Chemistry 385-386: Chemistry Junior Seminar,
1999-2000: Monday, 4:15-5:15 p.m.
Dr. Bradford D. Pendley
Office: 411 Kennedy Hall
Phone: 843-3959 (o); 757-9426 (h)
Email: pendley@rhodes.edu

DESCRIPTION: In this seminar course, we will focus on two very practical skills that are essential for scientists. For the first semester, the topic will be the chemical literature and how to understand and gain access to this vast resource. In the second semester, we will turn our attention to making effective oral presentations.

GOALS: To be successful in this course, the goals that you should work towards are:

1. to develop a basic knowledge of the various chemical journals and reference sources available
2. to become proficient in carrying out literature searches
3. to exhibit an ability to make effective oral presentations

EVALUATION: Your grade in this course will be derived from three components: your attendance and participation in the seminar, an information retrieval project, and a brief oral presentation. These three items will each be worth 100 points, and the course grade will be assigned according to the following scale:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Total points</th>
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<tbody>
<tr>
<td>A</td>
<td>270-300</td>
</tr>
<tr>
<td>B</td>
<td>240-269</td>
</tr>
<tr>
<td>C</td>
<td>210-239</td>
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<tr>
<td>D</td>
<td>150-209</td>
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<tr>
<td>F</td>
<td>below 150</td>
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</tbody>
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Plus and minus assignments will be made approximately within these ranges.

POLICIES: Your attendance at every meeting of seminar is expected and is important to your ultimate success in the course. In instances in which an absence is unavoidable, please contact me promptly. If you are unable to attend a class, all material discussed and assignments given are your responsibility.

SCHEDULE: Our schedule will be arranged once the Senior Seminar is in place.
TENTATIVE SCHEDULE:

FALL SEMESTER

August 30  Introductory meeting
September 6  Labor Day recess
September 13  Overview of the chemical literature
September 20  Searching the chemical literature
September 27  Searching the chemical literature
                 Dr. Goodenough’s talk (7:30pm) (not required)
October 1 (Friday)  Senior symposium (not required)
October 4  Searching the chemical literature
October 11  Searching the chemical literature
October 18  Fall break
October 25  journal club
November 1  journal club
November 8  journal club
Nov 10 or 12  Outside Speaker: Dr. Neil Marsh
November 15  Outside Speaker: Dr. Erno Lindner
November 22  Making effective oral presentations
November 29  PowerPoint workshop
December 6  Brief oral presentations

SPRING SEMESTER

January 17  Martin Luther King, Jr. recess
January 24  Brief oral presentations
January 31  Brief oral presentations
February 7  Brief oral presentations
February 14  open (Honors presentation?)
February 21  Senior Seminar #1
February 28  Senior Seminar #2
March 6  Spring recess
March 13  Senior Seminar #3
March 20  Senior Seminar #4
March 27  Senior Seminar #5
April 3  Senior Seminar #6
April 10  Senior Seminar #7
April 17  open
April 24  Senior Poster Presentations