

HED 391 – STUDY OF HUMAN DISEASES

Sam Houston State University
College of Education and Applied Science
Department of Health and Kinesiology
Summer 2008

- Instructor:** Martha Bass
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Office hours: as posted
- Text/Readings:** Mulvihill, M.L. (2006). *Human Diseases* (6th edition). Upper Saddle River, NJ: Pearson/Prentice Hall.
- Course Description:** This course is an introduction to the relationship between the human body and disease, both communicable and non-communicable. Included are etiology, prevention and control, prevalence, symptoms, and treatment of disease
- Objectives:**
1. Develop a basic understanding of medical terminology as it relates to the study of diseases
 2. Develop a basic understanding of the human body in relation to the course of certain diseases
 3. Develop an understanding of transmission, causes, and stages of communicable diseases
 4. Become acquainted with historical aspects of communicable diseases
 5. Develop an understanding of the immune system
 6. Examine the causes, symptoms, prevention, and treatment of communicable diseases
 7. Acquire knowledge pertaining to epidemiological studies of disease
- Course Format:** Course format includes whole class and small group discussions, team research projects and presentations, and individual writing assignments. Evaluation consists of regular examinations, participation in group projects and presentations, individual assignments, and class participation.
- Course Content:**
- I. Introduction to Disease
 - A. Immunity, Inflammation, Immune Disorders
 - B. Infectious Diseases
 - C. Neoplasms
 - D. Heredity and Disease
 - E. Nutrition and Disease

- II. Diseases of the systems
 - A. Cardiovascular System
 - B. Blood
 - C. Respiratory System
 - D. Digestive System
 - E. Urinary System
 - F. Reproductive System
 - G. Endocrine System
 - H. Nervous System
 - I. Mental Illness
 - J. Bones, Joints, Muscles
 - K. Skin

Course Requirements:

1. Attendance – see attendance policy
2. Each student will participate in assigned readings, in class activities and discussion groups.
3. Internet project/presentation – students will research a specific disease. Findings will be presented to the class using power point. Students will individually write and submit a paper on the disease topic.

Evaluation:

Exams (4 at 100 points each)	400 points
Internet project/presentation	100 points

Total	500 points
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A = 90% and above
 B = 80% - 89%
 C = 70% - 79%
 D = 60% - 69%
 F = < 60%

Attendance:

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. Regular and punctual class attendance is expected of all students. Justification for absences will be determined by the instructor. Students who know in advance that they will be absent are advised to inform the instructor prior to the absence. The following policy will be applied to all members of this class:

Perfect attendance	2% bonus on overall grade
1- 3 unexcused absences	no bonus or deduction
4 unexcused absences	3% deduction from overall grade
5 unexcused absences	5% deduction from overall grade
6 unexcused absences	10% deduction from overall grade
7 unexcused absences	Register again next semester!

Disability Statement:

It is the policy of Sam Houston State University that no otherwise qualified disabled individual shall, solely by reason of his/her handicap, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any academic or Student Life program or activity. Disabled students may request help with academically related problems stemming from individual disabilities from their instructors, school/department chair, or by contacting the Chair of the Committee for Continuing Assistance for Disabled Students and Director of the Counseling Center, Lee Drain Annex, or by calling (936) 294-1720.