

**SPRING 2025**  
**Human Diseases, ALHS 3302.001 (21471)**

Location of Classroom: HPC 3055

Course Time & Dates: August 25, 2025 through December 13, 2025, 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/>

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](http://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](mailto: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                                                                                                                                                                                                                                                                                                                                  |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1      | <ul style="list-style-type: none"> <li>Intro to Course/Syllabus/Grades/Plan</li> <li><b>Chapter 1:</b> Mechanisms of Disease – Introduction to Disease</li> <li><b>Special topic-</b> tobacco &amp; nicotine use</li> </ul>                                                                                                                                |
| 2      | <ul style="list-style-type: none"> <li><b>Chapter 2:</b> Mechanisms of Disease – Immunity and Disease</li> <li><b>Chapter 3:</b> Mechanisms of Disease – Infectious Disease</li> <li><b>Special topic -</b> Influenza</li> </ul>                                                                                                                           |
| 3      | <ul style="list-style-type: none"> <li><b>Chapter 4:</b> Mechanisms of Disease – Cancer</li> <li><b>Chapter 5:</b> Mechanisms of Disease – Heredity and Disease</li> <li><b>Special topic –</b> Congenital disorders</li> </ul>                                                                                                                            |
| 4      | <ul style="list-style-type: none"> <li><b>Chapter 6:</b> Diseases and Disorders of the Systems – Cardiovascular</li> <li><b>Special topic –</b> Expansion of book's cardiovascular disease materials</li> <li><b>Special topic –</b> Oral Health</li> </ul>                                                                                                |
| 5      | <ul style="list-style-type: none"> <li><b>Chapter 7:</b> Diseases and Disorders of the Systems – Blood</li> <li><b>Special topic:</b> teratogens</li> <li><b>Chapter 8:</b> Diseases and Disorders of the Systems – Respiratory</li> <li><b>Special topic:</b> Expansion of book's respiratory disease materials</li> </ul>                                |
| 6      | <ul style="list-style-type: none"> <li><b>Chapter 9:</b> Diseases and Disorders of the Systems – Gastrointestinal</li> <li><b>Special topic:</b> Expansion of book's gastrointestinal disease materials.</li> <li><b>Special topic:</b> Microbiome</li> </ul>                                                                                              |
| 7      | <ul style="list-style-type: none"> <li><b>Chapter 11:</b> Diseases and Disorders of the Systems – Reproductive</li> <li><b>Special topic:</b> Alcohol</li> <li><b>Special topic:</b> Sexually Transmitted Infections</li> </ul>                                                                                                                            |
| 8      | <ul style="list-style-type: none"> <li><b>Chapter 10:</b> Diseases and Disorders of the Systems – Urinary</li> <li><b>Special topic:</b> Hypertension</li> </ul>                                                                                                                                                                                           |
| 9      | <b>SPRING BREAK</b>                                                                                                                                                                                                                                                                                                                                        |
| 10     | <ul style="list-style-type: none"> <li><b>Chapter 12:</b> Diseases and Disorders of the Systems – Endocrine</li> <li><b>Special topic:</b> Diabetes</li> <li><b>Chapter 13:</b> Diseases and Disorders of the Systems – Nervous</li> </ul>                                                                                                                 |
| 11     | <ul style="list-style-type: none"> <li><b>Chapter 14:</b> Diseases and Disorders of the Systems – Eye and Ear</li> <li><b>Chapter 15:</b> Diseases and Disorders of the Systems – Mental Health</li> <li><b>Special topic:</b> Expansion on mental health – pediatric mental health</li> <li><b>Q &amp; A</b> on upcoming student presentations</li> </ul> |
| 12     | <ul style="list-style-type: none"> <li><b>Chapter 16:</b> Diseases and Disorders of the Systems – Musculoskeletal</li> <li><b>Special topic:</b> review any uncovered materials</li> </ul>                                                                                                                                                                 |
| 13     | <b>Chapter 17:</b> Diseases and Disorders of the Systems – Integumentary                                                                                                                                                                                                                                                                                   |
| 14     | Make-up any missed materials, Q & A, Final Exam Review                                                                                                                                                                                                                                                                                                     |
| FINALS | <b>FINAL EXAM</b>                                                                                                                                                                                                                                                                                                                                          |

\*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.

## THE UNIVERSITY OF TEXAS AT TYLER

### Academic Calendar

#### 2024-2025

This Academic Calendar lists official dates for all academic sessions within the Fall 2024, Spring 2025, and Summer 2025 semesters. **This calendar is applicable to all campuses of UT Tyler.** Information on dates related to key Financial Aid dates, refunds, and specific final exam dates are hosted separately; see the links below.

- Refunds: <https://www.uttyler.edu/cashiers/refund/>
- Financial Aid: <https://www.uttyler.edu/financialaid/calendar/>
- Final Exams: <https://www.uttyler.edu/schedule/files/final-exam-schedule.pdf>

Expanded definitions and context are provided below for several key terms used within the Academic Calendar:

- **Census Date:**
  - This is the final date for many enrollment-related actions, including adding new courses, changing sections, or dropping courses without incurring grades of “W” or “Q”. Census is also the second drop for non-payment date each academic session. See the [Office of the Registrar website](#) for additional details.
- **Last day to withdraw from one or more courses:**
  - This is the final date students are eligible to withdraw from courses for grades of “W” or “Q”. After this date students can no longer formally drop/withdraw from courses and will receive grades based upon the work completed if they choose to discontinue attendance.
- **Priority filing date for graduation:**
  - This is the date students are encouraged to file for graduation by so their applications can be reviewed prior of the start of their final semester of enrollment. This date falls two weeks after enrollment has opened for the term.
- **Final filing deadline for graduation:**
  - This is the final date applications for graduation are accepted for the term; the application closes automatically at 11:59PM CST. Students who do not file their applications by this deadline are deferred to apply for graduation in the next available semester.
- **Deadline to resolve outstanding items for graduation:**
  - Per the Verification of Degree policy, this is the final date by which all graduation requirements (e.g., grades of incomplete, transcripts from other institutions) must be finalized. If the requirements have not been verified by this date, the student will be denied graduation and must re-file for graduation subject to the filing for graduation guidelines.

Certain important dates on the left-hand calendar portion are highlighted to indicate why they are significant to students and/or faculty and staff. The coloring of these highlights is explained below:

| Color  | Significance                                                                             |
|--------|------------------------------------------------------------------------------------------|
| Green  | First day of an academic session                                                         |
| Yellow | Final day of an academic session                                                         |
| Red    | Due dates and/or deadlines                                                               |
| Orange | University is closed or on skeleton workforce                                            |
| Blue   | General important dates, including first dates for enrollment or graduation applications |

**THE UNIVERSITY OF TEXAS AT TYLER**  
**Tentative Holiday Schedule**  
**2024-2025**

| Date                                                                                                                                                                                                      | Day       | Holiday                     | University Status |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------|-------------------|
| September 2, 2024                                                                                                                                                                                         | Monday    | Labor Day                   | Closed            |
| November 28, 2024                                                                                                                                                                                         | Thursday  | Thanksgiving Day            | Closed            |
| November 29, 2024                                                                                                                                                                                         | Friday    | Day after Thanksgiving      | Closed            |
| December 25, 2024                                                                                                                                                                                         | Wednesday | Christmas Day               | Closed            |
| January 1, 2025                                                                                                                                                                                           | Wednesday | New Year's Day              | Closed            |
| January 20, 2025                                                                                                                                                                                          | Monday    | Martin Luther King, Jr. Day | Closed            |
| March 17-21, 2025                                                                                                                                                                                         | Mon-Fri   | Spring Break                | Offices Open      |
| May 26, 2025                                                                                                                                                                                              | Monday    | Memorial Day                | Closed            |
| June 19, 2025                                                                                                                                                                                             | Thursday  | Juneteenth/Emancipation Day | Closed            |
| July 4, 2025                                                                                                                                                                                              | Friday    | Independence Day            | Closed            |
| <b><i>Refer to the university website for holiday updates. Holiday schedules are tentative until the Board of Regents approves the annual holiday schedule (typically during their July meeting).</i></b> |           |                             |                   |

**Holiday Leave**

Employees appointed to work at least 20 hours per week for a period of at least 4.5 continuous months are eligible for holiday leave. Faculty must be appointed for at least 50% time for at least 4.5 continuous months to be eligible. Students employed in positions which require student status as a condition of employment, are not eligible for paid holiday leave.

The Texas legislature determines the number of holidays observed by all state agencies and institutions of higher education. The total number of holidays consists of various national and state holidays. Institutions of higher education are granted flexibility to establish their own schedules. The university observes the same number of holidays as other state agencies though the schedules may differ.

**Winter Break**

Winter break is observed between Monday, December 23, 2024, through Tuesday, December 31, 2024.

**Religious Holidays**

It is the policy of UT Tyler to provide reasonable accommodation to employees who wish to observe a religious holiday that occurs on a day the University is scheduled to be open. Employees who wish to observe a religious holiday or holy day should refer to the policy.

## Spring Semester 2025 – 15-Week Session

| JANUARY 2025  |    |    |    |    |    |    | JANUARY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------|----|----|----|----|----|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S             | M  | T  | W  | T  | F  | S  | <b>1</b> New Year's Day, all offices closed<br><b>2</b> First Day to File for Fall 2025 Graduation<br><b>10</b> Payment Deadline, 5:00PM CST<br><b>13</b> Classes begin for 15-Week session.<br>Deadline to resolve outstanding items for Fall 2024 graduation.<br><b>20</b> Martin Luther King, Jr. Holiday, all offices closed, no classes<br><b>21</b> First drop for non-payment<br><b>27</b> Census Date                                                                                                                          |
|               |    |    | 1  | 2  | 3  | 4  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 5             | 6  | 7  | 8  | 9  | 10 | 11 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 12            | 13 | 14 | 15 | 16 | 17 | 18 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 19            | 20 | 21 | 22 | 23 | 24 | 25 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 26            | 27 | 28 | 29 | 30 | 31 |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| FEBRUARY 2025 |    |    |    |    |    |    | FEBRUARY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| S             | M  | T  | W  | T  | F  | S  | <b>3</b> Registration for Summer 2025 begins<br><b>5</b> Payment Deadline, 5:00PM CST<br>Second drop for non-payment<br><b>17</b> Mid-Term Grade Rosters Open                                                                                                                                                                                                                                                                                                                                                                          |
|               |    |    |    |    |    | 1  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 2             | 3  | 4  | 5  | 6  | 7  | 8  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 9             | 10 | 11 | 12 | 13 | 14 | 15 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 16            | 17 | 18 | 19 | 20 | 21 | 22 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 23            | 24 | 25 | 26 | 27 | 28 |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MARCH 2025    |    |    |    |    |    |    | MARCH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| S             | M  | T  | W  | T  | F  | S  | <b>1</b> Final Filing Deadline for Spring 2025 Graduation<br><b>10</b> Last Day to enter Mid-Term Grades<br><b>14</b> Textbook orders due from Faculty for Summer and Fall 2025<br><b>17-21</b> Spring break for faculty and students (Students attending the Houston campus will observe Spring Break March 10-14, 2025, to align with the Houston Community College schedule).<br><b>31</b> Last day to withdraw from one or more 15-Week courses.<br>Last day to schedule thesis or dissertation defense for Spring 2025 Graduation |
|               |    |    |    |    |    | 1  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 2             | 3  | 4  | 5  | 6  | 7  | 8  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 9             | 10 | 11 | 12 | 13 | 14 | 15 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 16            | 17 | 18 | 19 | 20 | 21 | 22 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 23            | 24 | 25 | 26 | 27 | 28 | 29 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 30            | 31 |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| APRIL 2025    |    |    |    |    |    |    | APRIL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| S             | M  | T  | W  | T  | F  | S  | <b>1</b> Registration for Fall 2025 begins for graduate/senior/Presidential Fellow/Honors/SI Leader/NCAA students.<br><b>2</b> Registration for Fall 2025 begins for juniors<br><b>3</b> Registration for Fall 2025 begins for sophomores<br><b>4</b> Registration for Fall 2025 begins for freshmen<br><b>14</b> Last day to submit completed thesis or dissertation for Spring 2025 Graduation<br><b>28-30</b> Final exams<br><b>29</b> Final grade rosters open for 15-Week session                                                 |
|               |    | 1  | 2  | 3  | 4  | 5  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 6             | 7  | 8  | 9  | 10 | 11 | 12 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 13            | 14 | 15 | 16 | 17 | 18 | 19 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 20            | 21 | 22 | 23 | 24 | 25 | 26 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 27            | 28 | 29 | 30 |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MAY 2025      |    |    |    |    |    |    | MAY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| S             | M  | T  | W  | T  | F  | S  | <b>1-2</b> Final exams continue<br><b>2-3</b> Spring Commencement<br><b>3</b> End of 15-Week session<br><b>6</b> Final 15-Week grades due in Faculty Center by 12:00PM CST<br><b>26</b> Memorial Day holiday: all offices closed; no classes held<br><b>30</b> Last day to submit completed thesis or dissertation for Spring 2025 (Biotech students only)                                                                                                                                                                             |
|               |    |    |    | 1  | 2  | 3  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 4             | 5  | 6  | 7  | 8  | 9  | 10 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 11            | 12 | 13 | 14 | 15 | 16 | 17 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 18            | 19 | 20 | 21 | 22 | 23 | 24 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 25            | 26 | 27 | 28 | 29 | 30 | 31 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

Revised 2024.08.09

### **“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>

### **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 12<sup>th</sup> 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.uttyler.edu/ohr.hop/files/HOPCh2-8-31-03.pdf>), *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."