

HED 272— Problems in Health – Medical Terminology Course Syllabus – Spring 2008

INSTRUCTOR: Gary Oden

PHONE: 294-1211

OFFICE: HKC 211

E-MAIL: hpe_glo@shsu.edu

OFFICE HOURS: MW 10-12 TTH 8-9

TEXTBOOK: Fagerberg, S.W. *Medical Terminology On-Line Interactive*. medterm.net. Caduceus International Publishing., 2003

Course Description: This course is designed as a student-centered, interactive on-line computer-based and classroom course. The 1200 page audio-visual lecture textbook prepares students for 3150 self-testing questions focusing on the foundations of medical, anatomical, and procedural terms used in the health care profession. Students have the opportunity to test their cognitive knowledge of medical terms through the use of interactive flashcards and multiple choice questions through audio-visual lectures.

Course Goal: The medical terminology course is designed to assist students with the cognitive language skills they will need to prepare themselves as health care professionals. Medical terminology is a prerequisite course for numerous advanced medical and allied health degrees.

Course Objectives: The student will acquire knowledge and understanding of medical terms and procedures by completing the following objectives:

- 1.Utilize a computer and/or CD software to enhance medical, Latin, and English language skills.
- 2.Define and spell medical terms by integrating term prefixes, suffixes, and roots words into their professional vocabulary.
- 3.Identify and explain the function of specific roots of medical terms.
- 4.Describe the process of the construction of medical compound terms.
- 5.Construct medical compound terms by utilizing the multiple word combination formats.
- 6.Analyze and fracture key compound medical terms found on the course flashcards, multiple choice questions, and lecture slides.
- 7.Define and correctly spell medical equipment, treatments, diseases, and diagnostic compound terms.
- 8.Identify visually and describe verbally medical problems, disorders, and diseases presented in the audio-lectures.
- 9.Interpret medical course content, literature, records, and research presented in related courses and within the professional medical community.

Methodology: This course is offered via two instructional approaches—using either an on-line format or through a classroom guidance format. Students will have the option to determine their specific need with the assistance of the instructor either within the classroom setting or through e-mail correspondence.

Course Content:

- Lecture 1: Basics of medical terminology
- Lecture 2: Foundations and historical perspectives of medical terminology
- Lecture 3: Components of body systems and analysis
- Lecture 4: Relationships of diseases, disorders, and syndromes
- Lecture 5: Understanding the connection of the muscular-skeletal system
- Lecture 6: Nervous system and special human sensory systems
- Lecture 7: Cardiovascular System
- Lecture 8: Respiratory System
- Lecture 9: Integumentary System
- Lecture 10: Digestive System
- Lecture 11: Genital and Urinary System
- Lecture 12: Sexually Transmitted Diseases and Infections
- Lecture 13: Endocrine System

Course Requirements:

The guidelines for successful completion of the on-line course include:

1. Listen to chapters 1-4 audio-visual lectures through page 230.
2. Complete the 1700 interactive self-testing assessment flashcards at a rate of 75 to 100 per day.
3. Print the flashcards so they can be used as a reference and study aid.
4. Complete the required 1450 multiple choice interactive self-test questions.
5. Print a master summary sheet which indicates self-testing totals for the 1700 flashcards and 1450 multiple choice questions and total computer usage time.
6. Turn in above pages to instructor to document computer usage and course competence.
7. Complete Exam I covering first component of the course. This exam may be administered using the classroom or on-line format.
8. Continue with the same format mentioned in items 1 through 6 using the remaining 1450 flashcards and multiple choice self-study questions.
9. Complete Exam 2 covering the second component of the course. This exam may be administered using the classroom or on-line format.

Course Evaluation:

Your final grade will be determined using the following scale:

Correct knowledge of 90% of medical terms: A

Correct knowledge of 80% of medical terms:	B
Correct knowledge of 70% of medical terms:	C
Correct knowledge of 60% of medical terms:	D
Knowledge of 59% or less of the medical terms:	F

*Students are urged to complete course within one semester. Students may apply for additional course completion time by submitting a written request to the instructor and Chair of Health and Kinesiology. The publisher will be notified by the instructor to permit addition course time.

Purchasing Course Materials:

Students enrolling in HED 272 will pay SHSU tuition and course fees that will remain within the institution. Additional fees for the on-line course will be paid via credit or debit card to Caduceus International Publishing Company. A special discount will be given to SHSU students enrolling in the course.

STUDENT ABSENCES ON RELIGIOUS HOLY DAYS POLICY

Section 51.911(b) of the Texas Education Code requires that an institution of higher education excuse a student from attending classes or other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. A student whose absence is excused under this subsection may not be penalized for that absence and shall be allowed to take an examination or complete an assignment from which the student is excused within a reasonable time after the absence.

University policy 861001 provides the procedures to be followed by the student and instructor. A student desiring to absent himself/herself from a scheduled class in order to observe (a) religious holy day(s) shall present to each instructor involved a written statement concerning the religious holy day(s). This request must be made in the first fifteen days of the semester or the first seven days of a summer session in which the absence(s) will occur. The instructor will complete a form notifying the student of a reasonable timeframe in which the missed assignments and/or examinations are to be completed.

**“Students with a disability which affects their academic performance are expected to arrange for a conference with the instructor in order that appropriate strategies can be considered to ensure that participation and achievement opportunities are not impaired.”
The physically impaired may contact the Director of the Counseling Center, 294-1720.**