

University of North Texas
Department of Kinesiology, Health Promotion, and Recreation
Spring 2019

HLTH 1570: Environmental Health and Safety

Instructor: Doryce Judd
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Office Hours:

Monday and Wednesday 11:30 am – 1:00 pm

All other times by appointment

Course Description

Look at the role and function of the health educator in maintaining a safe, healthy environment; safety procedures in the school and community; psychology of accident prevention, environmental pollution problems and methods of control.

Recommended Text

Morgan, M. (2003) *Environmental Health 3rd Ed.*, Wadsworth, Belmont, CA.

Course Objectives

By the completion of this 3 hour credit course, the student should be able to:

- Summarize the history of ecological concern in the world and the United States.
- Explain consequences of increasing population density.
- Explain the relationship of water demand and limits on its supply in the United States.
- Identify major water pollutants.
- Identify methods of solid waste disposal.
- Explain special problems associated with toxic waste disposal and relate it to urban and rural living in the United States.
- Identify leading indoor and outdoor air pollutant
- Describe consequences of human consumption and modification of the environment.
- Identify actions that individuals and groups can take to preserve resources and the environment.
- Understand the roles of government and voluntary organizations in regulating and protecting the safety of community and occupational environments.
- Identify occupational health risks.

Acceptable Student Behavior:

Student behavior that interferes with an instructor's ability to conduct a class or other students' opportunity to learn is unacceptable and disruptive and will not be tolerated in any instructional forum at UNT. Students engaging in unacceptable behavior will be directed to leave the classroom and the instructor may refer the student to the Center for Student Rights and Responsibilities to consider whether the student's conduct violated the Code of Student Conduct. The university's expectations for student conduct apply to all instructional forums, including university and electronic classroom, labs, discussion groups, field trips, etc. The Code of Student Conduct can be found at www.deanofstudents.unt.edu

American Disabilities Act:

The University of North Texas makes reasonable academic accommodation for students with disabilities. Students seeking accommodation must first register with the Office of Disability Accommodation (ODA) to verify their eligibility. If a disability is verified, the ODA will provide you with an accommodation letter to be delivered to faculty to begin a private discussion regarding your specific needs in a course. You may request accommodations at any time, however, ODA notices of accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of accommodation for every semester and must meet with each faculty member prior to implementation in each class. Students are strongly encouraged to deliver letters of accommodation during faculty office hours or by appointment. Faculty members have the authority to ask students to discuss such letters during their designated office hours to protect the privacy of the student. For additional information see the Office of Disability Accommodation website at <http://www.unt.edu/oda>. You may also contact them by phone at 940.565.4323. The designated liaison for the Department of Kinesiology, Health Promotion and Recreation is Ms. Doryce Judd (Doryce.Judd@unt.edu). For additional information see the Office of Disability Accommodation website at <http://www.unt.edu/oda>. You may also contact them by phone at 940.565.4323.

Family Educational Rights and Privacy Act (FERPA) Information:

Students have the right to expect their grades will be kept confidential. There are a few things, because of the size and/or nature of this class, the instructor must advise you of collection and distribution of test results, quiz scores, homework assignments, roll sheets, projects, etc. During this class it may be necessary for students to pass assignments forward to the instructor or it may be necessary for the instructor to call the student's name and then return the completed assignment to by passing it across the room. The instructor, under the reasonable assumption

guidelines, assumes students are collecting only their own materials. Every attempt will be made to keep your information confidential. No grades will be posted in a way that could result in a student being identified by other students or faculty members.

Communication:

I will be using canvas as the format for class announcements, assignments, and calendar notes. Please use the email Doryce.judd@unt.edu to correspond with me electronically. Of course, I am available during office hours or before and after class.

Student Responsibilities:

It is your responsibility to come to class prepared, which includes completing all online learning modules, assignments, and readings. If you have questions or need help with content of the course, it is your responsibility to seek help and guidance. I am willing to help in any way within my limits as an instructor. Additionally, it is your responsibility to be respectful of the learning environment. Any behavior that is disruptive will not be tolerated.

Academic Integrity

Academic integrity emanates from a culture that embraces the core values of trust and honesty necessary for full learning to occur. As a student-centered public research university, the University of North Texas promotes the integrity of the learning process by establishing and enforcing academic standards. Academic dishonesty breaches the mutual trust necessary in an academic environment and undermines all scholarship.

The Student Standards of Academic Integrity are based on educational principles and procedures that protect the rights of all participants in the educational process and validate the legitimacy of degrees awarded by the University. In the investigation and resolution of all allegations of student academic dishonesty, the University's actions are intended be corrective, educationally sound, fundamentally fair, and based on reliable evidence. Publication of academic standards is an essential feature of the University's efforts to advance academic ideals and to protect the rights of the University community.

Attendance

Attendance of class meetings, online learning activities before their scheduled due date, and participation in online forum discussions are important in this class for the learning experience. Every student begins the semester with 50 points for attendance. With each class missed, there will be a 10 point reduction.

In class discussions and group activities are important aspects of the learning process. Every student must make an effort to participate in group assignments and discussions. Education is an incredible experience and is a **privilege**.

In order to fully engage in class and online forum discussions, attendance and completion of work is essential. I encourage you to attend every class. If you are unable to attend class, please let me know ahead of time. Again, if you are late and miss a scheduled exam, you will not be allowed to retake the exam unless you have received prior approval.

Exams

NOTE: You will be tested on the material covered in class.

Exams and quizzes will be administered online via Canvas. Failure to take exams on the schedule date will result in a zero on that exam unless the student speaks to the instructor **PRIOR** to the exam. If you log in late to an exam and it is already closed and not available, you will **NOT** be allowed to take the exam. Please speak to the instructor if you are going to have an exam day conflict

Grading.

Assignment

Exams (4 at 100)

Service Learning

Attendance

Point Value

400

100

50

Total Points

550

A= 495-550

B= 440-494

C= 385-439

D= 330-384

F= 329 or below

Tentative Course Schedule

Week 1 Jan.14-18

- **Monday:** Course Introduction
- **Wednesday:** Chapter 1 World Population
- **Friday: Service Learning**

Week 2: Jan. 21-25

- **Monday:** Chapter 2: Fundamentals of Environmental Health
- **Wednesday:** Chapter 2: Fundamentals of Environmental Health cont'd
- **Friday: Service Learning**
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Week 3: Jan. 28 – Feb. 1

- **Monday:** Chapter 3: Chronic and Communicable Diseases
- **Wednesday:** Chapter 4: Water Supplies
- **Friday: Service Learning**

Week 4: Feb. 4-8

- **Monday:** Chapter 5: Environmental Health in Recreational Areas
- **Wednesday: Review**
- **Friday: : EXAM #1 Chapters 1-5**

Week 5: Feb. 11-15

- **Monday:** Chapter 6: Wastewater Management
- **Wednesday: Service Learning**
- **Friday: Service Learning**

Week 6: Feb. 18-22

- **Monday:** Chapter 7: Solid and Hazardous Waste Management
- **Wednesday:** Chapter 8: Vectors and Their Control
- **Friday: Service Learning**

Week 7: Feb. 25- March 1

- **Monday:** Chapter 9: Toxicology
- **Wednesday: Review**
- **Friday: Exam II: Chapters 6-9**

Week 8: March 4-8

- **Monday:** Chapter 10: Radiology Health
- **Wednesday:** Chapter 11: Food Protection and Safety
- **Friday: Service Learning**

Week 9: March 11-15

- **SPRING BREAK**

Week 10: March 18-22

- **Monday:** Chapter 12: Shelter Environments
- **Wednesday:** Chapter 13: Environmental Safety
- **Friday: Exam III: Chapters 10-13**

Week 11: March 25-29

- **Monday:** Chapter 14: Air Quality;
- **Wednesday:** Chapter 15: Occupational Health
- **Friday: Service Learning**

Week 12: April 1-5

- **Monday:** Chapter 16: Environmental Planning
- **Wednesday:** Chapter 17: Principles of Environmental Health Administration
- **Friday: EXAM IV: Chapters 14-17**

Week 13: April 8-12

- **Monday: Service Learning**
- **Wednesday: Service Learning**
- **Friday: Service Learning**
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Week 14: April 15-19

- **Monday: PRESENTATIONS**
- **Wednesday: PRESENTATIONS**
- **Friday: PRESENTATIONS**

Week 15: April 22-26

- **Monday: PRESENTATIONS**
- **Wednesday: PRESENTATIONS**
- **Friday: PRESENTATIONS**

Week 16: April 29-May 3

FINALS WEEK