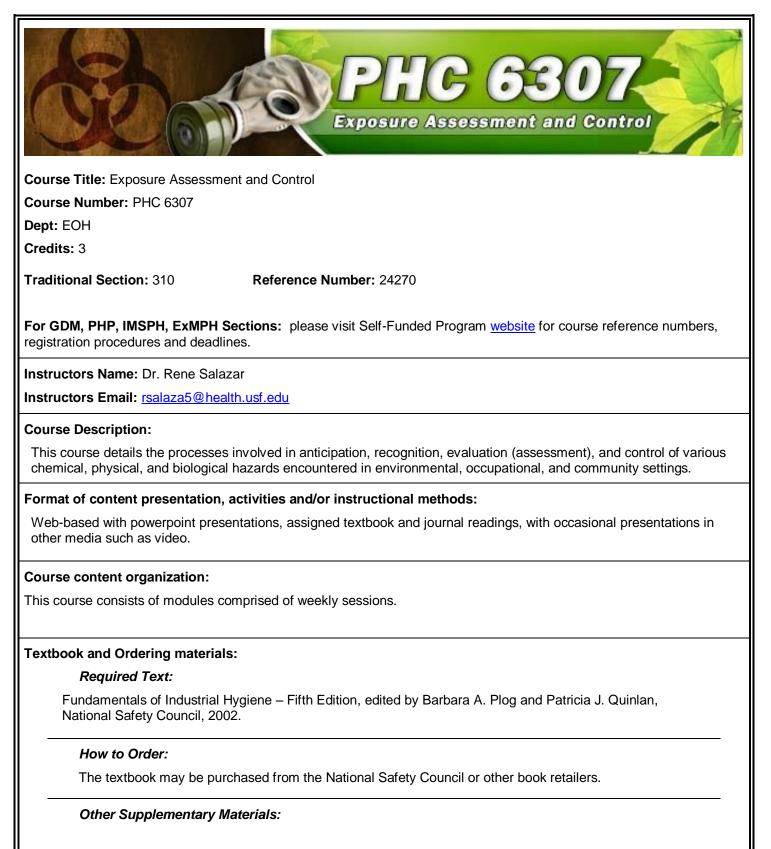
# Course at a Glance Spring 2018



- The Industrial Environment its Evaluation and Control, US Department of Health, Education, and Welfare, 1973, US Government Printing Office. Link: http://www.cdc.gov/niosh/74-117.html
- Environmental Health Criteria 214, World Health Organization, 2000, ISBN 92 4 157214 0. Link: http://www.inchem.org/documents/ehc/ehc/ehc214.htm
- Guidelines for Exposure Assessment, US Environmental Protection Agency, 1992, EPA/600/Z-92/001. Link: http://www.epa.gov/raf/publications/guidelines-for-exposure-assessment.htm
- Exposure Analysis, edited by Wayne R. Ott, Anne C. Steinemann, and Lance A. Wallace, CRC Press/Taylor & Francis Group, 2007. Book website:

#### Topics:

- 1. Foundamentals of Exposure Control and Assessment
- 2. Basic Principles of Toxicology
- 3. Points of Exposure: Respiratory System, Skin, and Eyes
- 4. Use of Biomarkers as an Exposure Assessment Tool
- 5. Anticipation, Recognition, and Evaluation of Hazards
- 6. Monitoring: Devices and Field Methods
- 7. Gases, Vapors, and Solvents
- 8. Particulates
- 9. Noise
- 10. Heat Stress
- 11. Biological Hazards
- 12. Indoor Environmental Quality Non-Industrial Settings
- 13. Fundamentals of Exposure Control
- 14. Local Exhaust, Dilution, and General (Non-Industrial) Ventilation
- 15. Respiratory Protection
- 16. Case Study

#### Types of assessments and activities in the course:

There is one (1) quiz per weekly session, and one (1) examination for each module. There are generally four (4) assignments for the course: one (1) initial posting, one (1) response posting, and two (2) exposure assessment exercises.

## **Course Expectations:**

Students are expected to log onto Canvas weekly so as to complete assigned readings, take quizzes, and complete all required assignments by the posted due dates.

## Required Dates to be Online: n/a

#### For more information about the Course, Contact:

Name: Dr. Rene R. Salazar

Contact Info: rsalaza5@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: <u>http://health.usf.edu/publichealth/eta/techsupport.html</u>. Students can also receive assistance via telephone at 813-974-6666, Mon-Fri 8:30am-5pm, or via email at <u>eta@health.usf.edu</u>.

## 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.