CHEMISTRY 410  
Advanced Scientific Writing Fall Semester 1998

GENERAL INFORMATION

This course fulfills the university’s advanced writing requirement for chemistry majors in the BA degree program. You must pass this course in order to graduate.

Instructor

Paul Hunter  Room 129 Chemistry;  email: hunter@pilot.msu.edu  
*It is easier to communicate by email rather than telephone.*  
Office hours every Tuesday afternoon from 2:00 pm to 4:00 pm Room 129 Chemistry.  
*No appointment necessary.*

Enrollment

To enroll in this course you must obtain an override from Lisa Fuentes in the Undergraduate Office.  
Obtain a form for enrollment from Room 321; read the description and requirements for the course.  
Fill in the form and sign in the appropriate place at the bottom of the form.  
Write your phone number and email address in the space provided.  
Have the instructor (Paul Hunter, Room 119 or 129 Chemistry) and your advisor sign this form.  
Return to Room 321 (Undergraduate Office) and obtain an override to enrol from Lisa Fuentes.

Description of course

The reading, writing, and criticism of scientific literature.  
Individual instruction in the use of library resources and search tools.  
Chemical terms, phrases, words, or subjects will be assigned for research in the library and on the www.  
Scientific papers (typically from J. Chem. Educ.) will be assigned for reading, précis, and criticism.  
A comprehensive dissertation on some topic in chemistry will be written in the style of a scientific paper.  
A seminar on your paper will presented.

Class

The scheduled class time is 5:10 pm Tuesdays in Room 136 Chemistry. Our first meeting is scheduled for Tuesday September 8th (after Labor Day). These meetings will not be held every Tuesday and will not necessarily last the entire 1hr 20 min. We will however meet as necessary for me to assign your projects and collect and discuss the papers you will write, and for you to present your papers.

Textbook


Grade

The grade you receive in this course will be calculated from the total number of points that you earn:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reading and criticism of a paper from J. Chem. Educ.</td>
<td>15%</td>
</tr>
<tr>
<td>Presentation of your report</td>
<td>15%</td>
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<tr>
<td>Library research of a chemical term, word, or phrase</td>
<td>15%</td>
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<tr>
<td>Dissertation</td>
<td>40%</td>
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<tr>
<td>Presentation of your dissertation</td>
<td>15%</td>
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