CHEM 3450
TOXICOLOGY
SECTION 1, FALL 2009
3 Semester Hours

Day and Time: M, W, F   10:00 - 10:50
Location: 140 NCF Annex

Instructor: Dr. Maryam Foroozesh
Office: 335 NCF Annex
Phone Number: 504-520-5078
e-mail: mforooze@xula.edu
Office Hours: Monday 8:00-9:00AM, 12:45-1:45PM
Wednesday 9:00-10:00AM
Friday 8:00-9:00AM

Course Description:  A study of fundamental principals of Toxicology with emphasis on the chemical reactions and mechanisms involved. Topics include the entry pathways and fate of toxicants in the body, metabolism, toxic effects, and quantitation.

Prerequisites: CHEM 2210 & 2220, BIOL 1230 & 1240.


Course Objectives: A student who has completed this course will be familiar with the basic principals of toxicology and will have a better understanding of the adverse effects of chemical agents as well as environmental toxins originating from other organisms. The knowledge and understanding gained should guide the student in working safely and in making wise decisions concerning the use of potentially harmful agents.

Course Policies: Students are expected to attend all class meetings on time. They are responsible for any material covered in class. Quizzes may be given at any time, with or without prior notice. No makeup quizzes or exams will be given.
Course Evaluation: There are two hour exams worth 100 points each, and twelve quizzes worth 10 points each. The two lowest quiz grades will be dropped. A paper and a presentation on the same selected topic in toxicology are due during the last part of the semester and are worth 50 points each for a total of 100 points. The final exam is comprehensive and is worth 200 points. There will be a number of opportunities for earning extra credit points through assignments involving literature reviews, web searches, and case studies.

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<tr>
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<th>Points</th>
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<tbody>
<tr>
<td>2 hour-exams (100 points each)</td>
<td>200</td>
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<tr>
<td>12 quizzes (10 points each), two dropped</td>
<td>100</td>
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<tr>
<td>Paper and Presentation</td>
<td>100</td>
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<tr>
<td>Final exam</td>
<td>200</td>
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<td>Total possible points</td>
<td>600</td>
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The final grades are determined based on the percentage points earned:

- 90-100 A
- 80-89 B
- 70-79 C
- 60-69 D
- below 60 F

The following statement is found in the Xavier Faculty Handbook:

*If a student's test, examination paper, laboratory report, term paper, or other written assignments give evidence of not being completely his/her own work, he/she may be given an F for the course. A student who communicates with anyone during the course of an examination or test, unless with the permission of the instructor, may be immediately dismissed from the room and given an F. Such communication includes attempts to read from another's paper. If a student is found to have brought study materials into the examination room without the instructor's permission, it may be assumed that he/she intends to use such material unlawfully, and he/she may be penalized accordingly.*

Tentative exam schedule:

1st hour-exam  
Friday, September 25, 2009

2nd hour-exam  
Friday, October 30, 2009

Final Exam  
Monday, December 7, 2009  1:30 PM

**In Case Of Evacuation:** Check your e-mail, check the Xavier University and Chemistry Department web sites, consult Blackboard.