Chemistry 4970 – Consumer Chemistry

Fall Semester 2012

6:00 – 6:50 PM  Tuesdays; Physical Sciences Bldg., Rm. 120

Instructors: Daniel T. Glatzhofer & Mark C. Morvant
Contact Info:  DTG  SLSRC 3160, 325- 3834, dtglatzhofer@ou.edu
             MCM  SLSRC 2190, 325-9011, mmorvant@ou.edu
Office Hours: by arrangement.

Course Materials: Supplementary material will be made available as needed, access to the internet, and to the OU Library

Evaluation – Students will be evaluated on the basis of: 1) In-class presentations; 2) Class participation; and 3) Quizzes over previously presented material.

Grading - Student performance will be evaluated as a combination of scores according to the schedule below:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Individual and Group Presentations</td>
<td>ca. 66%</td>
</tr>
<tr>
<td>Class Participation</td>
<td>ca. 17%</td>
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<tr>
<td>Quizzes</td>
<td>ca. 17%</td>
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Presentations: Each student will be assigned to a group of 3 students. Each group will give 3 presentations; one person giving the presentation, and the other 2 sharing in topic research and helping the presenter prepare. The presentations will be graded by the instructors on a 0, 1, or 2 scale: 0 – inadequate or poor; 1 – satisfactory; and 2 – very good to excellent. The instructors may confer with the non-presenting groups to obtain a consensus grade as needed. The grade for the presentation will then be assigned twice to the presenter and once to the other members of the presentation group. Thus each student will receive 4 presentation grades that will make up ca. 66% of their total grade.

Participation: It is expected that every student participate in each class. The instructors will monitor class participation and a class participation grade will be given using the same 0, 1, or 2 scale: 0 – inadequate or poor; 1 – satisfactory; and 2 – very good to excellent, and will make up ca. 17% of the total grade.

Quizzes: There will be four quizzes (over previously covered material) that will be scheduled ahead of time. The quizzes will be graded on a percentage basis by the instructors and a final quiz grade will be assigned on a 0, 1, or 2 scale: 0 – < 65%; 1 – 65 – 84%; and 2 – 85 – 100% and will make up ca. 17% of the total grade.

Final grades will then be assigned based on a possible 12 points: 9 – 12 A; 6 – 8 B; 4 – 5 C; 2-3 D; and 0 – 1 F

Academic Misconduct - For the purposes of this course, any instance of a student receiving any type of help on an exam, quiz or homework from another person or any source (notes, etc.) not authorized by the instructor shall be considered academic misconduct and as a result will be penalized to the fullest extent possible. Plagiarism will not be tolerated. Any assignments must be in your own words and of your own formulation, not taken directly from any source without proper quotation and references.
Any student with a disability that may affect their performance in the course should contact me immediately so we can discuss reasonable accommodations to achieve full participation and opportunity.

As the course develops you should be aware that it might be desirable/necessary to make appropriate changes in aspects of this syllabus. The instructors reserve the right to do so.

**Goals** - The main goals of this course are as follows:

1) Gain a better understanding of the impact of chemistry/biochemistry in everyday life and on the general populace.

2) Gain a general knowledge of how to access material to become more scientifically literate about topics of importance in point 1.

3) Develop a facility in taking information gained in point 2 and communicate it to others in an efficient, accessible way.

4) Learn more about several consumer topics of personal interest to you.

**Chem 4970**  
**General Outline**

**Week 1/2:** Introduction/Define Subject/Assignment of Groups/Finalize schedule of presentations/Define Presentation Parameters (what is expected in a presentation)

**Week 3:** Example presentation

**Week 4 – 15:** Presentations