

HHPH 210.01W 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 & Exams

A. Weekly Chapter Readings/Online Quizzes (13 @ 10-20 pts. = 250 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 11:59pm on Sunday 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 multiple choice and/or true and false questions. Quizzes are set at **30** minutes, which is a sufficient amount of time to answer the questions if properly prepared!!! Please, 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. Initial postings must be at least **125 words** and **TWO peer responses** should be at least **75 words**. Additionally, you must back up your discussion with **(1) outside credible** reference as well as **using proper APA formatting**. Please refrain from using sources; such as, Wikipedia. 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 discussion with correct APA formatting. **All postings to the discussion boards are due by 11:59pm on Sunday of the course module.**

C. 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 11:59pm on Sunday of the course module.**

Grading Procedure and Scale:

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

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|---|------------------|
| A | 599- 650 points |
| B | 499 - 500 points |
| C | 399 – 400 points |
| D | 299 – 300 points |
| F | 0- 200 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.**

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*).

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

| Week Of | Chapter / Activity | Assignments Due by 11:59pm |
|------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------|
| 8.31 | Syllabus Review Introduction Discussion | Syllabus Quiz (9.6) Introduction Discussion (9.6) |
| 9.7 Mod 1 | Chapter 1: World Population | Discussion #1 (9.13) Chapter Quiz (9.13) |
| 9.14 Mod 2 | Chapter 2: Fundamentals of Environmental Health | Chapter Quiz (9.20) |
| 9.21 Mod 3 | Chapter 3: Chronic and Communicable Diseases | Discussion #2 (9.27) Chapter Quiz (9.27) |
| 9.28 Mod 4 | Chapter 4: Water Supplies | Discussion # 3 (10.4) Chapter Quiz (10.4) |
| 10.5 Mod 5 | Chapter 5: Environmental Health in Recreational Areas | Chapter Quiz (10.11) |
| 10.12 Mod 6 | Chapter 6: Wastewater Management | Chapter Quiz (10.18) |
| 10.19 Mod 7 | MID TERM | MID TERM (10.25) |
| 10.26 Mod 8 | Chapter 7: Solids & Hazardous Waste Management Chapter 8: Vectors & Their Control | Discussion #4 (11.1) Chapter Quiz (11.1) |
| 11.2 Mod 9 | Chapter 9: Toxicology Chapter 10: Radiological Health | Chapter Quiz (11.8) |
| 11.9 Mod 10 | Chapter 11: Food Protection and Safety | Chapter Quiz (11.15) Discussion #5 (11.15) |
| 11.16 Mod 11 | Chapter 12: Shelter Environments Chapter 13: Environmental Safety | Chapter Quiz (11.22) |

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| 11.23 | HAPPY THANKSGIVING! | NOTHING DUE THIS WEEK |
| 11.30 Mod 12 | Chapter 14: Air Quality | Chapter Quiz (12.6) |
| 12.7 Mod 13 | Chapter 15: Occupational Health Chapter 17: Principles of Environmental Health Administration | Chapter Quiz (12.13) |
| 12.14 | FINAL | FINAL (12.17) |