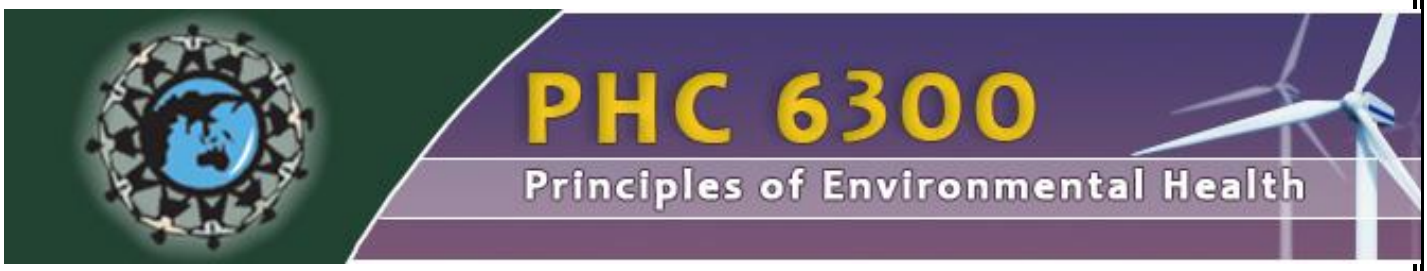
Course at a Glance
Spring 2018



Course Title: Principles of Environmental Health

Course Number: PHC 6300

Dept: EOH

Credits: 3

Section: 310 **Reference Number:** 20740

Instructor (s)

Professor: Steve Mlynarek, Ph.D. smlynare@health.usf.edu

Course Description:

This course studies the major environmental and occupational factors that contribute to development of health problems in industrialized and undeveloped countries.

Format of content presentation, activities and/or instructional methods:

Web-based (in Canvas): posted readings/materials, PowerPoint presentations, videos, learning activities.

Course content organization:

This course is organized into 16 weekly units.

Assignments:

Chapter Quizzes: Each assigned chapter may have a corresponding quiz or other scored activity. The basis for the quiz will be the assigned chapters, videos, and PowerPoint lessons and any other required materials. Quizzes may include multiple choice, true/false, and short answer questions.

Case Study Review Papers: Each student may be required to develop a case study review paper for each case study examined. The report should briefly state the issue, how it relates to environmental health, potential solutions to the issue, and conclusions. The report should be no more than 8 pages. The report will be due one week after the case study is assigned. Assignments will be graded as follows:

Introduction and Background of the Issue – 25%
Implications of the Issue – 25%
Recommended Solutions to the Issue – 25%
Conclusions – 25%

Please include references and use an accepted style of documentation for citations.

Exams: Two examinations will be administered online – a midterm and a non-cumulative final. The exams are "open book" and any printed or computer-based materials (i.e. electronic documents) may be used while taking the test – this does NOT include using online sources, such as Google or other search engines. Students may not receive outside assistance from any other persons or from online sources when taking tests. Students may access the exam anytime during the days and times it is offered, but will have a fixed time limit to complete the online exam once it has been accessed by the student. Note that the time limit is for the test as a whole – you may spend as much time as you like on any one question as long as you do not exceed the total allowed time.

We recommend that students take exams during the USF IT Department's office hours in case of a technical problem.

Students must take the examinations on the dates offered. There are no alternate test dates and no makeup exams.

Textbook and Ordering materials:

Required Text:

Friis, Robert H. (2012). *Essentials of Environmental Health, 2nd Edition*. Burlington, MA: Jones and Bartlett Publishers.

Textbook can be purchased online or from the USF Health Bookstore http://usfhsc.bkstore.com

Course Learning Objectives:

Upon completion of this course, students will:

1. Understand basic physical and chemical properties of air, sources of air pollution, and air pollution control systems.
2. Understand basic physical and chemical properties of water, sources of water pollution, and water pollution control systems.
3. Understand concepts related to solid/hazardous wastes, routes of solid/hazardous waste pollution, and solid/hazardous waste control systems.
4. Understand concepts related to environmental law and policy.
5. Recognize relevant events related to air pollution, water pollution, solid/hazardous waste pollution, and environmental law and policy through the examination of specific case studies.
6. Be able to communicate scientific information through concise reports on selected environmental health issues.

Types of assessments and activities in the course:

- Chapter Quizzes
- Case Study Review Papers
- Midterm Examination
- Final Examination
- Other at the option of the instructor

Course Expectations:

Students are expected to obtain the course text, read and abide by the syllabus, and participate in online discussions, and complete all class requirements. The student must be familiar with and abide by university policies. Use of Canvas is mandatory to stay current with class announcements, emails, grades and assignments.

For more information about the Course, Contact:

Name: Steve Mlynarek, Ph.D.

Contact Info: smlynare@health.usf.edu

Note: For problems accessing the course materials and other computer technical problems, click the **Tech Assistance** button in your course website and fill out a "Technical Problem Report Form". Tech Assistance button links to the Technical Assistance page of the Office of Educational Technology & Assessment website at: http://health.usf.edu/publichealth/eta/techsupport.html. Students can also receive assistance via telephone at 813-974-6666 Mon-Fri 8:30am-5pm, or via email at eta@health.usf.edu.

Technology Requirements (e.g. software or hardware):

Visit this website for software requirements and downloads:
http://health.usf.edu/publichealth/eta/students_tech_requirements.htm

Please Note: The information on this document is subject to change. The course instructor has the right to change any information posted in this document. Students should check the official course syllabus released during the first week of classes for any updates to this document.