

## Fall 2006 Study Journal

### Instructions:

The concept behind the study journal is simply to have you take command of what and when you have studied for each course. Any particular weeks work can be surveyed by yourself or your instructor to ensure you have practiced the skills necessary to show you have learned the material. If done properly, the order in which you approached your studies is clear and can be analyzed for further improvement later.

Included in the files here are a sample of my study journal for a Tuesday/Thursday type class in inorganic chemistry and a 'how to' example for a MWF type class.

My schedule, including office hours, is below so that you can plan your time better in terms of contacting me.

Dr. Eric J. Zückerman	
Monday	Thursday
8:00-8:50 CHEM 1212A 9:00-9:50 CHEM 3721 11:00-11:50 CHEM 1212B 1:00-2:00 Department Meeting 2:30-5:15 CHEM 3721 Lab	9:00-9:30 Office Hours 10:00-11:15 CHEM 1151 12:00-1:00 Office Hours
Tuesday	Friday
9:00-9:30 Office Hours 10:00-11:15 CHEM 1151 1:00-2:45 CHEM 1151 Lab	8:00-8:50 CHEM 1212A 9:00-9:50 CHEM 3721 11:00-11:50 CHEM 1212B 12:30-1:30 Office Hours
Wednesday	Saturday
8:00-8:50 CHEM 1212A 9:00-9:50 CHEM 3721 11:00-11:50 CHEM 1212B 1:00-2:00 Office Hours	email contact only: <a href="mailto:ezuckerman@aug.edu">ezuckerman@aug.edu</a>
	Sunday
	email contact only: <a href="mailto:ezuckerman@aug.edu">ezuckerman@aug.edu</a>

**Suggested Study Calendar: MWF Class**

Monday	Thursday
<ul style="list-style-type: none"> <li>• Attend Class</li> <li>• Reread notes from today's class</li> <li>• Read in detail only the sections from text that were covered in class today. Work all the exercises in the text as you come across them               <ul style="list-style-type: none"> <li>○ This could move to Tuesday's first item.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Attempt end of chapter problems for the sections of text covered on Wednesday.</li> <li>• Seek assistance on the problems you cannot do               <ul style="list-style-type: none"> <li>○ Office hours</li> <li>○ email professor</li> <li>○ Other published help (web, texts, etc.)</li> </ul> </li> <li>• Skim read the sections to be covered Friday.</li> </ul>
Tuesday	Friday
<ul style="list-style-type: none"> <li>• Attempt end of chapter problems for the sections of text covered on Monday.</li> <li>• Seek assistance on the problems you cannot do               <ul style="list-style-type: none"> <li>○ Office hours</li> <li>○ email professor</li> <li>○ Other published help (web, texts, etc.)</li> </ul> </li> <li>• Skim read the sections to be covered Wednesday.</li> </ul>	<ul style="list-style-type: none"> <li>• Attend Class</li> <li>• Reread notes from today's class</li> <li>• Read in detail only the sections from text that were covered in class today. Work all the exercises in the text as you come across them.</li> </ul>
Wednesday	Saturday
<ul style="list-style-type: none"> <li>• Attend Class</li> <li>• Reread notes from today's class</li> <li>• Read in detail only the sections from text that were covered in class today. Work all the exercises in the text as you come across them               <ul style="list-style-type: none"> <li>○ This could move to Thursdays first item.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Attempt end of chapter problems for the sections of text covered on Friday.</li> </ul>
	Sunday
	<ul style="list-style-type: none"> <li>• Skim read the sections to be covered Monday.</li> <li>• Create your own problems (with answers) about this past weeks material. Share them with your classmates.</li> </ul>

## **Assignments/Graded Homework**

Any assignment (homework, online quiz, or project) must be given proper time, as well. The time for assignments is in addition to the study time allocated above. I'm assuming that all the above (which includes attending class) will take approximately 10 hours per week for the average student.

## **Reading**

I advocate doing reading from the text in small, 'digestible' chunks. From my experience, there are three forms of reading that most students can utilize to their advantage

- **Skim reading**: a quick, perusal of the material to acquaint yourself with the terminology of the section and any diagrams or graphs that are potential classroom material. You might find yourself reading a sentence or two here and there, but mainly you should be investigating the overall structure of the pages you skim read.
- **Deep reading**: reading where you approach each paragraph as if it must be mastered in order to progress to the next paragraph. It is often wise to restate each paragraph in a single, grammatically correct sentence. Every equation you come across should be described in a sentence or two, as well. Many of you will also find taking notes as you read helps, or, as an alternative, that you correlate the reading with the notes from class (filling in any gaps from the notes that you come across).
- **Review reading**: a deeper skim reading to be done after the deep reading and in preparation for the exam.

I recommend only skim reading before the material is covered in class. This is especially important if the material is being covered in the form of a guided inquiry activity.

## **Reviewing for an Exam**

Studying is what you do daily to ensure you are developing the skills required by the instructor to pass the course. When an exam is scheduled, you now want to review and practice (hone) your skills. You will undoubtedly alter one or two of the days shown above to fit this review time into your schedule. Do your best to not disturb your studying for other classes when reviewing for an exam. The reason you study (nearly) every day is so that you do not need to put everything else aside to *review* for an exam--you don't fall behind this way in the other classes, this way!

If you use the study journal method, then you will also know at a glance which problem/topics gave you difficulties when you studied. The easiest way is to see if you made any notes in your study journal about any particular problems. You will also want to repeat all problems you had to circle the first time through. For any problem that you circled, you should attempt the problem near it in the text (the even problem before or after the assigned odd problem, for example). It is also wise to revisit the problems from the notes (in class problems), as they will likely exemplify the type and wording of problems on the exam.

It's now a good time to also review any online tutorials or materials shown or assigned by your instructor. Finally, attempt to connect the material from lab to the lecture (in most cases, the topics are nearly covered at the same time and this can be done).

## Sample Journal Entries

CEM 881	
Monday, Month Day	Thursday, Month Day
<p><i>Ch. 2: Read pages 27-31 on HSAB theory</i></p> <p><i>Reworked example problems in text</i></p> <p><i>Problems 1, 7, 13, 14, and 16</i></p>	<p><i>Ch. 3: Skim pages 44-50 on symmetry</i></p> <p><i>Note This quick read made no sense</i></p> <p><i>Class Covered symmetry and operations. Made much more sense after class.</i></p> <p><i>Ch. 3: Read pages 44-50 (still muddy)</i></p>
Tuesday, Month Day	Friday, Month Day
<p><i>Ch. 2: Skimmed pages 30-33</i></p> <p><i>Reread notes from last Thursday</i></p> <p><i>Class Covered applications of HSAB</i></p> <p><i>Problems 2, 5, 17 and 18</i></p> <p><i>Note I'm getting this.</i></p>	<p><i>Ch. 2: Reread notes and redid problems 16, 19, and 23 with different numbers.</i></p> <p><i>Office Hours Discussed my ideas about 2-23 with Dr. X. Made up a few more like it with her.</i></p> <p><i>Ch. 3 Reread pages 44-48</i></p>
Wednesday, Month Day	Saturday, Month Day
<p><i>Ch. 2: Reread notes from yesterday</i></p> <p><i>Read pages 30-35 on HSAB applications</i></p> <p><i>Problems 4, 19, 22, and 23</i></p> <p><i>Note Problem 23 looks like a potential exam question. I altered it to practice again. Will check with Dr. X tomorrow.</i></p>	<p><i>Ch. 3: reread notes from Thursday</i></p> <p><i>Problems 1, 2, 4, 5, 14</i></p>
	Sunday, Month Day
	<p><i>Ch. 3: emailed questions to Dr. X about 5&amp;14</i></p> <p><i>Note Dr. X's email was good for 5, ask about 14 Monday</i></p>

Week 1

<b>Monday, August 21</b>	<b>Thursday, August 24</b>
<b>Tuesday, August 22</b>	<b>Friday, August 25</b>
<b>Wednesday, August 23</b>	<b>Saturday, August 26</b>
	<b>Sunday, August 27</b>

Week 2

<b>Monday, August 28</b>	<b>Thursday, August 31</b>
<b>Tuesday, August 29</b>	<b>Friday, September 1</b>
<b>Wednesday, August 30</b>	<b>Saturday, September 2</b>
	<b>Sunday, September 3</b>

Week 3

<b>Monday, September 4</b>	<b>Thursday, September 7</b>
<b>Tuesday, September 5</b>	<b>Friday, September 8</b>
<b>Wednesday, September 6</b>	<b>Saturday, September 9</b>
	<b>Sunday, September 10</b>

Week 4

<b>Monday, September 11</b>	<b>Thursday, September 14</b>
<b>Tuesday, September 12</b>	<b>Friday, September 15</b>
<b>Wednesday, September 13</b>	<b>Saturday, September 16</b>
	<b>Sunday, September 17</b>

Week 5

<b>Monday, September 18</b>	<b>Thursday, September 21</b>
<b>Tuesday, September 19</b>	<b>Friday, September 22</b>
<b>Wednesday, September 20</b>	<b>Saturday, September 23</b>
	<b>Sunday, September 24</b>

Week 6

Monday, September 25	Thursday, September 28
Tuesday, September 26	Friday, September 29
Wednesday, September 27	Saturday, September 30
	Sunday, October 1

Week 7

<b>Monday, October 2</b>	<b>Thursday, October 5</b>
<b>Tuesday, October 3</b>	<b>Friday, October 6</b>
<b>Wednesday, October 4</b>	<b>Saturday, October 7</b>
	<b>Sunday, October 8</b>

Week 8

Monday, October 9	Thursday, October 12
Tuesday, October 10	Friday, October 13
Wednesday, October 11	Saturday, October 14
	Sunday, October 15

Week 9

<b>Monday, October 16</b>	<b>Thursday, October 19</b>
<b>Tuesday, October 17</b>	<b>Friday, October 20</b>
<b>Wednesday, October 18</b>	<b>Saturday, October 21</b>
	<b>Sunday, October 22</b>

Week 10

<b>Monday, October 23</b>	<b>Thursday, October 26</b>
<b>Tuesday, October 24</b>	<b>Friday, October 27</b>
<b>Wednesday, October 25</b>	<b>Saturday, October 28</b>
	<b>Sunday, October 29</b>

Week 11

<b>Monday, October 30</b>	<b>Thursday, November 2</b>
<b>Tuesday, October 31</b>	<b>Friday, November 3</b>
<b>Wednesday, November 1</b>	<b>Saturday, November 4</b>
	<b>Sunday, November 5</b>

Week 12

<b>Monday, November 6</b>	<b>Thursday, November 9</b>
<b>Tuesday, November 7</b>	<b>Friday, November 10</b>
<b>Wednesday, November 8</b>	<b>Saturday, November 11</b>
	<b>Sunday, November 12</b>

Week 13

<b>Monday, November 13</b>	<b>Thursday, November 16</b>
<b>Tuesday, November 14</b>	<b>Friday, November 17</b>
<b>Wednesday, November 15</b>	<b>Saturday, November 18</b>
	<b>Sunday, November 19</b>

Week 14

<b>Monday, November 20</b>	<b>Thursday, November 23</b>
<b>Tuesday, November 21</b>	<b>Friday, November 24</b>
<b>Wednesday, November 22</b>	<b>Saturday, November 25</b>
	<b>Sunday, November 26</b>

Week 15

<b>Monday, November 27</b>	<b>Thursday, November 30</b>
<b>Tuesday, November 28</b>	<b>Friday, December 1</b>
<b>Wednesday, November 29</b>	<b>Saturday, December 2</b>
	<b>Sunday, December 3</b>

Week 16

<b>Monday, December 4</b>	<b>Thursday, December 7</b>
<b>Tuesday, December 5</b>	<b>Friday, December 8</b>
<b>Wednesday, December 6</b>	<b>Saturday, December 9</b>
	<b>Sunday, December 10</b>