

THE UNIVERSITY OF TEXAS AT TYLER

Department of Health and Kinesiology

Course Syllabus – ALHS 3301: Environmental Health

Spring 2022

Course Title: Environmental Health
Course Number: ALHS 3301
Credit Hours: 3
Class Meeting: HPC 2255
Instructor Name: Chris Frydenlund, MS
Office: Zoom or Teams
Office Hours: Requested via email
Phone: (903) 566-6168
E-mail: cfrydenlund@uttyler.edu (prefered over canvas email)
Required Text: Maxwell's Understanding Environmental Health: How We Live In The World, 3d edition.

Course Goal: gain a comprehensive overview of issues, laws, hazards and safe guards concerning both natural and man-made environments.

Course Description: This course is designed to provide students with an introduction to and overview of the key areas of environmental health. Students will gain an understanding of the interconnection of individuals and communities with the environment, and the potential impact on individual health from environmental conditions.

Instructional Methods: Classes will consist of in-person lectures and Canvas course work. Student learning activities within Canvas modules include, but may not be limited to: (a) textbook and article readings; (b) completing quizzes; (c) participating in small-group and class discussions; and (d) midterm and final examinations. Modules are sequential with textbook and assignments are open for 2 weeks *only*. The modules start Wednesdays before class and end the next second Tuesday evening before class. Students are expected to prepare for class by reading textbook chapters before lectures.

Course Objectives: Students who complete this course will be able to:

1. Discuss the history and definition of environmental health.
2. Identify how populations' levels affect available resources and environmental balances.
3. Describe methods used to assess environmental exposures and hazards within the fields of epidemiology and toxicology.
4. Describe public policies that have been developed to manage health risks associated with exposures to environmental hazards.
5. Identify biological, physical, chemical and radiological hazards that impact human health and environments.
6. Apply concepts of environmental health to career fields such as water quality control, food safety, occupational health, and injury prevention.

7. Provide opportunity for class participation, allowing each student to demonstrate their subject knowledge and learn from each other.

General Course Guidelines

1. A weekly quiz will be due during the week of the module. Subject matter covered in these quizzes will include material covered in lecture, any additional PowerPoints, and reading assignment for the module. The lowest quiz grade will be dropped at the end of the semester.
2. Students will be evaluated by assessing attendance, preparation for class, class participation, performance on weekly quizzes, grammar and content of online homework and discussion questions, one midterm examination, and one final examination. The format of any quizzes or exams will be true/false, matching, multiple choice and essay.
3. The census date is 24 January 2022; the last day to drop a course is 28 March 2022
4. Attendance and make-ups will be addressed on a case-by-case basis. Contact me at least 1 week prior to missing class due to academic or athletic events. Medical excuses must be accompanied by a doctor's notice.
5. Grading
 A= 90-100%
 B=80-89
 C=70-79
 D=60-69
 F=59 and below

Evaluation

<u>Source</u>	<u>Percentage of Grade</u>
Ave. of homework	10%
Avg. of quiz grades	10%
Attendance/Participation	5%
Discussions	15%
Article Reviews	10%
Exam #1	25%
Exam #2	25%
Weekly Schedule	Topics, Reading, and Assignments
Week of January 10th, 2022	Envrionmental Hazards to Human Health and The Science of Environmental Health Read: <i>Chapter 1</i> and <i>Chapter 2</i> Due this week: Chapter 1 and 2 Homework and Quiz

Week of January 24th, 2022	Environmental Epidemiology <i>Reading assignment: Chapter</i> Due this week: Chapter 2 Homework and Quiz
Week of January 31th, 2022	Managing Environmental Health Risks <i>Reading assignment: Chapter 3, Article</i> Due this week: Chapter 3 Homework and Quiz, and Article Review
Week of February 14th, 2022	Living with Nature <i>Reading assignment: Chapter 4</i> Due this week: Chapter 4 Homework and Quiz and Article Review
Week of February 21th, 2022	Producing Food <i>Reading assignment: Chapter 5</i> Due this week: Chapter 5 Homework and Quiz; Discussion 1
Week of February 28th, 2022	Midterm Examination (covers Chapters 1 through 4)
Week of March 14th, 2022	Producing Manufactured Goods <i>Reading assignment: Chapter 6</i> Due this week: Chapter 6 Homework and Quiz and Article Review
Week of March 28th, 2022	Producing Energy <i>Reading assignment: Chapter 7</i> Due this week: Chapter 7 Homework and Quiz and Article Review
Week of April 11th, 2022	Living in the World We Made <i>Reading assignment: Chapter 8</i> Due this week: Chapter 9 Homework and Quiz
April 27th, 2022	Final Examination (covers Chapters 5 - 8)

UT Tyler Honor Code

Every member of the UT Tyler community joins together to embrace: Honor and integrity that will not allow me to lie, cheat, or steal, nor to accept the actions of those who do.

Students 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/rightsresponsibilities.php>

Campus Carry

We respect the right and privacy of students 21 and over who are duly licensed to carry concealed weapons in this class. License holders are expected to behave responsibly and keep a handgun secure and concealed. More information is available at <http://www.uttyler.edu/about/campus-carry/index.php>

UT Tyler a Tobacco-Free University

All forms of tobacco will not be permitted on the UT Tyler main campus, branch campuses, and any property owned by UT Tyler. This applies to all members of the University community, including students, faculty, staff, University affiliates, contractors, and visitors.

Forms of tobacco not permitted include cigarettes, cigars, pipes, water pipes (hookah), bidis, kreteks, electronic cigarettes, smokeless tobacco, snuff, chewing tobacco, and all other tobacco products.

There are several cessation programs available to students looking to quit smoking, including counseling, quitlines, and group support. For more information on cessation programs please visit www.uttyler.edu/tobacco-free.

Grade Replacement/Forgiveness and Census Date Policies

Students repeating a course for grade forgiveness (grade replacement) must file a Grade Replacement Contract with the Enrollment

Services Center (ADM 230) on or before the Census Date of the semester in which the course will be repeated. Grade Replacement Contracts are available in the Enrollment Services Center or at <http://www.uttyler.edu/registrar>. Each semester's Census Date can be found on the Contract itself, on the Academic Calendar, or in the information pamphlets published each semester by the Office of the Registrar.

Failure to file a Grade Replacement Contract will result in both the original and repeated grade being used to calculate your overall grade point average. Undergraduates are eligible to exercise grade replacement for only three course repeats during their career at UT Tyler; graduates are

eligible for two grade replacements. Full policy details are printed on each Grade Replacement Contract.

The Census Date is the deadline for many forms and enrollment actions of which students need to be aware. These include:

- Submitting Grade Replacement Contracts, Transient Forms, requests to withhold directory information, approvals for taking courses as Audit, Pass/Fail or Credit/No Credit.
- Receiving 100% refunds for partial withdrawals. (There is no refund for these after the Census Date)
- Schedule adjustments (section changes, adding a new class, dropping without a “W” grade)
- Being reinstated or re-enrolled in classes after being dropped for non-payment
- Completing the process for tuition exemptions or waivers through Financial Aid

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 Academic Calendar for the specific date).

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

Disability/Accessibility Services

In accordance with Section 504 of the Rehabilitation Act, Americans with Disabilities Act (ADA) and the ADA Amendments Act (ADAAA) the University of Texas at Tyler offers accommodations to students with learning, physical and/or psychological disabilities. If you have a disability, including a non-visible diagnosis such as a learning disorder, chronic illness, TBI, PTSD, ADHD, or you have a history of modifications or accommodations in a previous educational environment, you are encouraged to visit <https://hood.accessiblelearning.com/UTTyler> and fill out the New Student application. The Student Accessibility and Resources (SAR) office will contact you when your application has been submitted and an appointment with Cynthia Lowery, Assistant Director of Student Services/ADA Coordinator. For more information, including filling out an application for services, please visit the SAR webpage at <http://www.uttyler.edu/disabilityservices>, the SAR office located in the University Center, # 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 FERPA 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

Everyone is required to exit the building when a fire alarm goes off. Follow your instructor's directions regarding the appropriate exit. If you require assistance during an evacuation, inform your instructor in the first week of class. Do not re-enter the building unless given permission by University Police, Fire department, or Fire Prevention Services.

Student Standards of Academic Conduct

Disciplinary proceedings may be initiated against any student who engages in scholastic dishonesty, including, but not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts.

- i. "Cheating" includes, but is not limited to:
 - copying from another student's test paper;
 - using, during a test, materials not authorized by the person giving the test;
 - failure to comply with instructions given by the person administering the test;
 - possession during a test of materials which are not authorized by the person giving the test, such as class notes or specifically designed "crib notes". The presence of textbooks constitutes a violation if they have been specifically prohibited by the person administering the test;
 - using, buying, stealing, transporting, or soliciting in whole or part the contents of an unadministered test, test key, homework solution, or computer program;
 - collaborating with or seeking aid from another student during a test or other assignment without authority;
 - discussing the contents of an examination with another student who will take the examination;
 - divulging the contents of an examination, for the purpose of preserving questions for use by another, when the instructors has designated that the examination is not to be removed from the examination room or not to be returned or to be kept by the student;
 - substituting for another person, or permitting another person to substitute for oneself to take a course, a test, or any course-related assignment;
 - paying or offering money or other valuable thing to, or coercing another person to obtain an unadministered test, test key, homework solution, or computer program or information about an unadministered test, test key, home solution or computer program;
 - falsifying research data, laboratory reports, and/or other academic work offered for credit;
 - taking, keeping, misplacing, or damaging the property of The University of Texas at Tyler, or of another, if the student knows or reasonably should know that an unfair academic advantage would be gained by such conduct; and
 - misrepresenting facts, including providing false grades or resumes, for the purpose of obtaining an academic or financial benefit or injuring another student academically or financially.

- ii. “Plagiarism” includes, but is not limited to, the appropriation, buying, receiving as a gift, or obtaining by any means another’s work and the submission of it as one’s own academic work offered for credit.
- iii. “Collusion” includes, but is not limited to, the unauthorized collaboration with another person in preparing academic assignments offered for credit or collaboration with another person to commit a violation of any section of the rules on scholastic dishonesty.
- iv. All written work that is submitted will be subject to review by plagiarism software.

UT Tyler Resources for Students

- [UT Tyler Writing Center](#) (903.565.5995), writingcenter@uttyler.edu
- [UT Tyler Tutoring Center](#) (903.565.5964), tutoring@uttyler.edu
- The Mathematics Learning Center, RBN 4021, this is the open access computer lab for math students, with tutors on duty to assist students who are enrolled in early-career courses.
- [UT Tyler Counseling Center](#) (903.566.7254)