Course at a Glance
Summer 2018

Course Title: Indoor Environmental Quality

Course Number: PHC 6313

Dept: EOH

Credits: 3

Section 310 **Reference Number:**

For GDM, PHP, IMSPH, ExMPH Sections: Please visit Self-Funded Program website for course reference numbers, registration procedures and deadlines.

Instructor: Dr. Steve Mlynarek smlynare@health.usf.edu

Course Description:

Students will learn the importance of maintaining acceptable indoor environmental quality in occupational and residential settings. The course will emphasize current techniques, data interpretation methods, and proper data / conclusions reporting.

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

This is an online course with web-based presentations, videos, and interactive activities, which focuses on critical thinking and problem solving. These may include literature review, quizzes, case studies, paper writing, or other assignments.

Course content organization:

There are 2 sections in the course. Each section consists of several topics. These topics will be presented over the course of the term. Literature review, quizzes, case studies, paper writing, or other assignments are required throughout the term / sections.

Textbook and Ordering materials:

Required Text:

None – assigned readings will be posted to the course website.

Other Required Materials:

Other required materials will be posted to the course website.

Topics:

- Introduction & Overview of IAQ
- Gases & Particulates: Sources & Evaluation
- Biological Contaminants: Nature & Sources
- Biological Contaminants: Evaluation
- HVAC System/Control Methods
- Case Study 1
- Current Topic (TBA)
- Building Walk Through
- Building Systems
- Building Issues
- Case Study 2
- Water & Moisture
- Standards of Practice

- Review of Student Reports
- Discussion of Student Reports (Topics, and order of topics may change)

Types of assessments and activities in the course:

Two (usually) multiple choice and true/false exams (open book) delivered on a choice of two days for each exam. Exam 1 will cover material from Section 1 and Exam 2 will cover material from Section 2. The exams are not cumulative.

Weekly quizzes or problem sets may be required.

No more than two research papers (10-15 pages each) may be required.`

Student participation in discussion boards may be evaluated.

Two to four Activities (literature reviews, papers, case studies, or other at the discretion of the instructor) may be required.

Group learning events are required.

Course Expectations:

Students are required to log in at least once per week, read / understand / do all required assignments, listen/view guest lectures and videos, and complete any other assignments (individual and group). At a minimum, our group interaction is the disscussion board. Students are expected to demonstrate initiative to learn the material and to work with other students.

Required Dates to be Online:

The dates of exams and other graded events are final. There are no makeup exams. See syllabus for dates.

For more information about the Course, Contact:

Dr. Steve Mlynarek (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