

# Georgia State University

**COURSE NUMBER:** HHS 3010

**COURSE TITLE:** Advanced Medical Terminology For Healthcare

**CREDIT HOURS:** 3 credit hours

**DIVISION:** Health and Human Sciences

**INSTRUCTOR:** Douglas S. Gardenhire  
Office Hours: By arrangement  
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**PREREQUISITE:** HHS 2010 or Advanced standing in a CHHS program

**COURSE MATERIALS:**

**TEXT:** Chabner, D. E. (2004). *The Language of Medicine* (7<sup>th</sup> ed.). St. Louis, MO: Saunders.

**ISBN:** 0-7216-9757-7

**COURSE DESCRIPTION:**

This course is the continuation of HHS 2010. Review of medical terminology as it pertains to the body systems that were covered in HHS 2010 with emphasis on developing an understanding of the pathological terminology used in the individual medical specialties. Specialty areas within health professional fields of respiratory therapy, physical therapy, nutrition, pathology, radiology, anesthesia, pharmacology, and others will be covered.

**STUDENT LEARNING OUTCOMES:**

**Students who successfully complete this class will be able to:**

1. Generate and interpret written language utilizing advanced medical terminology.
2. Formulate medical terminology into conversation.
3. Analyze medical documentation for its meaning.
4. Apply learned medical terminology to real-world situations that both relate to and expand outside of the medical field.
5. Comprehend the pathological terminology for each body system or specialty area.

## **STUDENT COMPETENCIES:**

1. The student will be able to generate and interpret written language utilizing Advanced medical terminology.

The student will meet this outcome by succeeding with the following competencies:

- The student will comprehend the meaning of Greek and Latin word parts.
- The student will discuss rules used to build medical words from Greek and Latin prefixes, suffixes, word roots, and combining forms.
- Identify the roles of the three types of word parts in forming medical terms.
- The student will practice word-building.
- The student will discern the meaning of medical terms by their word parts and application within text.

2. The student will be able to interpret medical terminology used in conversation.

The student will meet this outcome by succeeding with the following competencies:

- The student will compose medical terminology used in everyday products and conversation.
- The student will apply pronunciation rules to medical terms.
- The student will evaluate the accuracy of dialogue and/or conversation using medical terminology.

3. The student will be able to analyze medical documentation for its meaning.

The student will meet this outcome by succeeding with the following competencies:

- The student will differentiate the meaning of acronyms and abbreviations used in medical text and dialogue.
- The student will interpret case studies and other medical documentation.
- The student will generate medical documentation utilizing word-building and acronyms.

4. The student will be able to apply learned medical terminology to real-world situations that both relate to and expand outside of the medical field.

The student will meet this outcome by succeeding with the following competencies:

- Discover the meaning of an unknown medical term through use of a medical dictionary or other resources.
- Identify connections between medical terminology and consumer product names.
- Identify connections between medical terminology and words commonly used in the English language.
- Analyze diseases for their medical terminology meanings.
- Determine the source and validity of information contained within medical news articles.
- Make inferences about information contained within medical news articles.
- Scrutinize information presented through the media, such as newspapers, television, and the Internet.

5. The student will be able to comprehend the pathological terminology for each body system or specialty area.

The student will meet this outcome by succeeding with the following competencies:

- Define anatomy and physiology and use anatomic reference systems to identify the anatomic position, body planes, directions, and cavities.
- Recognize, define, and assess terms related to pathology, diagnostic and treatment procedures of each major body system.
- Recognize, define, and assess terms related to types of diseases and the modes of disease transmission.
- Recognize, define, and formulate terms associated with radiology and nuclear medicine.
- Recognize, define, and formulate terms associated oncology medicine.
- Recognize, define, and formulate terms associated pharmacology.
- Recognize, define, and formulate terms associated with psychiatry.

### **COURSE OUTLINE:**

- The textbook is broken down into chapters for each major system.
- A weekly discussion will take place on the discussion board in webct.
- A quiz will be given for each unit.
- There will be two exams, one after each 11 chapters.

#### **Chapter 1**

Basic Word Structure

#### **Chapter 2**

Terms Pertaining to the Body as a Whole

#### **Chapter 3**

Suffixes

#### **Chapter 4**

Prefixes

#### **Chapter 5**

Digestive System

#### **Chapter 6**

Additional Suffixes and Digestive System Terminology

#### **Chapter 7**

Urinary System

#### **Chapter 8**

Female Reproductive System

#### **Chapter 9**

Male Reproductive System

#### **Chapter 10**

Nervous System

#### **Chapter 11**

Cardiovascular System

#### **Chapter 12**

Respiratory System

#### **Chapter 13**

Blood System

**Chapter 14**

Lymphatic and Immune System

**Chapter 15**

Musculoskeletal System

**Chapter 16**

Skin

**Chapter 17**

Sense Organs: The Eye and the Ear

**Chapter 18**

Endocrine System

**Chapter 19**

Cancer Medicine

**Chapter 20**

Radiology and Nuclear Medicine

**Chapter 21**

Pharmacology

**Chapter 22**

Psychiatry

**METHODS OF INSTRUCTION:**

Self-paced independent practice with book and software activities. All quizzes and exams will be given via WebCT. Question and answer sessions will be provided on WebCT. Discussion of weekly topics will be completed via discussion board in WebCT.

**METHODS OF EVALUATION:**

Students will be evaluated by student activities, quizzes, and exams.

Weekly Discussion	10%
Quizzes	20%
Exam I	35%
Exam II	<u>35%</u>
	100%

Grading scale for this course is:

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

## **POLICY:**

Please note although this is an open exit course all material must be completed before the end of the semester. If course materials are not completed a failing grade will be given, unless prior arrangements have been made to receive an incomplete.

Academic fraud is not permitted and will be dealt with as stated in the Policy on Academic Honesty located in the undergraduate catalog. Any student considering academic fraud should realize the consequences.

Accommodation for Students with Disabilities: Georgia State University complies with Section 504 of the Rehabilitation Act and the Americans with Disabilities Act. Students with disabilities who seek academic accommodations must first submit appropriate documentation to the Office of Disability Services in Suite 203 of the Student Center.

This syllabus and schedule of topics for the semester provide a general plan for the course; deviations may be necessary. Any changes will be announced in advance.

Suggested reading and assignments have been proven to be very beneficial to the students. The last day to withdraw from the class with a possible grade of W is noted online at [gsu.edu](http://gsu.edu)

