

HHPH 210.01W, .02W Environmental Health Course Syllabus

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Office Hours By appointment

Text:

Morgan, M.T. (2003). *Environmental Health*. (3rd ed.). Belmont, CA: Wadsworth/Thomason Learning.

Description:

This course covers environmental health topics of importance to the health promotion practitioner. Environment is approached as one of the determinants of health for individuals and human populations

General Information & Course Objectives:

Using the perspectives of the population and community, the course will cover factors associated with the development of environmental health problems. Students will gain an understanding of the interaction of individuals and communities with the environment, the potential impact on health of environmental agents, and specific applications of concepts of environmental health. The course will cover principles derived from core environmental health disciplines.

Upon Completion of this course, students should be able to:

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 microbial agents that originate in the environment and can impact human health.

Describe specific applications of environmental health concepts to fields such as water quality control, food safety, and occupational health.

Requirements:

Quizzes, Discussions, Assignments & Exams

A. Weekly Chapter Readings/Online Quizzes (10x 20 pts. = 200 points)

Students are expected to read the assigned chapters in the required text. Students will complete 10 online quizzes related to the chapters over the course of the semester. **All quizzes are due by midnight on the last day of the course module.** 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. Quizzes consist of 25 multiple choice, true and false and/or matching questions. Quizzes are set at 35 minutes, which is a sufficient amount of time to answer the questions if properly prepared!!! If you are accidentally locked out of a quiz, I can reset the quiz only if the due date has not expired. Therefore, do not wait to the last minute to take the quiz.

B. Participation in Discussions (5x 40pts. = 200 points)

As a part of the course dialog students will be required to post to (5) discussion boards (This does not include the introductory discussion board). I will grade discussion boards 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. You may earn a maximum of 40 points per discussion. A minimum of 125 words for the original posting and 75 words for 2 peer responses. In addition to your textbook, you must back up your original post with **(1) outside credible** reference as well as **using proper APA formatting**. Please refrain from using sources; such as, Wikipedia or online media sources (i.e. livestrong.com, etc.) Peer

reviewed journal articles, credible websites; such as, Environmental Protection Agency, CDC or the American Public Health Association may be used as a credible source. Again, you must cite the source in your original posting with correct APA formatting. **All postings to the discussion boards are due by midnight on the last day of the course module.**

C. Assignments (5 x 40pts. = 200 points)

There are five assignments in this class. Each one ties closely to the content of the corresponding lecture part of the course. Detailed instructions will be provided with each assignment in the course modules. Assignments are to be turned in a Word document and uploaded to the Dropbox. Assignments are normally intended as individual projects unless otherwise directed. Shared work may be treated as a form of plagiarism. Assignments may be required to be submitted via www.turnitin.com in this course. This tool will pick up any passages in students' work that comes from another source. Be sure to adequately cite your sources/references in APA format for these assignments to avoid plagiarism. **All postings to the assignments are due by midnight on the last day of the course module.**

D. Exams (2 x 100pts. = 200 points)

Two exams will be administered throughout the semester, covering all information covered in class, quizzes, discussions, and the book. **Exams are due by midnight on the last day of the course module.**

Grading Procedure and Scale:

Syllabus Quiz	10 points
Quizzes (12x 20)	240 points
Discussions (5 x 40)	200 points
Assignments (5 x 40)	200 points
Mid Term Exam	100 points
Final Exam	100 points

A	800 - 850 points
B	700 - 799 points
C	600 – 699 points
D	500 – 599 points
F	0 - 499 and below

How is the Course Organized?

The course is organized by weekly modules. Each module will be formatted similarly including chapter learning objectives, printable power point slides, an audio lecture, discussion boards, and weekly quizzes. A course schedule is listed at the bottom of the syllabus.

What Should Students Do First?

Students should begin by:

- Thoroughly reviewing the syllabus
- Order the textbook
- Familiarizing oneself with the course layout
- Taking the syllabus quiz
- Introducing yourself in the Week 1 introduction discussion

How Should Students Proceed Each Week for Class Activities?

- The student will access and follow all course instructions found in the weekly module content areas. The weekly module content area of our course is found on the left navigation bar.
- The student will listen to all online lectures provided in the Power Point section of each week.
- The student will complete all exam, quizzes, and respond to posted online course discussion questions.

Communication & Support:

Interaction with Instructor Statement:

- **E-mail strategy:** You are welcome to email (rebecca.rouse@tamuc.edu) your questions or concerns to me. There are, however, some caveats associated with email that you must remember:
 - 1) Do not expect an immediate response to your questions. A reasonable response time to emailed questions is 24 - 48 hours.
 - 2) Questions emailed on weekends may not receive a response until the work week begins.
 - 3) As the instructor, I reserve the right to answer emailed questions regarding assignments, tests, discussion boards, etc., in a direct email to everyone for the benefit of all students.
 - 4) Please be courteous and professional in all of your interactions with me and fellow students.

eCollege Student Technical Support

Texas A&M University-Commerce provides students technical support in the use of eCollege. The student help desk may be reached by the following means 24 hours a day, seven days a week.

- o **Chat Support:** Click on 'Live Support' on the tool bar within your course to chat with an eCollege Representative.
- o **Phone:** 1-866-656-5511 (Toll Free) to speak with eCollege Technical Support Representative.
- o **Email:** helpdesk@online.tamuc.org to initiate a support request with eCollege Technical Support Representative.
- o **Help:** Click on the 'Help' button on the toolbar for information regarding working with eCollege (i.e. How to submit to Dropbox, How to post to Discussions etc...)

The following information has been provided to assist you in preparing to use technology in your online courses. The following technology is recommended to be successful in this online course. [List those technologies needed for your online course.]

Internet connection – high speed recommended (not dial-up)
Speaker or headset – for audio lectures
Word Processor

Additionally, the following hardware and software are necessary to use eCollege.

Our campus is optimized to work in a Microsoft Windows environment. This means our courses work best if you are using a Windows operating system (XP or newer) and a recent version of Microsoft Internet Explorer (6.0, 7.0, or 8.0).

It is strongly recommended that you perform a "Browser Test" prior to the start of your course. To launch a browser test, login in to eCollege, click on the 'myCourses' tab, and then select the "Browser Test" link under Support Services.

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Course Specific Procedures:

Attendance: Attendance for this online class is considered when you are logged in and active in the class eCollege i.e., posting assignments, taking quizzes, and/or completing discussion boards. If you are absent/not active in the class, it is **YOUR** responsibility to let the instructor know immediately, upon your return to class, the reason for your absence if it is to be excused. **NO LATE ASSIGNMENTS WILL BE ACCEPTED.**

Syllabus Deviation Policy:

The course syllabus provides a general plan for the course; deviations may be necessary.

Academic Honesty Policy

- Texas A&M University-Commerce does not tolerate **plagiarism** and other forms of academic **dishonesty**. Conduct that violates generally accepted standards of academic honesty is defined as academic dishonesty. "Academic dishonesty" includes, but is not limited to, plagiarism (the appropriation or stealing of the ideas or words of another and passing them off as one's own), cheating on exams or other course assignments, collusion (the unauthorized collaboration with others in preparing course assignments), and abuse (destruction, defacing, or removal) of resource material. Be aware that the intent to deceive the reader does not have to be present for plagiarism to occur. For more information, please go to <http://www.plagiarism.org/>. **If you are in any doubt as to whether your work constitutes plagiarism or academic dishonesty, please discuss this with me confidentially.**

University Specific Procedures

ADA Statement for Students with Disabilities

Students with Disabilities:

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

Gee Library

Room 132

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

Fax (903) 468-8148

StudentDisabilityServices@tamuc.edu

Student Conduct:

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. (See *Code of Student Conduct from Student Guide Handbook*).

Campus Concealed Carry:

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 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 (<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>) and/or consult your event organizer). 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.

Course Schedule: DATES AND ASSIGNMENTS ARE TENTATIVE AND SUBJECT TO CHANGE

Week Of	Chapter / Activity	Assignments Due by 11:59pm the last day of the course module.
8.29	Syllabus Review Introduction Discussion	Syllabus Quiz (9.4) Introduction Discussion (9.4)
9.5 Mod 1	Chapter 1: World Population	Discussion #1 (9.11) Chapter Quiz (9.11) Assignment #1 (9.11)
9.12 Mod 2	Chapter 2: Fundamentals of Environmental Health	Chapter Quiz (9.18) Assignment #2 (9.18)
9.19 Mod 3	Chapter 3: Chronic and Communicable Diseases	Discussion #2 (9.25) Chapter Quiz (9.25) Assignment #3 (9.25)
9.26 Mod 4	Chapter 4: Water Supplies	Discussion # 3 (10.2) Chapter Quiz (10.2)
10.3 Mod 5	Chapter 5: Environmental Health in Recreational Areas	Chapter Quiz (10.9)
10.10 Mod 6	Chapter 6: Wastewater Management	Chapter Quiz (10.16)
10.17 Mod 7	MID TERM	MID TERM (10.23)
10.24 Mod 8	Chapter 7: Solids & Hazardous Waste Management Chapter 8: Vectors & Their Control	Discussion #4 (10.30) Chapter Quiz (10.30) Chapter Quiz (10.30) Assignment #4 (10.30)
10.31 Mod 9	Chapter 9: Toxicology Chapter 10: Radiological Health	Chapter Quiz (11.6)
11.7 Mod 10	Chapter 11: Food Protection and Safety	Discussion #5 (11.13) Chapter Quiz (11.13) Assignment #5 (11.13)
11.14	Chapter 12: Shelter Environments	Chapter Quiz (11.20) Chapter Quiz (11.20)

Mod 11	Chapter 13: Environmental Safety	
11.21	HAPPY THANKSGIVING!	NOTHING DUE THIS WEEK
11.28 Mod 12	Chapter 14: Air Quality	Chapter Quiz (12.4)
12.5 Mod 13	Chapter 15: Occupational Health Chapter 17: Principles of Environmental Health Administration	Chapter Quiz (12.11) Chapter Quiz (12.11)
12.12	FINAL	FINAL (12.16)