

Reading Assignments, Homework and Scoring/Recording Homework for Grades/Scores CHEM 121 1001, 1002 and 1003 – Fall 2017

When a passage is assigned for reading in academics, it's not assigned to be read as if it were a once-read-through novel. It's assigned to be read, to be studied, to be practiced, to be learned, so that you can explain what you read to someone else and so that you can apply what you read to demonstrate your knowledge of the material. Plan to focus your energy on your education.

Homework is assigned regularly to assist you in your learning and not to just occupy your spare time. To help you with that, all homework assignments must be completed prior to coming to class. In addition, you will be recording some of your answers to a pre-determined number of those questions in Canvas. You will not know ahead of time which (or how many) questions you are required to record until you open the Canvas file. Plan to focus your energy on your education. It may also be necessary to upload graphics' files into Canvas for your response – please use either jpg's and png's as your format.

The Canvas file will be opened for a fixed period of time and then it will shut off automatically by a pre-determined time and you'll no longer be able to enter your results. Whatever you entered will be graded by Canvas and that will be your score for that worksheet. Plan to focus your energy on your education.

The same identities of question numbers from each worksheet/homework will not be used – they will be randomly determined, e.g., you may be required to enter responses to questions 2, 6, 9, 17, 28, 47 for one problem set and questions 1, 3, 5, 7, 11, 13, 17 for another problem set, ad nauseum. **Read Directions CAREFULLY!**

The questions for which you do not enter a result into Canvas will be put on the board in the classroom by each of you at random – again, until you've completed the Canvas portion of the problems, you won't know which questions those will be, either. Plan to focus your energy on your education.

Dr. Carman determines the times of day the Canvas files open: they won't be consistent and they may be an inconvenience in your non-academically-related life. If you have your homework completed ahead of the day that it's due, this won't be a problem. If you don't it will be a problem. Plan to focus your energy on your education.

There will also be a scoring column for in-class/blackboard/chalkboard/white board participation. A lack of participation will cost the student 10 points (i.e., Dr. Carman will be manually entering “-10” in those columns). Participation costs the student nothing (i.e., a zero (“0”) will be entered by Dr. Carman for your participation into the column in the Canvas grade sheet. Negative points will take away from the Canvas-entered problem set scores. Plan to focus your energy on your education.

Once you have recorded your responses in Canvas, you may come to Dr. Carman's office (304 CED) and review the answer key only for that specific problem set/homework assignment to correct your work.

You will also find your exam/testing schedule in this document. Please remember that you are to bring nothing except a pencil, non-programmable calculator and a jacket to the exams/quizzes/assessments. You must be on time to the exams or you take a “0” for the exam score – no admittance during an active exam! The exams/quizzes/assessments MUST be completed in the computer lab as assigned! Also remember that no one is permitted to leave the room during the exam (excepting an emergency, of course – plan your fluids and fiber carefully as their effects do not constitute emergencies!), i.e., everyone leaves at the same time when everyone's exams are completed. ALL Exams/Quizzes/Assessments (excepting the lab practical final) are Canvas based.

At present, the rooms scheduled for your Pre-Course Assessment, NSBE/Q's and Post-Course Assessment are CED 331A, 331C and 331 Main; the rooms scheduled for the final exam week are CED 331A and CED 331C. The times are on the schedule of assignments in this file. This is subject to change.

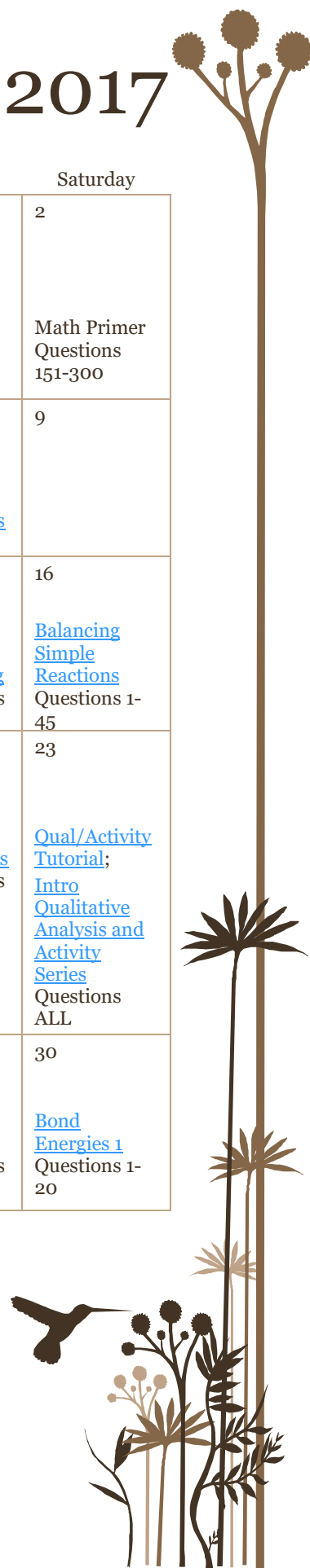
On the following pages you will find the reading assignments and homework assignments necessary for this course. The reading assignments may be found on the [CHEM Course Link Page](#) and are not linked to this pdf. The Homework Assignments/Problem Sets are linked in this pdf. In some cases there are no links: that is because the link is elsewhere under the same name. The day the homework assignment is entered on the calendar is the day that it is due to be recorded in Canvas.

August/September

2017

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
27 – Week 1	28 1730-1845 Pre-Course Assessment Section 1001	29	30	31 Math Primer Questions 1- 150	1	2 Math Primer Questions 151-300
3 – Week 2	4 Math Primer Questions 301-425	5 Significant Figures Questions 1-50	6 1730-1845 NSBE/Q #1	7	8 More Math Questions 1-15	9
10 – Week 3 Even More Math Questions 1-20	11	12 Intro Chem Questions 1-7, 10-20	13 Conversions Questions 1- 25	14 More Intro Chem Questions 1-26	15 Simple Reaction Balancing Questions 1-45	16 Balancing Simple Reactions Questions 1- 45
17 – Week 4 Basic Periodic Table Questions 1-25	18 1730-1845 NSBE/Q #2	19 Mass Spec Questions 1-26	20 Electronic Configuration Questions 1- 30	21 Chemical Nomenclature Questions ALL	22 Lewis Structures Questions ALL	23 Qual/Activity Tutorial; Intro Qualitative Analysis and Activity Series Questions ALL
24 – Week 5 More Redox Questions 1-35	25 Hybridization Questions 1- 17	26 Reaction Types Questions 1-10	27 Reaction Calculations Questions 1- 25	28 Ibid Questions 1-15	29 Effective Charges Questions 1-5	30 Bond Energies 1 Questions 1- 20

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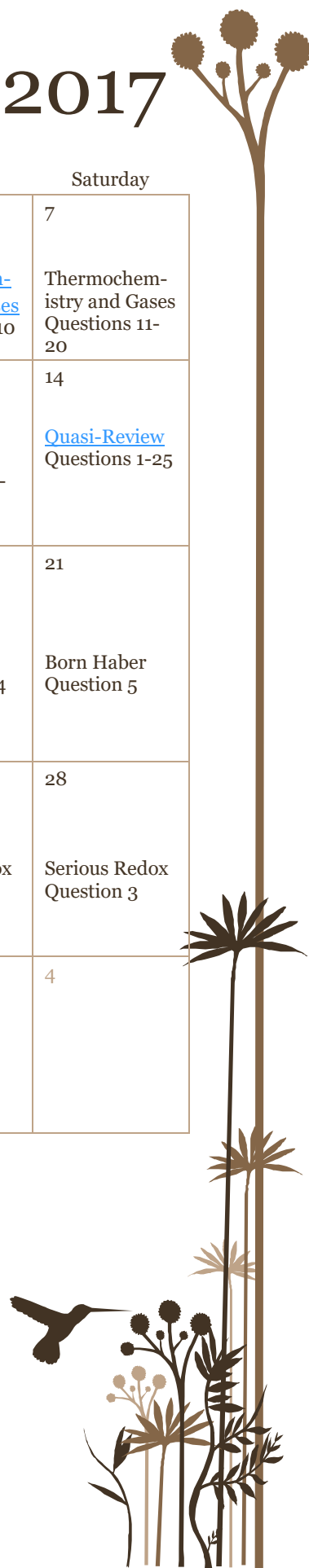
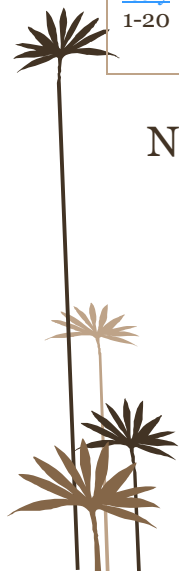


October

2017

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 – Week 6 Review Worksheet Questions 1-20	2 1730-1845 NSBE/Q #3	3 Review Worksheet Questions 21-45	4 Review Worksheet Questions 46-70	5 Bond Energies 2 Questions 1-18	6 Thermochemistry and Gases Questions 1-10	7 Thermochemistry and Gases Questions 11-20
8 – Week 7 Water Questions 1-15	9 Water Questions 16-30	10 Fluid Dynamics Questions 1-10	11 Fluid Dynamics Questions 11-20	12 Osmosis and Electrolytes Questions 1-15	13 Osmosis and Electrolytes Questions 16-35	14 Quasi-Review Questions 1-25
15 – Week 8 Water Questions 1-15	16 1730-1845 NSBE/Q #4	17 Acid-Base-Normal Questions 1-35	18 Simple Redox Review Questions 1-25	19 New Redox Rules Questions 1-20	20 Born Haber Questions 1-4	21 Born Haber Question 5
22 – Week 9 Born Haber Questions 1-4	23 Quasi-Review #2 Questions 1-15	24 Quasi-Review #2 Questions 16-25	25 1730-1845 NSBE/Q #5	26 Serious Redox Question 1	27 Serious Redox Question 2	28 Serious Redox Question 3
29 – Week 10 Thermochemistry Questions 1-20	30 Thermochemistry Questions 21-40	31 Thermochemistry Questions 41-50	1	2	3	4

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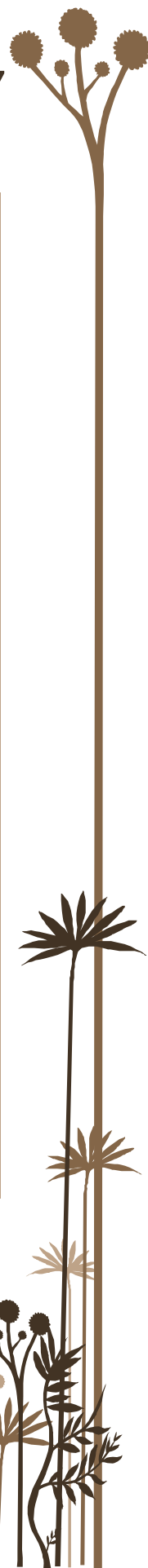
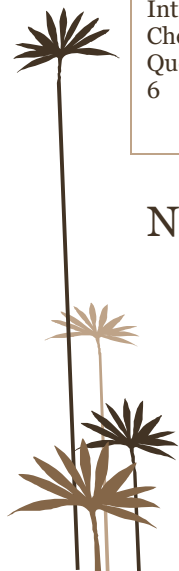


November

2017

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
29	30	31	1 Quasi-Review #3 Questions 1-15	2 Quasi-Review #3 Questions 16-25	3 Big Review Questions 1-20	4 Big Review Questions 21-35
5 – Week 11 Redox, Again! Questions 1-8	6 1730-1845 NSBE/Q #6	7 Non-traditional Redox Questions 1-12	8 More Redox Questions 1-5	9 More Redox Questions 6-10	10 More Redox Questions 1-10	11 Another Review Questions 1-11
12 – Week 12 Another Review Questions 11-17	13 Another Review Questions 18-21	14 Another Review Questions 22-25	15 Electrochemistry Questions 1-20	16 Electrochemistry Questions 21-30	17 Even Another Review Questions 1-18	18 Even Another Review Questions 19-22
19 – Week 13 Even Another Review Questions 29-40	20 1730-1845 NSBE/Q #7	21 Even Another Review Questions 41-50	22 Another Review! Questions 1-35	23	24 Yep! Another Review Questions 1-25	25 Intro O Chem Set 1 Questions 1-3
26 – Week 14 Intro O Chem Set 1 Questions 4-6	27 Review Gen Chem Set 46 Questions 1-10	28 Intro O Chem Set 2 Questions 1-3	29 Even Another Review Questions 23-28	30 Intro O Chem Set 3 Questions 1-4	1	2

Notes:



December

2017

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
26	27	28	29	30	1 Intro O Chem Set 4 Questions 1-10	2 Intro O Chem Set 4 Questions 10-20
3 – Week 15 Intro O Chem Set 5 Question 1	4 Intro O Chem Set 6 Questions 1-2	5 Intro O Chem Set 6 Questions 3-4	6 1730-1845 NSBE/Q #8	7 Intro O Chem Set 7 Questions 1-7	8 Intro O Chem Set 8 Questions 1-10	9 Intro to The Cell Set 1 Questions 1-4
10 – Week 16	11 1730-1845 Lab Theory Final Section 1002 ; 1900-2145 Post-Course Assessment Section 1002	12	13 1730-1845 Lab Theory Final Section 1003 ; 1900-2145 Post-Course Assessment Section 1003	14	15	16

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