

CHEM-102 -- Student Information Form

Spring 2012 -- 12S

Please complete this form and return it to D. S. Chatellier at the end of class.

Name _____

Lab Section Number (circle one): 20 21 22 23 24 25 26 27 28

Local Address: _____

Best Telephone Number: _____

E-mail address: _____

Major at the University of Delaware: _____

Minor at the University of Delaware: _____

When did you take Chemistry 101? _____

Answer either or both of the following questions and feel free to make any additional comments you wish.

1. If you were the casting director of the movie about your life, whom would you cast to play yourself? Why?

2. If the movie in #1 had a theme song, what would it be? Why?

CHEM-102 – General Chemistry

Spring 2012 -- 12S

Instructor: D. S. Chatellier

Office: BRL 233. If I'm in my office, please feel free to drop in! If I'm not in my office, you can either wait for me to return (the signs on my door should tell you when I expect to be back) or leave me a message (include your name and phone number and slide message under my door).

Office phone, with voice mail: 831-8152.

e-mail address: danac@udel.edu

Course Supplies (available at the University Bookstore):

REQUIRED:

Burdge, Chemistry. (2nd Edition)

Lab Manual: Laboratory Manual for General Chemistry.

Eye Protection: Safety goggles are **REQUIRED AT ALL TIMES** in the lab!

OPTIONAL, BUT STRONGLY RECOMMENDED:

Lecture Notes: D. S. Chatellier, Chemistry 102 Lecture Notes.

Study Guide: Burdge, Student's Study Guide.

Solutions Manual: Burdge, Student's Solutions Manual.

Other Resources Which May Help You in CHEM-102:

- a) Old CHEM-102 Exams -- files on reserve in Morris Library Reserve Room.
- b) Tutors -- for more information, see Mrs. Staib in BRL 102.
- c) UDCapture Videos of Lectures:

CHEM-102: <http://udcapture.udel.edu/2010j/chem102-910>

CHEM-101: <http://udcapture.udel.edu/2010j/chem101-010>

CHEM-105: <http://udcapture.udel.edu/2010f/chem105-010>

PLEASE SEE ME WHEN YOU NEED HELP! The best way to prepare for the examinations is to do as many of the problems and exercises in your textbook as you can. The sooner you come to my office, the sooner I can help.

GOOD LUCK!! Best wishes for a successful semester. PLEASE -- BOTHER ME!!

-- D. S. Chatellier

GRADING POLICIES

The minimum requirements for obtaining a passing grade in CHEM-102 are:

- Successful completion of at least ten laboratory experiments.
- Successful completion of the final examination.
- Obtaining a total of at least 400 points on the grading scheme outlined below.

There are at least 800 points that can be scored in CHEM-102:

- Examinations (400 points, 50%) -- Five 80-point examinations will be given. You are expected to be present for all of them. If you miss an examination, see your instructor. If the absence is excusable (illness, death in the family, jury duty, etc.), your final exam score will be prorated. If the absence is not excusable, your score for that examination will be a ZERO. No "make-up" examinations will be given, for any reason.
- Laboratory Experiments (200 points, 25%) -- Twelve laboratory experiments are scheduled. Your ten best laboratory scores will be counted toward your laboratory grade. For more information about your laboratory grade, consult your TA.
- Final Examination (200 points, 25%) -- Details forthcoming.
Your score on the final exam will be prorated to account for any excused absences from the other examinations -- see (a).

The following grading scheme will be used to assign letter grades:

<u>Total Points Scored</u>	<u>Grade</u>	<u>Total Points Scored</u>	<u>Grade</u>
800 - 730 (91.3%)	A	559 - 530 (66.3%)	C
729 - 700 (87.5%)	A-	529 - 500 (62.5%)	C-
699 - 660 (82.5%)	B+	499 - 460 (57.5%)	D+
659 - 630 (78.8%)	B	459 - 430 (53.8%)	D
629 - 600 (75.0%)	B-	429 - 400 (50.0%)	D-
599 - 560 (70.0%)	C+	399 - 0 (0.0%)	F

Feel free to consult me at any time if you have any questions about your grade in CHEM-102.

-- D. S. Chatellier

SCHEDULE OF READING ASSIGNMENTS, EXAMINATIONS, AND LAB EXPERIMENTS				
<u>Week of</u>	<u>Reading Assignments</u>	<u>UDC*</u>	<u>Examinations</u>	<u>Laboratory Experiments</u>
2/6	BURDGE -- Chapter 4 DSC -- pages 1-8	July 12 & 13	None	None
2/13	BURDGE -- Chapter 13 DSC -- pages 9-13, 21-26	July 14 & 15	None	Check-In, Safety Training Expt. #14 -- Colligative Properties
2/20	BURDGE -- Chapter 14 DSC -- pages 27-31, 119	July 16	None	Expt. #21 -- Kinetics
2/27	BURDGE -- Chapter 15 DSC -- pages 32 - 40	July 19	EXAM #1 Wednesday, 2/29	Expt. #17 -- LeChatelier's Principle
3/5	BURDGE -- Chapter 17 DSC -- pages 41-49	July 21	None	Expt. #16 -- Equilibrium Constant
3/12	BURDGE -- Chapter 16 DSC -- pages 50-52, 14-17	July 22	EXAM #2 Friday, 3/16	Expt. #20 -- pH and its Applications
3/19	BURDGE -- Chapter 18 DSC -- pages 18-20, 53-59	July 23	None	Expt. #13 -- Types of Reactions
3/26	SPRING BREAK. No classes or labs. Enjoy!			
4/2	BURDGE -- Chapter 19 DSC -- pages 60-65	July 26 & 28	None	Expt. #26 -- Voltaic Cells
4/9	BURDGE -- Chapter 20 DSC -- pages 93-101	July 29	EXAM # 3 Wednesday, 4/11	Expt. #31 -- Radioactivity
4/16	BURDGE -- Chapter 24 DSC -- pages 66-74	August 2 & 4	None	Expt. #23 -- Analysis of Anions
4/23	BURDGE -- Chapter 24 DSC -- pages 75-81	August 5	EXAM #4 Wednesday, 4/25	Expt. #28 -- Cations I
4/30	BURDGE -- Chapters 22 & 23 DSC -- pages 82-92, 102-106	August 6	None	Expt. #29 -- Cations III
5/7	BURDGE -- Chapter 10 DSC -- pages 107-114	August 9	EXAM #5 Wednesday, 5/9	Expt. #22 -- Esters Clean-Up and Check-Out
5/14	BURDGE -- Chapter 25 DSC -- pages 115-118	August 11	None	None
5/???	FINAL EXAM -- Date, time and place to be announced later.			
<p>*BURDGE = read these chapters in Burdge DSC = Read these pages in D. S. Chatellier, <u>Chemistry 102 Lecture Notes</u>. UDC = watch video lectures on UDCapture with these dates</p>				

Any changes in this schedule will be announced via e-mail.

-- D. S. Chatellier

REGRADING POLICIES

In large, multi-section classes, much of the grading of examinations is done by the teaching assistants. This is a common practice and is often supervised by the professor of the course. Nonetheless, errors in grading sometimes occur. There may be cases in the course of this semester where you may believe that an error has been made in grading your work, and the correction of the error would result in a higher grade for you. The purpose of my regrading policy is to address this situation.

If you believe that an error has been made in grading your examination, you may submit the examination to me for regrading. To do so, simply circle the numbers of the questions that you would like to have me reconsider and return the entire examination to me at the next class meeting. I will reconsider the grading of the circled questions, make any necessary adjustments to your grade, and return the examination to you in class at some future time. It is strongly recommended that you consult the posted answer keys before you submit your exams for regrading.

IT IS A VIOLATION OF BOTH THIS POLICY AND THE UNIVERSITY OF DELAWARE CODE OF CONDUCT (<http://www.udel.edu/studentconduct/>) TO CHANGE ANSWERS ON YOUR EXAMINATION BEFORE SUBMITTING THE EXAMINATION FOR REGRADING. Resubmitted examinations may be photocopied and compared with photocopies of examinations that were made prior to your receiving your graded examinations in an attempt to circumvent this practice. Students who commit academic dishonesty in this way will be prosecuted through the University of Delaware Office of Student Conduct. (It is strongly recommended that any notes you wish to make to yourself on your graded examination be made in a different color of ink or pencil than the color you used while taking the examination. Should you later decide to submit your examination for regrading, the use of a different color will allow me to focus on your original answer for regrading, and will avoid the possibility of an accidental violation of this policy).

Please let me know if you have any questions at any time about the regrading policies in my classes.

– D.S. Chatellier