



SYLLABUS: HLTH 3391

Course Information

<i>Course:</i>	HLTH 3391 – Study of Human Disease
<i>Term:</i>	Spring 2018
<i>Meeting time:</i>	Section 02 – Monday 4:00 – 6:50 PM – CHSS 232 Section 05 – Monday 12:00 – 2:50 PM – Lee Drain Bldg 207
<i>Instructor:</i>	Jack Runyan, PA, PhD
<i>Telephone number:</i>	936-294-2665 – Department of Population Health
<i>Email address:</i>	jxr136@shsu.edu
<i>Office hours:</i>	By Appointment – Monday or Wednesday
<i>Office location:</i>	CHSS – Suite 400

Course Description

Introduction to the relationship between the human body and disease, both communicable and non-communicable. Includes historical aspects of various diseases, etiology, prevention and control, prevalence, symptoms, and treatment. Credit 3.

RATIONALE: Exposing the pre-professional student to an engaging exploration of human disease in contrast to a normal and healthy body. Content material is delivered as a *body systems* approach to common diseases of human organ systems. Basic concepts of *Anatomy & Physiology* are reviewed for each system. Mechanisms of disease are considered, including; immunity, inflammation, inherited and infectious disease. Disease prevention is discussed and actual *Case Studies* are reviewed. This class *is not* designed to consider treatment of disease, but inevitably will be alluded in context. The student is expected to have basic core knowledge of Anatomy & Physiology.

Prerequisites

Human Anatomy & Physiology (not required, but helpful)

Textbook and/or Resource Material

Human Diseases, A Systemic Approach, 8th Ed
Zelman M, Raymond J, Holdaway, P, et al
Pearson Education, 2015
ISBN: 978-0-13-342474-4

Course Objectives

By the end of this course you should be able to recognize & explain the different organ systems of the human body, including:

- Normal structure & function of a body system
- Diseases associated with an organ system
- Etiology of specific diseases
- Mechanisms of development of a disease
- Signs & symptoms a disease
- Unique manifestations of certain diseases
- Diagnostic techniques for identifying disease
- Prevention of disease
- Disease terminology

Course Topics, Readings, Assignments and Dates

Date	Topic	Text Chapter
Mon Jan 22	Syllabus review & Basic concepts	
Mon Jan 29	Lecture: Introduction to Disease	1
Mon Feb 05	Lecture: Immunity & Disease	2
Mon Feb 12	Lecture: Infectious Disease	3
Wed Feb 14	Exam 1: Available on BB – Due Mon Feb 19 – 11:59 PM	1-3
Mon Feb 19	Lecture: Disease of the Cardiovascular System	6
Mon Feb 26	Lecture: Disorders of the Blood	7
Mon Mar 05	Lecture: Disease of the Respiratory System	8
Wed Mar 07	Exam 2: Available on BB - Due Mon Mar 19 – 11:59 PM	6-8
Mar 12-18	SPRING BREAK !!	
Mon Mar 19	Lecture: Diseases of Gastrointestinal System	9
Mon Mar 26	Lecture: Disease of the Urinary System	10
Mon Apr 02	Lecture: Disease of the Reproductive System	11
Wed Apr 04	Exam 3: Available on BB – Due Mon Apr 09 – 11:59 PM	9-11
Mon Apr 09	Lecture; Diseases of the Endocrine System	12
Mon Apr 16	Lecture: Diseases of the Nervous System	13
Mon Apr 23	Lecture: Cancer	4
Mon Apr 30	<i>Make-up Week</i>	
Mon May 07	Final Exam: on BB – Due Fri Apr 11 – 11:59 PM	12-13&4

Grading

Exam One (50 Questions)	20%	A = 90-100%
Exam Two (50 Questions)	20%	B = 80-89%
Exam Three (50 Questions)	20%	C = 70-79%
Final Exam (50 Questions)	20%	D = 60-69%
Homework Assignments (3)	20%	F = <60%
Class Participation		

LECTURES

The class is conducted in face-to-face lecture format. Power Point presentations for each lecture will be available on Blackboard on the day of the lecture. Students are expected to read the textbook material corresponding to the lecture before class time. Lectures & Power Point presentations are drawn directly from the textbook, unless otherwise noted.

EXAMS

There are four exams, one exam after every three lecture sessions. All exams are posted on Blackboard and taken outside of regular class time. Each Exam is 50 questions each and timed for 90 minutes. Exams will be available on Wednesday and must be completed by the following Monday at 11:59 PM.

HOMEWORK PROJECTS

Every four weeks, (the week after an exam), participants must produce a paper or report exploring some aspect disease within the organ system topics for that period. The projects will be different and informative. A template for each report is provided on Blackboard. The paper is due anytime during the week after an exam. Past Homework Projects have included:

- Medical Mythbusters – Investigate common allegories (wife's tales), i.e., Can you get the flu from a flu shot?
 - Slang Medical Terminology – Find as many as possible slang words for common body functions
 - Disease Reporting – Fill out a Center for Disease Control form for (uncommon) diseases
 - How They Died – Explore the disease process that caused the non-accidental death of famous people
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CLASS PARTICIPATION & ATTENDANCE

Class participation is essential for a complete understanding of the material. Learners are expected to read the textbook chapters prior to attending class. Although this course follows the textbook, material that is not clear or difficult to understand can be clarified through the lectures.

COURSE ASSIGNMENT CRITERIA

- ☐ If an assignment seems unclear, it is *YOUR* responsibility to talk to the instructor early.
- ☐ If you desire academic accommodation for a documented disability, contact the instructor ASAP.

❑ 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.

Other Pertinent Course Information

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.

Every effort will be made to ensure that Power Point lectures, files, notes, and assignments are available online in a timely manner. Written assignments will be delivered thru the Blackboard course website. Handouts, changes in assignments or the schedule of class modules will be announced on the Blackboard course webpage. Email contact will be initiated with all students

the first week of class. If you do not have access to your assigned SHSU email account, it is your responsibility to make the instructor aware of that fact so that other arrangements may be made. You are expected to use SHSU email address for all official correspondence.

Blackboard Statement

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

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/>. You will need to possess the required computing technology to be successful in an online course. **Important!!!** Save your work as you go along. Nothing is more discouraging than to lose an assignment due to a computer hang ups! You may want to also make hard copies of your work to have "proof" and save yourself time and trouble!

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.

Americans with Disabilities Act (ADA)

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 affect adversely their work in this class should register with the SHSU Counseling Center and talk with their University supervisor and classroom mentor teachers about how they can help. All disclosures of disabilities will be kept strictly confidential. NOTE: no accommodation can be made until registration with the Counseling Center is complete.

STUDENTS WITH DISABILITIES POLICY

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 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."

"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 and pagers must be turned off before class begins. Students are prohibited from eating in class, [chewing gum], using tobacco products, making offensive remarks, reading newspapers, 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 referred to the Dean of Students for disciplinary action in accordance with the university policy."

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 e-mail address will be revealed to classmates and the instructor.”

Equal Opportunity Statement

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

DISCLAIMER

This syllabus is representative of materials that will be covered in this class; it is not a contract between the student and the institution. It is subject to change. These changes will be communicated via email or posted as announcements. If you have any problems related to this course, please feel free to discuss them with the instructor.

Title IX

"No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance."

Title IX of the Education Amendments of 1972 is a federal law that prohibits sex discrimination in education.

NOTICE OF NON-DISCRIMINATION

Sam Houston State University complies with Title IX of the Higher Education Amendments of 1972 (Title IX), which prohibits discrimination on the basis of sex in educational programs or activities; Title VII of the Civil Rights Act of 1964 (Title VII), which prohibits sex discrimination in employment; and the Campus Sexual Violence Elimination Act. Sexual misconduct, as defined in the University's Sexual Misconduct Policy, constitutes a form of sex discrimination prohibited by Title IX and Title VII.

TITLE IX CONTACTS

Sex discrimination includes sexual harassment and sexual assault. While it is often thought of as a law that applies to athletics programs, Title IX is much broader than Athletics and applies to many programs at Sam Houston State University. While compliance with the law is everyone's responsibility at SHSU, below is a list of staff members that have primary responsibility for Title IX Compliance.

Title IX Coordinator--Jeanine Bias
Associate Dean of Students --Lowman Student Center, Suite 215
936-294-3026 or jbias@shsu.edu

I, _____ have read the entire syllabus
and hereby agree to abide by the policies contained herein.

Signature

Date