MISSISSIPPI STATE UNIVERSITY
COLLEGE OF EDUCATION

DEPARTMENT of KINESIOLOGY
COURSE SYLLABUS

Course Prefix & Number: KI 2603
Course Title: Medical Terminology
Credit Hours: Three (3) semester hours
Course Type: Lecture
Catalog Description: A working knowledge of terminology related to the human body through descriptive definitions, practical applications, and medical abbreviations will be developed.

College of Education Conceptual Framework:

The faculty in the College of Education at Mississippi State University are committed to assuring the success of students and graduates by providing superior learning opportunities that are continually improved as society, schools, and technology change. The organizing theme for the conceptual framework for the College of Education at Mississippi State University is educational professionals - dedicated to continual improvement of all students’ educational experiences. The beliefs that guide program development are as follows:

1. KNOWLEDGE - Educational professionals must have a deep understanding of the organizing concepts, processes, and attitudes that comprise their chosen disciplinary knowledge base, the pedagogical knowledge base, and the pedagogical content knowledge base. They must also know how to complement these knowledge bases with the appropriate use of technology.

2. COLLABORATION - Educational professionals must continually seek opportunities to work together, learn from one another, forge partnerships, and assume positions of responsibility.

3. REFLECTION - Educational professionals must be willing to assess their own strengths and weaknesses through reflection. They must also possess the skills, behaviors, and attitudes necessary to learn, change, and grow as life-long learners.

4. PRACTICE - Educational professionals must have a rich repertoire of research-based strategies for instruction, assessment, and the use of technologies. They must be able to focus that array of skills on promoting authentic learning by all students or clients, while exhibiting an appreciation and commitment to the value and role of diversity.

Course Objectives:

1. Students will utilize the skills necessary to define and reflect upon medical word elements relative to the following body systems. (CFPO#: 1,3)
a. Integumentary System  
b. Digestive system  
c. Respiratory system  
d. Cardiovascular system  
e. Blood, lymph, and immune systems  
f. Musculoskeletal system  
g. Genitourinary system  
h. Female reproductive system  
i. Endocrine system  
j. Nervous system  
k. Sensory systems  

2. Students will demonstrate skills necessary to identify medical word prefixes, suffixes, and combining forms through the use of memory recollection, online relevant resources and the text. (CFPO#: 1,3,7,12)  

3. Students will utilize self-directed study skills in order to retain the information presented in lecture. (CFPO#: 3,8)  

4. Students will utilize online testing in order to demonstrate an understanding of medical terminology relative to body structures. (CFPO#: 1,3,7,12)  

Topics to Be Covered:  

1. Identification and differences associated with prefix, suffix, and combining form components of medical terminology. (2 hours)  
2. Study skills necessary for proper memory retention regarding medical word elements. (1.5 hours)  
3. Medical word elements associated with the Integumentary System (3 hours)  
4. Medical word elements associated with the Digestive system (3 hours)  
5. Medical word elements associated with the Respiratory system (4 hours)  
6. Medical word elements associated with the Cardiovascular system (4 hours)  
7. Medical word elements associated with the Blood, lymph, and immune systems (4.5 hours)  
8. Medical word elements associated with the Musculoskeletal system (6 hours)  
9. Medical word elements associated with the Genitourinary system (3 hours)  
10. Medical word elements associated with the Female reproductive system (3 hours)  
11. Medical word elements associated with the Endocrine system (4 hours)  
12. Medical word elements associated with the Nervous system (5 hours)  
13. Medical word elements associated with the Sensory systems (2 hours)  

Required Text:  


Methods of Instruction:  

A. MyCourses online technology is utilized in this course for the following supplements:  
   1. My Grades link for grade access.  
   2. Email link for instructor/student communication  
   3. Syllabi
Suggested Student Activities:

1. Students are advised to come to all scheduled classes. (Objectives: 2,3)
2. Students are expected to be self-directed in this course, reviewing material and reading text frequently. (Objectives: 1,2,3)
3. Students should check MyCourses for any announcements, scheduling changes, class notes, and/or testing information. (Objectives: 3)
4. Students are expected to adhere to the schedule of testing, assignments, reading, and studying according to the Course Calendar within MyCourses and complete all assignments when scheduled. (Objectives: 3,4)
5. Students should review course material frequently in order to maximize memory retention in this course. (Objectives: 1,2,3,4)
6. The following study method is advised in order to maximize memory retention: (Objectives 1,2,3,4)
   a. Avoid memorization and rely on memory recall and word association.
   b. Check the course calendar frequently in order to schedule self study habits effectively.
   c. Read and review scheduled chapter in the text prior to class.
   d. Review power point lectures that will be presented in class and supplemented through MyCourses.
   e. Physically write the notes provide through MyCourses in order to aid in memory retention.
   f. Correlate lecture information with practical information already known.
   g. Review your notes (and re-read each text chapter if necessary) while repeating words aloud in order to aid in memory retention
   h. Use words learned in this class while in other classes or in situations that might arise. Utilizing these terms daily aids in memory retention.
   i. Review notes frequently.
   j. Attend all course lectures and complete all assignments when scheduled.

MSU Honor Code:

Honesty and integrity are expected of every student. All occurrences of academic misconduct will be dealt with in accordance with the guidelines and procedures outlined in the MSU Honor Code. The code can be accessed on the web at: http://www.msstate.edu/dept/audit/PDF/1207.pdf

An overview of the MSU Honor Code is as follows:

“As a Mississippi State University student I will conduct myself with honor and integrity at all times. I will not lie, cheat, or steal, nor will I accept the actions of those who do.”

Upon accepting admission to Mississippi State University, a student immediately assumes a commitment to uphold the Honor Code, to accept responsibility for learning, and to follow the philosophy and rules of the Honor Code. Students will be required to state their commitment on examinations, research papers, and other academic work.

Ignorance of the rules does not exclude any member of the MSU community from the requirements or the processes of the Honor Code.
Technology:

1. MyCourses online technology is utilized in this course for the following supplements:
   a. My Grades link for grade access.
   b. Email link for instructor/student communication
   c. Syllabi
   d. Time-limited Power Point Lectures and supplemental notes
   e. Course Calendar for pertinent course deadlines
2. Students must complete some online quizzing and various assignments using online resources.

Diversity will be addressed in the following manner:

1. Epidemiological differences will be discussed regarding disease rates and occurrences based on cultural, racial, and gender differences. (Objectives: 1)
2. Pathologically related information will be discussed regarding causes of diseases and illnesses in regards to cultural, racial, and gender differences. (Objectives: 1)

Disability:

1. Students with disabilities will be accommodated in the following manner:
   a. Specialized testing through Student Support Services.
   b. Availability of notes for those who are hearing impaired through power point lectures available through MyCourses.
   c. Utilization of Student Support Services (325-3335) tutors and testing aids for those who are visually, physically, or learning impaired.

Field Component: There is no field component required in this course.

Evaluation of Student Progress:

1. Tests/Quizzes are objective and standardized due to maximal class size and lack of teacher assistance in grading and distributing tests.
2. Each student is required to complete 2 on-line quizzes worth 50 points each, a comprehensive 100 point midterm exam, and a comprehensive final exam worth 100 points.
   a. A “Course Contract Quiz” is administered as a sample testing tool within the first two weeks of class in order to:
      i. Prepare students for online testing
      ii. Allow students to practice viewing grades within MyCourses confidential gradebook tool.
      iii. Demonstrate how test questions are viewed through online testing.
   b. All testing is scheduled within the Calendar tool in MyCourses.
   c. Midterm and Final exams are administered in the classroom using scantrons.
   d. Quizzes will be administered through the Assessments link on MyCourses.

Grade Scale:

Points earned should be summed and compared to the following grade scale:
   270 - 300 points= A
   240 - 269 points= B
   210 - 239 points= C
180 - 209 points= D
179 or below= F

Bibliography:

