

Chem 100: Elements of Chemistry

Improving science information literacy among non-science majors

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In developing activities for Chem100 (Elements of Chemistry) I had three goals, as outlined in my proposal. I achieved all three of these goals, as judged by course evaluations and student grades on assignments. Below I briefly list each goal, with a short discussion on how the objectives were completed and evaluated.

1. To interest students in science - To assess this goal, I have relied on course evaluations, particularly student responses to these items:
 - "gained a broader understanding and appreciation of intellectual-cultural activity (music, science, literature, etc.)"
 - "learned how professionals in this field go about the process of gaining new knowledge"In both cases, all students responded with average to excellent ratings.
2. To show the students where to access scientific information - In the course students were encouraged to look outside of the course materials for additional information about the topics we studied. This was done through various assignments, all of which are attached to this report.
 - Books - Each student was assigned a popular science book on which they wrote an essay and collaborated with classmates on an oral presentation.
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