

FALL 2024

Human Diseases, ALHS 3302.001

Location of Classroom: HPC 3055

Course Time & Dates: August 26, 2024 through December 14, 2024, Tuesdays 5:00pm-7:45pm

Instructor Name: Jeanie D. Gallegly, MS, MPH, RCEP, CHWI, CHW, TTS, Exercise is Medicine[®] Credential III

Contact Information for Instructor:

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Schedule an appointment by phone or e-mail

HPC phone: 903-566-7031

TEXTBOOK

Human Disease: A Systematic Approach, 8th Edition

Zelman, Raymond, Holdaway, Dafnis, Mulvihill

ISBN-13: 978-0-13-342474-4

ISBN-10: 0-13-342474-X

You may order this book from various sources, including the UT Tyler Bookstore:

<http://uttyler.bncollege.com/Links to an external site.>

Phone: 800-UTTYLER (800-888-9537) or 903-566-7070

Fax: 903-566-1435

LIBRARY SERVICES UT Tyler's Muntz Library may be accessed via <http://library.uttyler.edu/>. A link to the Muntz Library is also available on UT Tyler's Home Page (www.uttyler.edu). The librarian assigned to the Department of Health and Kinesiology is Michael Skinner. You may contact him for assistance related to the Library (903-566-7165; michaelskinner@uttyler.edu).

TECHNICAL SUPPORT

Information about technical support for Blackboard and this online course is available on your Blackboard login page (<https://blackboard.uttyler.edu/webapps/portal/frameset.jsp>) accessed via UT Tyler's Web site.

COURSE DESCRIPTION/GOALS

Course Description: Study of the etiology, control and prevention of human disorders and disease from a public health perspective.

Course Goal & Objectives: The purpose of the course is to provide a concise, holistically oriented introduction to human disease for undergraduate students in health-related fields. The general goal is that the student understands concepts related to pathophysiology. More specific objectives of the course are to:

1. Understand the principles of diagnosis.
2. Understand the structure and function of cells and tissues (including cell replication, inflammation and repair.)
3. Apply the concepts of genetics and immunity to illness.
4. Understand pathogenic microorganisms.
5. Understand common classifications used for diseases as they apply to healthcare specialization.
6. Identify common terms used to describe human diseases.
7. Explain the major differences between acute and chronic diseases (and between communicable and non-communicable diseases.)
8. Describe the major features of the body systems and/or organs affected by different classifications of diseases.
9. Describe prevention strategies for particular diseases, including screening.
10. Understand the role of story/narrative to diseases.

Grading Plan:

Final Exam	15%
Discussion boards/participation	15%
Quizzes (10 total at 5% each)	50%
Essays (3 at 5% each)	15%
<u>Final presentation</u>	<u>5%</u>
Total possible	100%

Letter grade-percentage transposition:

A: 90% -100%

B: 80% - 89%

C: 70% - 79%

D: 60% - 69%

F: Below 60%

Exam & Quizzes: Barring an act of God (the university being officially closed), the exams will be given on the date indicated. Only for extremely extenuating circumstances and even then only with prior approval of the instructor, will the student be allowed to make-up an exam. Make up quizzes will be allowed only with prior notification. The instructor may choose to substitute out of class learning assignments in lieu of giving a quiz.

Participation & Presentations: Every student is expected to participate and engage in class discussions. Participation in class is mandatory (reading materials, completing assignments, etc.) The instructor will take note on quantity and quality of participation (frequency of comments/questions & demonstration of insight, understanding/complex thinking.) Students should be prepared to write about insights from guest speakers or videos. Participation will be considered during final grade assignment for those students bordering on the next highest letter grade. Presentations will be assigned to each student twice during the semester. Students are expected to thoroughly research the topics and make a 5-7-minute professional presentation (a briefing in the format of the student's choice).

Classroom Behavior Policies: Good manners, participation, punctuality and professionalism are expected. In other words, when/if we have a live class instead of a prerecorded lecture, please mute your mic and conduct yourself appropriately when/if your camera is on.

COURSE CALENDAR

Week # Subjects/Readings in Text

- **Intro to Course/Syllabus/Grades/Plan**
- 1** · **Chapter 1: Mechanisms of Disease – Introduction to Disease**
- **Special topic- tobacco & nicotine use**
- **Chapter 2: Mechanisms of Disease – Immunity and Disease**
- 2** · **Chapter 3: Mechanisms of Disease – Infectious Disease**
- **Special topic - Influenza**
- **Chapter 4: Mechanisms of Disease – Cancer**
- 3** · **Chapter 5: Mechanisms of Disease – Heredity and Disease**
- **Special topic – Congenital disorders**
- **Chapter 6: Diseases and Disorders of the Systems – Cardiovascular**
- 4** · **Special topic – Expansion of book's cardiovascular disease materials**

- **Special topic – Oral Health**
- **Chapter 7: Diseases and Disorders of the Systems – Blood**
- 5 • **Special topic: teratogens**
- **Chapter 8: Diseases and Disorders of the Systems – Respiratory**
- **Special topic: Expansion of book’s respiratory disease materials**
- **Chapter 9: Diseases and Disorders of the Systems – Gastrointestinal**
- 6 • **Special topic: Expansion of book’s gastrointestinal disease materials.**
- **Special topic: Microbiome**
- **Chapter 11: Diseases and Disorders of the Systems – Reproductive**
- 7 • **Special topic: Alcohol**
- **Special topic: Sexually Transmitted Infections**
- **Chapter 10: Diseases and Disorders of the Systems – Urinary**
- 8 • **Special topic: Hypertension**
- 9 • **SPRING BREAK**
- **Chapter 12: Diseases and Disorders of the Systems – Endocrine**
- 10 • **Special topic: Diabetes**
- **Chapter 13: Diseases and Disorders of the Systems – Nervous**
- **Chapter 14: Diseases and Disorders of the Systems – Eye and Ear**
- **Chapter 15: Diseases and Disorders of the Systems – Mental Health**
- 11 • **Special topic: Expansion on mental health – pediatric mental health**
- **Q & A on upcoming student presentations**
- **Chapter 16: Diseases and Disorders of the Systems –**
- 12 **Musculoskeletal**
- **Special topic: review any uncovered materials**
- 13 • **Chapter 17: Diseases and Disorders of the Systems – Integumentary**
- 14 • **Make-up any missed materials, Q & A, Final Exam Review**
- FINALS** • **FINAL EXAM**

***NOTE: This schedule of study, activities and requirements is subject to modification at any time by the instructor as determined to be in the best interest of student learning (the schedule could change to accommodate a guest speaker, due dates may be modified, etc.). Every effort will be made to inform the students as quickly as possible of any changes.**

UNIVERSITY POLICIES

“Students [sic] Rights and Responsibilities

To know and understand the policies that affect your rights and responsibilities as a student at UT Tyler, please follow this link:

<http://www.uttyler.edu/wellness/StudentRightsandResponsibilities.html>Links to an external site.

Grade Replacement/Forgiveness

If you are repeating this course for a grade replacement, you must file and intent to receive grade forgiveness with the registrar by the 12th day of class. Failure to do so will result in both the original and repeated grade being used to calculate your overall grade point average. Undergraduates will receive grade forgiveness (grade replacement) for only three course repeats; graduates, for two course repeats during his/her career at UT Tyler.

State-Mandated Course Drop Policy

Texas law prohibits a student who began college for the first time in Fall 2007 or thereafter from dropping more than six courses during their entire undergraduate career. This includes courses dropped at another 2-year or 4-year Texas public college or university. For purposes of this rule, a dropped course is any course that is dropped after the census date (See Schedule of Classes for the specific date).

Exceptions to the 6-drop rule may be found in the catalog. Petitions for exemptions must be submitted to the Registrar’s Office and must be accompanied by documentation of the extenuating circumstance. Please contact the Registrar’s Office if you have any questions.

Disability Services

In accordance with federal law, a student requesting accommodation must provide documentation of his/her disability to the Disability Services counselor. If you have a disability, including a learning disability, for which you request an accommodation, please contact Ida MacDonald in the Disability Services office in UC 3150, or call (903) 566-7079.

Student Absence due to Religious Observance

Students who anticipate being absent from class due to a religious observance are requested to inform the instructor of such absences by the second-class meeting of the semester.

Student Absence for University-Sponsored Events and Activities

If you intend to be absent for a university-sponsored event or activity, you (or the event sponsor) must notify the instructor at least two weeks prior to the date of the planned absence. At that time the instructor will set a date and time when make-up assignments will be completed.

Social Security and RERPA Statement

It is the policy of The University of Texas at Tyler to protect the confidential nature of social security numbers. The University has changed its computer programming so that all students have an identification number. The electronic transmission of grades (e.g., via e-mail) risks violation of the Family Educational Rights and Privacy Act; grades will not be transmitted electronically.

Emergency Exits and Evacuation

If you are on campus: Everyone is required to exit the building when a fire alarm goes off. Follow staff's directions regarding the appropriate exit. Do NOT re-enter the building unless given permission by the University Police, Fire Department, or Fire Prevention Services."

You should also be aware of UT Tyler's Student Code of Conduct, Section 2.09 in the University's Handbook of Operating Procedures (<http://www.utt Tyler.edu/ohr.hop/files/HOPCh2-8-31-03.pdf>Links to an external site.), especially the subsection dealing with scholastic dishonesty.

Please also note the policy related to incomplete grades. The University allows incomplete course grades in extenuating circumstances, at the discretion of the instructor. With an online course, completing course work to change an incomplete grade after the semester the course is offered is often more complicated and difficult than with a regular on-campus class. This is especially the case with a course that involves group work, as this course does. Therefore, I will be very reluctant to give a grade of Incomplete. If you truly have extenuating circumstances that will prevent you from finishing the course on time, discuss this with me as soon as you can. A student who is awarded a grade of "I" has a maximum of one semester to complete course requirements and have the grade changed to a permanent letter grade; if this isn't done, the grade automatically is changed to an "F."

