

HSS 345 MEDICAL TERMINOLOGY AND CLINICAL ASSESSMENT

The University of Dayton

Department of Health and Sport Science

Fall Semester 2012

Lecture: Mondays and Wednesdays, T.J. Frericks Center Room 51, 3:00-4:15 p.m. 3 Credits

Adjunct Professor: Christine Broomhall, MS, BSN, RN

Contact Information: E-mail: cbroomhall1@udayton.edu

Office Hours: By appointment

Course Textbook:

Textbook: Dubin, Dale. *Rapid Interpretation of EKG's*. (6th ed.) Cover Publishing Company: 2000. ISBN: 0912912065 (Recommended)

Textbook: Gylys, A. and Masters, R. *Medical Terminology Simplified: A Programmed Learning Approach By Body Systems*. (4th ed.) F.A. Davis Company: 2010. (Required)

Prerequisites: HSS-307; HSS-408

Course Description:

This course will utilize medical terminology, critical thinking, and assessment skills required for completion of a comprehensive health assessment. This basic course will focus on the anatomical structure and function of the human body and related terminology used to describe body parts, structure and function. Students will focus on prefixes, suffixes and word roots and practice formation, analysis, and reconstruction of terms. This course will allow individuals to develop their health history interviewing skills, therapeutic communication, and physical examination techniques for clinical practice. Students will be able to identify and analyze assessment findings to determine health concerns as a basis for planning care and treatment. An introduction to the cardiovascular system and related terminology with an emphasis on basic EKG concepts and pharmacology will be conducted. Students will learn to evaluate the role of exercise and diet in health and disease including acute and chronic effects of exercise upon the cardiovascular, respiratory, metabolic, and muscular systems. Exploration of therapeutic benefits of exercise in primary and secondary prevention for individuals with heart disease, chronic pulmonary disease, diabetes, and obesity will be assessed along with basic concepts of health promotion and risk stratification.

Teaching Methodology: Lecture, discussion, and hands on experience will aid in the learning of material.

This course will utilize the Isidore Learning Management System - <http://isidore.udayton.edu> . Use your Novell (LDAP) username and password to log into the system and click on the course tab to enter the site. The site may be used for a variety of things including, announcements, online quizzes, assignment submissions, and discussion forums.

If you cannot log into the site, or if you have any problems viewing or accessing the course tab once you've logged in, it's your responsibility to contact the Udit Help Desk for assistance at x93888 (937-229-3888 – off campus). If you've registered for the class late it may take 24-48 hours before you gain access to the site. For specific questions about course assignments and deadlines, please contact the Instructor.

Evaluation: The final grade will be determined from the following:

Test 1	15%
Test 2	20%
Test 3	15%
Final	25%
Reflective Paper	15%
Other Assignments/Unannounced Quizzes	10%

Extra Credit: will be at the discretion of the instructor

Grading Scale: A; $\geq 93\%$, A-; 90-92%, B+; 87-89%, B; 83-86%, B-; 80-82%, C+; 79-77%, C; 76-73, C-; 72-70, D; 60-69%, F; $<60\%$

Attendance: Although attendance is not mandatory, the determination of the consequences of a missed class is left to the discretion of the instructor and assessed on a case by case basis. In the event of an unforeseen emergency, students must contact the instructor **prior** to missing class. Students missing more than 4 classes will not receive a passing grade. Further, attendance is defined as the student being present in the class prepared to contribute no later than 4:30.

Special Considerations: To request academic accommodations due to a disability, please contact the office of Professional Support Services in the Department of Learning Enhancement and Academic Development (LEAD) (937) 229-3684. If you have a self-identification form from the Professional Support Services indicating that you have a disability, which requires accommodation, please present it to me so we can discuss the accommodations you might need in the class.

Student Conduct: Instructor strictly adheres to University policies regarding student behavior and Academic Honesty as published in the Student Handbook and University of Dayton Bulletin.

Academic Schedule: Schedule is subject to change at the discretion of the instructor.

Clinical and Critical Thinking Assignment

There may be an opportunity for clinical experience/observation which will be further explained by the instructor in class.

Students will also be required to review the nutrition screening tools on the NCP tutorial via the Evidence Analysis Library via www.eatright.org. Instructions will be explained during class.

Reflective Paper Assignment

Each student will complete a reflective paper after guest lectures and possible clinical experiences during the course. Papers will be due to the instructor one week after the guest lecture. A minimum of two research, evidence based dietary resources are required to defend or support writer's statements. These resources must be cited correctly and attached to the reflective paper. A grading rubric is provided below and will be discussed further in class.

Title of Speaker/Job	Clearly Stated (4)	Confusing (1-3)	Missing (0)
Why speaker was chosen	Clearly articulated (3)	Ambiguous (1-2)	Not Stated (0)
What you learned about speakers career	Well organized, logical flow of ideas (3)	Satisfactory organization & flow (2)	Gaps in organization; content did not flow logically (1-0)
Personal strengths, talents, qualities	Clearly Articulated (3)	Ambiguous (1-2)	Not Stated (0)
Surprises and concerns about career and speaker comments	Writer's opinion clearly articulated(3)	Writer offers vague comments (1-2)	Writer offers no significant comments (0)
Personal exploration if pursued this career path	Well organized, logical flow of ideas(3)	Satisfactory organization and flow (1-2)	Gaps in organization; content did not flow (0)
Minimum of two research articles or sources of evidence	Writer states an opinion & offers reason why (3)	Writer states opinion with no supporting validation (1-2)	Writer does not offer added research/info (0)
Errors, Spelling, Typos	No spelling, typing, or grammatical errors, length (3)	One to two errors or typos (2)	Three or more errors or typos (1-0)

Maximum Points 25

HSS 345 TENTATIVE SCHEDULE

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Fall 2012

Week 1	Aug. 22 nd	Introduction Assessment Process	Syllabus, Chapter 1
Week 2	Aug. 27 th Aug. 29 th	Body Structure and Integumentary System	Chapter 2 and 3 Braden/PUSH Tool
Week 3	Sept. 3 rd	University Closed	
	Sept. 5 th	Digestive System and Laboratory Values	Finger stick demo Chapter 6
Week 4	Sept. 10 th Sept. 12 th	Guest Speaker: Bariatric Patient Population Transtheoretical Model: Stage of Change	Article/Case Study
Week 5	Sept. 17 th Sept. 19 th	Respiratory System Reflective Paper Due Respiratory System	Chapter 4 Smoking Cessation 6 MWT
Week 6	Sept. 24 th Sept. 26 th	Test One (Chapters 1-4, 6, SOC) Mysterious Human Heart Video/Intro	Chapter 5
Week 7	Oct. 1 st Oct. 3 rd	Cardiovascular Lymphatic System Cardiovascular Lymphatic System	Chapter 5 Chapter 5
Week 8	Oct. 8 th Oct. 10 th	Guest Speaker: Cardiac Patient Population EKG I	Dubin Chapters 1-3

Week 9	Oct. 15 th	EKG II Reflective Paper Due	Dubin Chapters 4-6	5
	Oct. 17 th	EKG III		
Week 10	Oct. 22 nd	EKG Practice/Case Study		
	Oct. 24 th	Test Two (Chapter 5 and EKG)		
Week 11	Oct. 29 th	Urinary System	Chapter 7	
	Oct. 31 st	Life Connections Organ Donor Guest Speaker		
Week 12	Nov. 5 th	Reproductive System	Chapter 8	
	Nov. 7 th	Reproductive System Reflective Paper Due	Chapter 8	
Week 13	Nov. 12 th	Endocrine and Nervous System	Chapter 9 Pain Tool	
	Nov. 14 th	Guest Speaker: Diabetes Educator	Chapter 9 Pain Tool	
Week 14	Nov. 19th	Test Three (Chapters 7-9)		
	Nov. 21st	University Closed		
Week 15	Nov. 26 th	Musculoskeletal System Reflective Paper Due	Chapter 10	
	Nov. 28 th	Musculoskeletal System	Chapter 10	
Week 16	Dec. 3 rd	Special Senses	Chapter 11	
	Dec. 5 th	EKG /Clinical Assessment Presentation and Review		
Week 17	Dec. 10th	Comprehensive Final 10:10-12:00		