System
5. Pathology of the Urinary System
6. Diagnostic Procedures of the Urinary System
7. Treatment Procedures of the Urinary System
8. Abbreviations Related to the Urinary System

Chapter 10:

1. Functions of the Nervous System
2. Structures of the Nervous System
3. The Central Nervous System
4. The Peripheral Nervous System
5. The Autonomic Nervous System
6. Medical Specialties Related to the Nervous System and Mental Health
7. Pathology of the Nervous System
8. Diagnostic Procedures of the Nervous System
9. Treatment Procedures of the Nervous System
10. Mental Health
11. Abbreviations Related to the Nervous System

Chapter 11:

1. Functions of the Eyes
2. Structures of the Eyes
3. Medical Specialties Related to the Eyes and Vision
4. Pathology of the Eyes and Vision
5. Diagnostic Procedures for Vision and the Eyes
6. Treatment Procedures of the Eyes and Vision
7. Functions of the Ears
8. Structures of the Ears
9. Medical Specialties Related to the Ears and Hearing
10. Pathology of the Ears and Hearing
11. Diagnostic Procedures of the Ears and Hearing
12. Treatment Procedures of the Ears and Hearing
13. Abbreviations Related to the Special Senses

Chapter 12:

1. Functions of the Integumentary System
2. The Structures of the Skin and Its Related Structures
3. Medical Specialties Related to the Integumentary System
4. Pathology of the Integumentary System
5. Diagnostic Procedures of the Integumentary System
6. Treatment Procedures of the Integumentary System

7. Abbreviations Related to the Integumentary System

Chapter 13:

1. Functions of the Endocrine System
2. Structures of the Endocrine System
3. The Pituitary Gland
4. The Pineal Gland
5. The Thyroid Gland
6. The Parathyroid Glands
7. The Thymus
8. The Pancreas (Pancreatic Islets)
9. The Adrenal Glands
10. The Gonads
11. Medical Specialties Related to the Endocrine System
12. Pathology of the Endocrine System
13. Diagnostic Procedures Related to the Endocrine System
14. Treatment Procedures Related to the Endocrine System
15. Abbreviations Related to the Endocrine System

Chapter 14:

1. Terms Related to the Reproductive Systems of Both Sexes
2. Functions of the Male Reproductive System
3. Structures of the Male Reproductive System
4. Medical Specialties Related to the Male Reproductive System
5. Pathology of the Male Reproductive System
6. Diagnostic Procedures of the Male Reproductive System
7. Treatment Procedures of the Male Reproductive System
8. Sexually Transmitted Diseases
9. Functions of the Female Reproductive System
10. Structures of the Female Reproductive System
11. Terms Related to Pregnancy and Childbirth
12. Medical Specialties Related to the Female Reproductive System and Childbirth
13. Pathology of the Female Reproductive System
14. Pathology of Pregnancy and Childbirth
15. Diagnostic Procedures of the Female Reproductive System
16. Treatment Procedures of the Female Reproductive System
17. Abbreviations Related to the Reproductive Systems

Chapter 15:

1. Diagnostic Procedures
2. Recumbent Examination Positions
3. Laboratory Tests
4. Endoscopy
5. Centesis
6. Imaging Techniques
7. Barium
8. Nuclear Medicine
9. Pharmacology

10. Complementary and Alternative Medicine

11. Abbreviations Related to Diagnostic Procedures, Nuclear Medicine, and Pharmacology

Course Objectives:

Chapter 1:

1. Identify the roles of the four types of word parts used in forming medical terms.
2. Use your knowledge of word parts to analyze unfamiliar medical terms.
3. Describe the steps in locating a term in a medical dictionary or online resource.
4. Define the commonly used word roots, combining forms, suffixes, and prefixes introduced in chapter.
5. Use the “sounds-like” pronunciation system and audio files to correctly pronounce the primary terms introduced in chapter.
6. Recognize the importance of spelling medical terms correctly.
7. State why caution is important when using abbreviations.
8. Recognize, define, spell, and correctly pronounce the primary terms introduced in chapter.

Chapter 2:

1. Define anatomy and physiology and the uses of anatomic reference systems to identify the anatomic position plus body planes, directions, and cavities.
2. Recognize, define, spell and pronounce the primary terms related to cells and genetics.
3. Recognize, define, spell, and pronounce the primary terms related to the structure, function, pathology, and procedures of tissues and glands.
4. Identify the major organs and functions of the body systems.
5. Recognize, define, spell and pronounce the primary terms used to describe pathology, the modes of transmission, and the types of diseases.

Chapter 3:

1. Identify and describe the major functions and structures of the skeletal system.
2. Describe three types of joints.
3. Differentiate between the axial and appendicular skeletons.
4. Identify the medical specialists who treat disorders of the skeletal system.
5. Recognize, define, spell, and pronounce the primary terms related to the pathology and the diagnostic and treatment procedures of the skeletal system.

Chapter 4:

1. Describe the functions and structures of the muscular system, including muscle fibers, fascia, tendons, and the three types of muscle.
2. Recognize, define, pronounce, and spell the primary terms related to muscle movements, and explain how the muscles are named.
3. Recognize, define, pronounce, and spell the primary terms related to the pathology and the diagnostic and treatment procedures of the muscular system.

Chapter 5:

1. Describe the heart in terms of chambers, valves, blood flow, heartbeat, and blood supply.

2. Differentiate among the three different types of blood vessels, and describe the major function of each.
3. Identify the major components of blood and the major functions of each component.
4. State the difference between the pulmonary and systemic circulation.
5. Recognize, define, spell, and pronounce the primary terms related to the pathology and the diagnostic and treatment procedures of the cardiovascular system.

Chapter 6:

1. Describe the major functions and structures of the lymphatic and immune systems.
2. Identify the medical specialists who treat disorders of the lymphatic and immune systems.
3. Recognize, define, spell, and pronounce the primary terms related to the structures, functions, pathology, and diagnostic and treatment procedures of the lymphatic and immune systems.
4. Recognize, define, spell, and pronounce the primary terms related to oncology. (Although cancer can attack any body system, oncology is covered in this chapter.)

Chapter 7:

1. Describe the major functions of the respiratory system.
2. Name and describe the structures of the respiratory system.
3. Recognize, define, spell, and pronounce the primary terms related to the pathology and the diagnostic and treatment procedures of the respiratory system.

Chapter 8:

1. Identify and describe the major structures and functions of the digestive system.
2. Describe the processes of digestion, absorption, and metabolism.
3. Recognize, define, spell, and pronounce the primary terms related to the pathology and the diagnostic and treatment procedures of the digestive system.

Chapter 9:

1. Identify and describe the major functions and structures of the urinary system.
2. Identify the medical specialists who treat disorders of the urinary system.
3. Recognize, define, spell, and pronounce the primary terms related to the pathology and the diagnostic and treatment procedures of the urinary system.

Chapter 10:

1. Describe the functions and structures of the nervous system.
2. Identify the major divisions of the nervous system, and describe the structures of each by location and function.
3. Identify the medical specialists who treat disorders of the nervous system.
4. Recognize, define, spell, and pronounce the primary terms related to the pathology and the diagnostic and treatment procedures of the nervous system.
5. Recognize, define, spell, and pronounce the primary terms related to the pathology and the diagnostic and treatment procedures of mental health disorders.

Chapter 11:

1. Describe the functions and structures of the eyes and their accessory structures.
2. Recognize, define, spell, and pronounce the primary terms related to the structures and function, pathology, and diagnostic and treatment procedures of the eyes and vision.
3. Describe the functions and structures of the ears.
4. Recognize, define, spell, and pronounce the primary terms related to the structures and function, pathology, and diagnostic and treatment procedures of the ears and hearing.

Chapter 12:

1. Identify and describe the functions and structures of the integumentary system.
2. Identify the medical specialists associated with the integumentary system.
3. Recognize, define, spell, and pronounce the primary terms related to the structures and function, pathology, and diagnostic and treatment procedures of the skin.
4. Recognize, define, spell, and pronounce the primary terms related to the structures and function, pathology, and diagnostic and treatment procedures of hair, nails, and sebaceous glands.

Chapter 13:

1. Describe the role of the endocrine glands in maintaining homeostasis.
2. Name and describe the functions of the primary hormones secreted by each of the endocrine glands.
3. Recognize, define, spell, and pronounce the primary terms relating to the pathology and the diagnostic and treatment procedures of the endocrine glands.

Chapter 14:

1. Identify and describe the major functions and structures of the male reproductive system.
2. Recognize, define, spell, and pronounce the primary terms related to the pathology and the diagnostic and treatment procedures of the male reproductive system.
3. Name at least six sexually transmitted diseases.
4. Identify and describe the major functions and structures of the female reproductive system.
5. Recognize, define, spell, and pronounce the primary terms 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.

Chapter 15:

1. Describe the vital signs recorded for most patients.
2. Recognize, define, spell, and pronounce the primary terms associated with basic examination procedures and positions.
3. Recognize, define, spell, and pronounce the primary terms associated with frequently performed blood and urinalysis laboratory tests.
4. Recognize, define, spell, and pronounce the primary terms associated with radiography and other imaging techniques.
5. Describe the uses of nuclear medicine in diagnosis and treatment.

6. Recognize, define, spell, and pronounce the primary pharmacology terms introduced in this chapter.
7. Describe the most common types of complementary and alternative therapies and their uses.