

Course at a Glance

Course Title: Principles of Toxicology I

Course Number: HSC 4933

Dept: EOH

Credits: 3

Traditional Section: 321

Reference Number:

Sponsored Institute Section:

Reference Number:

State Employee Section:

Reference Number:

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

Web-based with narrated presentations

Instructor Name: Marie Bourgeois

Instructor Email: mbourgeo@health.usf.edu

Day of Class (this is the day of the week new information is made available):

☒ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday

How is the course content organized?

☐ by Session ☐ by Week ☐ by Unit ☒ by Module

Other: Describe here

What is the length of one of your lessons/modules/units?

☐ One Day ☐ 5 Day Work Week ☒ 7 Day Week ☐ 2 Weeks ☒ 3 Weeks ☒ 4 Weeks

How many lessons/modules/units are there in your entire course?

Number: 3

More Details about time/day content is available or about how the content is organized:

Multiweek modules with required discussion posts, 3 exams and multiple required activities.

Course Description:

This is designed as a survey course to introduce students to basic principles of toxicology. We will cover the history and scope of the field; absorption, distribution, metabolism and elimination of toxicants; mechanisms of toxic action; carcinogenesis; applications of toxicology as well as human and ecological risk assessment. The format of this course will consist of lecture/discussion of course materials, 3 equally weighted examinations, mandatory discussion thread posts and term project related to the course content.

Textbook and Ordering materials:***Required Text:***

Casarett & Doull's Essentials of Toxicology, Second Edition (Casarett and Doull's Essentials of Toxicology)
McGraw-Hill Professional; 2nd edition
ISBN-13: 978-0071622400

Recommended Text (optional):

The Dose Makes the Poison, Third Edition
Patricia Frank and M. Alice Ottoboni

How to Order:

A link will be provided to the HSC bookstore online order form.

Other Required Materials:**List the topics covered in your course:**

Module 1. General Principles of Toxicology

Chapter 1 History and Scope of Toxicology

Chapter 2 Principles of Toxicology

Chapter 3 Mechanisms of Toxicity

Chapter 4 Risk Assessment

Module 2. Disposition of Toxicants

Chapter 5 Absorption, Distribution, and Excretion of Toxicants

Chapter 6 Biotransformation of Xenobiotics

Chapter 7 Toxicokinetics

Module 3. Nonorgan-Directed Toxicity

Chapter 8 Chemical Carcinogenesis

Chapter 9 Genetic Toxicology

Chapter 10 Developmental Toxicology

What types of assessments and activities are incorporated into your course?

3 Exams, Discussions, Term project

What do you expect out of the students taking your course? [What do they have to do to be successful in your course?]

Students are required to listen to lectures, keep up with readings, keep current with assignments

Required Dates to be online or on campus (if applicable):

(for example: an exam is only available on one day for a 4 hour period)

1. Date: 1/1/05	Between:	Time: 6:00 PM	and	Time: 9:00 PM	Online or On Campus
2. Date: 1/1/05	Between:	Time: 6:00 PM	and	Time: 9:00 PM	Online or On Campus
3. Date: 1/1/05	Between:	Time: 6:00 PM	and	Time: 9:00 PM	Online or On Campus
4. Date: 1/1/05	Between:	Time: 6:00 PM	and	Time: 9:00 PM	Online or On Campus
5. Date: 1/1/05	Between:	Time: 6:00 PM	and	Time: 9:00 PM	Online or On Campus
6. Date: 1/1/05	Between:	Time: 6:00 PM	and	Time: 9:00 PM	Online or On Campus

Who should students contact for more information about your course?

Name: Marie Bourgeois

Contact Info: mbourgeo@health.usf.edu

Are there any other contacts? If so, please list below

Other Help details...

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):

Are there any specific technology requirements (hardware and software) for your course?
requirements...

Note: These are in addition to the basic technology requirements for all online courses.

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.