

## **SYLLABUS: HLTH 3391**

Course: HLTH 3391 – Study of Human Disease  
Term: Spring 2018  
Section: 06  
Meeting time: Tues and Thurs 11:00 – 12:20  
Location: 00216 Lee Drain Building  
Instructor: Robert Williams, MD  
Telephone: 936-294-2665 Department of Population Health  
Email address: Black Board access  
Office hours: By Appointment  
Office location: Student Health Center

### **Course Description**

Introduction to the human disease, both communicable and non-communicable, via a basic survey of the etiology, signs and symptoms, diagnosis, and prevention of disease combined with scientific basis and various historical elements.

RATIONALE: Expose the pre-professional student to an engaging exploration of human disease in contrast to a normal healthy body. Content material is to be delivered in a fundamental approach to human diseases based on organ systems. Basic concepts of anatomy and physiology are reviewed for each system. Mechanisms and causes of disease are considered. Disease prevention is discussed. Context will allude to some treatments, but the class is not designed to fully consider treatment of disease. The student is expected to have a basic core knowledge of Anatomy and Physiology.

### **Textbook and/or Resource Material**

Human Diseases, A Systemic Approach, 8<sup>th</sup> Ed  
Zelman M, Raymond J, Holdaway P, et al  
Pearson Education, 2015  
ISBN: 978-0-13-342427-4

<https://www.vitalsource.com/referral?term=9780133424775>

### **Course Objectives**

By the end of the course, you should be able to recognize and explain the different organ systems of the human body with a basic understanding of the following:

- Normal structure and function of a body system
- Diseases associated with an organ system
- Etiology of specific diseases
- Mechanisms of development of a disease
- Signs and symptoms of specific diseases

- Unique manifestations of certain diseases
- Diagnostic techniques for identifying disease
- Prevention of disease
- Disease terminology
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### Course Topics, Readings, Assignments and Dates

Weekday	Date	Topic	Text Chapter
Thur	1/18/2018	Introduction to Disease; Heredity and Disease	1 & 5
Tues	1/23/2018	Immunity and Disease	2
Thur	1/25/2018	Infectious Diseases	3
Tues	1/30/2018	Cancer	4
Thur	2/1/2018	Exam 1	
Tues	2/6/2018	Diseases and Disorders of the Blood	7
Thur	2/8/2018	Diseases and Disorders of the Cardiovascular System	6
Tues	2/13/2018		
Thur	2/15/2018	Diseases and Disorders of the Respiratory System	8
Tues	2/20/2018	Diseases and Disorders of the Gastrointestinal System	9
Thur	2/22/2018		
Tues	2/27/2018	Exam 2	
Thur	3/1/2018	Diseases and Disorders of the Reproductive System	11
Tues	3/6/2018		
Thur	3/8/2018	Diseases and Disorders of the Urinary System	10
Tues	3/13/2018	Spring Break	
Thur	3/15/2018		
Tues	3/20/2018	Diseases and Disorders of the Endocrine System	12
Thur	3/22/2018		
Tues	3/27/2018	Diseases and Disorders of the Nervous System	13
Thur	3/29/2018		
Tues	4/3/2018	Exam 3	
Thur	4/5/2018	Diseases and Disorders of the Eye and Ear	14
Tues	4/10/2018	Diseases and Disorders of the Integumentary System	17
Thur	4/12/2018		
Tues	4/17/2018	Mental Disorders	15
Thur	4/19/2018		
Tues	4/24/2018	Diseases and Disorders of the Musculoskeletal System	16
Thur	4/26/2018	Exam 4	
Tues	5/1/2018	Review	
Thur	5/3/2018	Review	
Thurs	5/12/2018	Final Exam: 12-2pm	

## Course Evaluation:

### Lecture and Textbook:

The class is conducted in face-to-face lecture format. The goal of lectures is to facilitate comprehension of material presented in textbook. Utilization of “Interactive Exercises” at the end of each chapter is strongly encouraged.

### Exams:

There are 4 exams spaced throughout the semester followed by a final exam for a total of 5 equally weighted exams. Each regular exam will consist of 25 questions and will be timed for 50 minutes. The remaining 30 minutes following each regular exam will afford an optional discussion of the exam questions and answers. The final exam will consist of 60 questions and be timed for 2 hours.

## Grading

<u>Component</u>	<u>Percent of Final Grade</u>
Exam 1	20%
Exam 2	20%
Exam 3	20%
Exam 4	20%
Exam 5	20%
Class Participation and Attendance	<u>5%</u>
	105%

### Grading Scale:

90-105	A
80-89	B
70-79	C
60-69	D

Handouts, changes in assignments or the schedule of class modules will be announced on the Blackboard course webpage. You are expected to use SHSU email address for all correspondence.

## Pertinent Sam Houston State University Policies

### Attendance and Make-up Policies

The University views class attendance as the responsibility of an individual student. Attendance is essential to complete the course successfully. University rules related to excused and unexcused absences are located on-line at SHSU Attendance Policy.

### 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.

#### CLASSROOM RULES OF CONDUCT

Students will refrain from behavior in the classroom that intentionally or unintentionally disrupts the learning process, and, thus, impedes the mission of the university. Cellular telephones, iPods, and pagers must be turned off before class begins. Students who use their cell phone during class for ANY reason will be asked to leave that class and will receive an absence for that day. Students are prohibited from eating in class, using tobacco products, making offensive remarks, reading newspapers, sleeping, talking at inappropriate times, wearing inappropriate clothing or engaging in any other form of distraction. Inappropriate behavior in the classroom shall result in a directive to leave class. Students who are especially disruptive also may be reported to the Dean of Students for disciplinary action in accordance with university policy. Baseball caps/hoodies and sunglasses are not to be worn during class. The only exception is for religious beliefs, and you must get approval. Only registered students may attend class. Exceptions can be made on a case-by-case basis by the professor. In all cases, visitors must not present a disruption to the class by their attendance. Students wishing to audit a class must apply to do so through the Registrar's Office.

#### BLACKBOARD

This course will be supported via Blackboard, your online learning community, where you can interact with your classmates and with me. Within the course Blackboard site you will access the learning materials, tutorials, and syllabus. It is also possible to discuss issues; email the instructor and other students; submit assignments; and participate in online activities.

In order to access the course material, you will need to go to <https://shsu.blackboard.com> or look for Campus Tools on the top of the University's homepage. **Please do not contact your instructor with technical problems.** If you are having a technical problem with the course, review the support resources at <http://distance.shsu.edu/tech-support/>.

#### PLAGIARISM

Plagiarism is the leading form of academic dishonesty that the Department of Health Services and Promotion has to address. As a HSP student, you are responsible for knowing what plagiarism is and how to avoid it.

#### POPULATION HEALTH MISSION

The mission of the Department of Population Health is to foster student-centered learning for early and advanced health professionals; to conduct applied, evidence-based research in population health; and to improve health and wellbeing through community engagement at the local and global levels.

#### DISABILITIES

SHSU adheres to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations for students with disabilities. Students with disabilities that may adversely affect their work in this class should register with the SHSU Center for Students with Disabilities and talk with their lecturer about what accommodations are needed. All disclosures of disabilities will be kept strictly confidential.

It is the policy of Sam Houston State University that no otherwise qualified individual with disabilities 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. Students with disabilities 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.

#### ACADEMIC INTEGRITY

According to the administration's guidelines: "All students are expected to engage in all academic pursuits in a manner that is above reproach." Students are expected to maintain complete honesty and integrity in the academic experiences both in and out of the classroom. Any student found guilty of dishonesty in any phase of academic work will be subject to disciplinary action. The University and its official representatives may initiate disciplinary proceedings against a student accused of any form of academic dishonesty, including, but not limited to, cheating on an examination or other academic work which is to be submitted, plagiarism, collusion, and the abuse of resource materials."

The full policy for "Code of Student Conduct and Discipline" is found at the following link:

<https://www.shsu.edu/students/guide/dean/codeofconduct.html>

#### FERPA

The Federal Education Rights & Privacy Act requires that we advise students that by registering for this course, their SHSU assigned e-mail address will be revealed to classmates and the instructor. By continuing your enrollment in the course, you acknowledge your understanding of this policy. By enrolling in this course, you agree to the following statement: "I understand that as a result of registering for this course, my SHSU/Blackboard assigned email address will be revealed to classmates and the instructor."

#### Equal Opportunity Statement

Sam Houston State University is an Equal Opportunity/Affirmative Action Institution.