



HHPH, 210, 01W, ENVIRONMENTAL HEALTH

COURSE SYLLABUS: SUMMER I 2023

INSTRUCTOR INFORMATION

Instructor: Kaylie Daniels, MS, RDN, LD
Office Location: NHS 134, Virtual via Zoom
Office Hours: By Appointment
Office Phone: 903-886-5549
Office Fax: 903-886-5365
University Email Address: kaylie.daniels@tamuc.edu
Preferred Form of Communication: **Email**
Communication Response Time: 24-48 hours

COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings

Textbook(s) Required: Friis, R. H. (2019). Essentials of environmental health (3rd ed.). Burlington, MA: Jones & Bartlett Learning.

Optional Texts and/or Materials: All written assignments are to be submitted in APA format unless otherwise noted in the assignment directions. All students are encouraged to have a current copy of the American Psychological Association. (2020). Publication manual of the American Psychological Association (7th ed.).

Websites:

Environmental Protection Agency: <http://www.epa.gov/>

Centers for Disease Control: <http://www.cdc.gov/>

National Institute of Environmental Health Sciences: <http://www.niehs.nih.gov/>

National Environmental Health Association (NEHA): <https://www.neha.org/>

Course Description

Environment is approached as one of the determinants of health for individuals and human populations. Therefore, this course focuses on the need to control factors that

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are harmful to human life, the requisites of life, water, air, food, space, and shelter. This course will examine methods including, but not limited to controlling agents that cause disease, communicable disease control, wastewater treatment, solid waste management, insect and rodent control, radiation control, and environmental management.

Student Learning Outcomes (Should be measurable; observable; use action verbs)

1. Discuss the history and definition of environmental health.
2. Discuss the association between population growth and dissemination of environmental pollutants.
3. Describe methods used in epidemiology and toxicology to assess environmental exposures and hazards.
4. Describe policies that have been developed to manage health risks associated with exposures to environmental hazards.
5. Identify chemical, physical, and biological agents that originate in the environment and can impact human health.
6. Describe specific applications of environmental health concepts to fields such as water quality control, food safety, occupational health, and injury prevention.

COURSE REQUIREMENTS

Minimal Technical Skills Needed

Students should have a basic knowledge of computer and Internet skills in order to be successful in an online course. Here are some highlights:

1. Knowledge of terminology, such as browser, application, URL, etc.
2. Understanding of basic computer hardware and software; ability to perform computer operations, such as: managing files and folders: save, name, copy, move, backup, rename, delete, check properties
3. Ability to use the learning management system, using Microsoft Word and PowerPoint, using presentation and graphics programs, accessing, and navigating sites like YouTube
4. Knowledge of copying and pasting, spell-checking, saving files in different formats and sending and downloading attachments
5. Internet skills (connecting, accessing, using browsers) and ability to perform online research using various search engines and library databases.
6. Ability to use online communication tools, such as email (create, send, receive, reply, print, send/receive attachments), discussion boards (read, search, post, reply, follow threads), chats, etc.

Instructional Methods

We will study various environmental health issues through textbook readings, discussions, homework, projects, and exams.

Student Responsibilities or Tips for Success in the Course

Strong reading and writing skills:

- Most of the material in the online environment will come from your textbooks, discussions, chapter PowerPoints, and videos; therefore, strong reading, writing and critical thinking skills are very important for success in an online course.
- Success in this class will come from independent reading of textbook chapters as well as other assigned material. The syllabus/schedule are subject to change.

Self-motivated and independent learner:

- While online courses can offer more flexibility in scheduling, they require more self-discipline and independence than on-campus courses.
- In the online environment, you must be able to start and to work on tasks on your own, without someone keeping you focused, and you have to be self-disciplined in order to follow the class schedule and meet deadlines.

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Time commitment:

- Online classes take as much time as regular on-campus classes. You need to set aside sufficient time for study. Plan to spend at least as much time working on the assignments and studying as you would with a traditional course.
- Even though you may not have to "be" in class on some specific day and time, you still must follow the course schedule provided. Remember that online classes are not independent study courses; you are still required to "show up" and participate actively (e.g., regularly logging into the course website, actively participating, and turning in assignments on time).

Active Learner:

- Online students must be active learners, self-starters who are not shy or afraid to ask questions when they do not understand. Remember that you are in control of your learning process.
- Since I cannot see you, you need to "speak up" right away if you have problems and be as explicit as possible; otherwise, there is no way I will know that something is wrong.

GRADING

Final grades in this course will be based on the following scale:

Total points corresponding to the final letter grades

A = 900-1020 Points

B = 800-899 Points

C = 700-799 Points

D = 600-699 Points

F = <599 Points

Intro Discussion (1x10)	10 Points
Syllabus Quiz (1x10)	10 Points
Assignments (10x10)	100 Points
Discussions (4x50)	200 Points
Project (1x200)	200 Points
Exams (4x100)	400 Points
TOTAL	1020 Points

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Assessments

Introduction Week (Syllabus Quiz & Introduction Discussion: 10 points each = 20 points): During the introduction week, students will read over the syllabus and complete a syllabus quiz in addition to introducing themselves to the class.

Chapter Readings: Students are expected to read the assigned chapters in the required text for that module.

Chapter Assignments (10 x 10 = 100 points): Students will complete 10-chapter assignments related to the weekly readings; specific assignment instructions are within the course module.

Chapter Quizzes (10 x 10 = 100 points): Students will complete 10 online chapter quizzes during the semester.

- You must take each one, which will prepare you for the section examinations.
- Students will be unable to make-up a quiz when the due date has passed.
- Quizzes are only accessible one time; thus, be prepared once you enter the quiz.

Discussion (4 x 50 points = 200 points): As a part of the course dialog students will be required to post to 4 section discussion boards.

- Grading is according to each student's in-depth understanding of the material and some type of personal reflection that leads to a continuation of the discussion.
- Additional discussion criteria are available within the section module.

Project (1 x 200 points = 200 points): Students will research and analyze an environmental health issue and its impact on human health.

Project will take place in two parts:

- Part 1: Research Paper
- Part 2: Public Service Announcement

The paper will serve as the research for the part two of the project, which is developing a Public Service Announcement (PSA) for your chosen topic. Additional project guidelines are provided within the course content module.

Exams (2 x 200pts. = 400 points): Two exams (Mid-term and Final) will be administered throughout the semester over all information covered in the chapter readings, quizzes, discussions, and the book.

TECHNOLOGY REQUIREMENTS

LMS

All course sections offered by Texas A&M University-Commerce have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are technical requirements

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LMS Requirements:

<https://community.brightspace.com/s/article/Brightspace-Platform-Requirements>

LMS Browser Support:

https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm

YouSeeU Virtual Classroom Requirements:

<https://support.youseeu.com/hc/en-us/articles/115007031107-Basic-System-Requirements>

ACCESS AND NAVIGATION

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or helpdesk@tamuc.edu.

Note: Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a TAMUC campus open computer lab, etc.

COMMUNICATION AND SUPPORT

If you have any questions or are having difficulties with the course material, please contact your Instructor.

Technical Support

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here:

<https://community.brightspace.com/support/s/contactsupport>

Interaction with Instructor Statement

The syllabus/schedule are subject to change.

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Course Specific Procedures/Policies

Syllabus Change Policy

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

University Specific Procedures

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The Code of Student Conduct is described in detail in the [Student Guidebook](http://www.tamuc.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx).
<http://www.tamuc.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx>

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum:
<https://www.britannica.com/topic/netiquette>

TAMUC Attendance

For more information about the attendance policy please visit the [Attendance](#) webpage and [Procedure 13.99.99.R0.01](#).
<http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx>
<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf>

Academic Integrity

Students at Texas A&M University-Commerce are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

[Undergraduate Academic Dishonesty 13.99.99.R0.03](#)
[Undergraduate Student Academic Dishonesty Form](#)

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/documents/13.99.99.R0.03UndergraduateStudentAcademicDishonestyForm.pdf>

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[Graduate Student Academic Dishonesty Form](#)

<http://www.tamuc.edu/academics/graduateschool/faculty/GraduateStudentAcademicDishonestyFormold.pdf>

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/undergraduates/13.99.99.R0.03UndergraduateAcademicDishonesty.pdf>

Students with Disabilities-- ADA Statement

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services

Texas A&M University-Commerce

Velma K. Waters Library Rm 162

Phone (903) 886-5150 or (903) 886-5835

Fax (903) 468-8148

Email: studentdisabilityservices@tamuc.edu

Website: [Office of Student Disability Resources and Services](#)

<http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/>

Nondiscrimination Notice

Texas A&M University-Commerce will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in Texas A&M University-Commerce buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal

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Code (PC) 46.035 and A&M-Commerce Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

For a list of locations, please refer to the [Carrying Concealed Handguns On Campus](#) document and/or consult your event organizer.

Web url:

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all A&M-Commerce campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

A&M-Commerce Supports Students' Mental Health

The Counseling Center at A&M-Commerce, located in the Halladay Building, Room 203, offers counseling services, educational programming, and connection to community resources for students. Students have 24/7 access to the Counseling Center's crisis assessment services by calling 903-886-5145. For more information regarding Counseling Center events and confidential services, please visit www.tamuc.edu/counsel

Department or Accrediting Agency Required Content

COURSE OUTLINE / CALENDAR

Date	Module	Topics to Cover	Assignments	Assignments Due by 11:59PM
6/5-6/11	1	<u>Chapter 1</u> : Introduction: The Environment at Risk <u>Chapter 2</u> : Environmental Epidemiology <u>Chapter 3</u> : Environmental Toxicology <u>Chapter 4</u> : Environmental Policy & Regulation	Syllabus Quiz Intro-Discussion Chapter Assignments/Quizzes	6/11
6/12-6/18	2	<u>Chapter 5</u> : Zoonotic & Vector-Borne Diseases <u>Chapter 6</u> : Toxic Metals & Elements <u>Chapter 7</u> : Pesticides & Other Organic Chemicals <u>Chapter 8</u> : Ionizing & Nonionizing Radiation	Chapter Assignments/Quizzes	6/18
6/19-6/25	3	<u>Chapter 9</u> : Water Quality <u>Chapter 10</u> : Air Quality	Mid-Term Exam (Chapters 1-8)	6/25

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		<u>Chapter 11:</u> Food Safety	Part 1 – Research Paper Chapter Assignments/Quizzes	
6/26-7/2	4	<u>Chapter 12:</u> Solid & Liquid Wastes <u>Chapter 13:</u> Occupational Health <u>Chapter 14:</u> Injuries with a Focus on Unintentional Injuries and Death	Chapter Assignments/Quizzes	7/2
7/3-7/6			Part 2 – PSA Project Final Exam (Chapters 9-14)	7/6

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