

Course at a Glance

Fall, 2015

Course Title: Environmental and Occupational Risk Analysis

Course Number: HSC 4213

Dept: PHC

Credits: 3

Instructor(s):

Dr. Giffe Johnson

gjohnson@health.usf.edu

Section: 310

Reference Number: 91666

Course Description:

This course provides an introductory level review of the major facets of risk analysis for environmental and occupational health. Students will gain knowledge of the various regulations and methods regarding the evaluation of health risk in environmental and occupational settings. The course will provide students with a background in the toxicological and epidemiological basis for understanding health risk and how these sciences are used to develop regulations that protect health in the environment and workplace. In this course, we will review common methods assessing risk, strategies for mitigating risk, and the limitations of risk assessment. Topics will include, but not be limited to, health risk from industrial pollution and health risk from workplace exposures.

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

Web-based (in Canvas)

Textbook and Ordering materials:

No required text.

Other Required Materials:

Additional readings are posted on-line.

Topics:

1. The Risk Assessment Process
2. Environmental and Occupational regulations
3. Carcinogens versus non-carcinogens
4. Drug and Product Safety
5. Risk Communication

Course content organization:

The class is organized by week and material for each class will be presented in a weekly module on Canvas.

Types of assessments and activities in the course:

- Review assigned lectures
- Read assigned online materials
- Complete weekly written assignments
- Write final paper
- Participate in written online discussions

Course Expectations:

To successfully complete this course, students are expected to:

- Read and understand the syllabus.
- Log in to Canvas at least twice a week.
- Read all of the required course materials each week.
- View all pre-recorded lectures and videos.
- Interact with fellow students via online discussions.
- Ask questions. Contact the instructor (by e-mail or attending office hours) promptly if you are having difficulty understanding any of the course materials, lectures, or discussions.
- Complete all assignments, exams, and term paper.

Required Dates to be Online:

Log in to Canvas by the end of the first week of class.

For more information about the Course, Contact:

Name: Dr. Giffe Johnson

Contact Info: gjohnson@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.