

Attendance Policies

Attendance will be taken daily. Anyone not enrolled in the class may not attend (liability issues). Therefore, you may not bring children to class (call Child Care Resources and Referral Service (602-244-2678) for free help finding last-minute State-approved day care). Anyone with 4 or more absences during the first 10 weeks of the semester may be dropped from the course. **After the 10th week (October 30th), if you stop coming to class and do not withdraw, you will be assigned an “F” for the course. You may request in writing, up to the last day of class, to receive a “W” at the end of the semester. Once you submit this written request, you may no longer attend class. If you take the final exam or fail to submit a request in writing, you will be assigned a letter grade for the course!**

Course Grading (It is your responsibility to elect to take this course Pass/Fail at the beginning of the semester.) You can check your grades throughout the semester on my website:

http://web.gccaz.edu/~ljburk/index_files/CHM152/CHM152.htm

*One-hour Exams 100 pts (x 3)	300 pts
*Final Exam	150 pts
*Homework 10 pts (x 7)	70 pts
*Quizzes 5 pts (x 10)	50 pts (only the top 10 grades will count)
Total	610 pts

Course Grade Assignments

<u>Percent average</u>	<u>Point Range</u>	<u>Letter grade</u>
≥ 90 %	549 – 610	A
≥ 80 %	488 – 548	B
≥ 70 %	427 – 487	C
≥ 60 %	366 – 426	D
< 60 %	<366	F

- **Special Circumstances for Exams:** None of the graded exams will be dropped. Therefore, it is imperative that you be present for every exam and plan travel and other events accordingly. If university-sanctioned travel or excused events do interfere with an exam date, then it is your responsibility to contact me BEFORE the scheduled exam and take the exam BEFORE the regularly scheduled time. You must **show documentation** in order for an early exam to be administered. All exam dates are scheduled at the beginning of the semester. Exam dates will not be changed but the material covered on them might be shifted depending on the pace of the course.
- **Homework:** Graded homework exercises will help you gauge your understanding of the material presented in each chapter. Homework assignments will be scored out of 10 points and will be graded on relative performance. If you answer 90 – 100% of the questions correctly, you will receive 10 points. 80 – 89% correct will earn you 9 points, etc. Less than 30% will result in a score of 0 for a homework assignment. How to access homework will be covered the first day of class.
 - Additional worksheets are available on my website as extra practice material to help you study. They will not be turned in or graded, although they will be helpful for you. Answer keys to the worksheets will be posted online.
- **Group Quizzes:** Group quizzes and some individual quizzes will be given during lecture and will not be announced. Therefore it is in your best interest to attend every class. In-class quizzes will be graded on a five-point scale. Make-up quizzes will be allowed if I am notified before an absence (via email or phone) and if **written documentation is provided**. It is your responsibility to schedule a make-up quiz. We may take many quizzes, but only the top 10 scores will count toward your final grade.
- **Individual Quizzes:** These will operate much like group quizzes but will be completed individually. They will be given toward the end of class and be due at the beginning of the next class. Late quizzes will not be accepted without written documentation. No whining is allowed when quizzes are announced.

Sources of Help

In addition to my office hours listed above, there is departmental tutoring every Monday in room PS-150. Instructors will be available every Monday from 9 am to 5 pm. A schedule will be posted of when each instructor will be available for help. Free tutoring is also available within the department. Schedules are posted in the lecture and lab rooms and in the lobby. The department will also print and distribute a bookmark listing all office hours, CHEM help hours, and tutoring hours for the semester.

Special Accommodations

If you need special accommodations for lecture or testing purposes, please contact the Disability Services and Resources office (TDS building, phone 623-435-3080). Please see me during the first week of classes to discuss appropriate accommodations to meet your needs. If you require special accommodations for exams, please schedule a time to see me as early as possible in the semester.

Withdrawing from the course

The unrestricted withdrawal deadline is **October 2nd** (my signature is not needed). The restricted withdrawal deadline is **November 30th** (you will need my signature in order to withdraw). You may also elect to receive a "W" at the end of the semester if you submit a written request **up to the last day of class**. Once you elect to withdraw from the course you may no longer attend (see attendance policies). You cannot elect to receive a "W" for the course if you take the final exam – you will receive a letter grade for the course.

Academic Integrity

Cheating will absolutely not be tolerated. Cheating is bad! This includes (but is not limited to) any form of inter-student collaboration on exams or external assignments that is not specifically sanctioned by the professor, use of prohibited materials or devices during exams, copying or distribution of quiz or exam answers prior to the test, and plagiarism. See the student handbook for statements about student responsibility regarding cheating and academic integrity (<http://www.gc.maricopa.edu/catalog/scholastic.htm>)

Taping Policy

Lectures may be audio-taped for personal use only. No video-taping is allowed unless you receive my permission before each use.

Cell Phone/Pager Policy

Cell phone use during class is not permitted. Turn all ringers off before entering the classroom. Take all vital calls **outside the classroom. If your cell phone rings, beeps, vibrates, or otherwise makes noise during an exam, your exam will be taken up at that point.**

Statement of Student Responsibility:

You are responsible for the information contained in this syllabus. If you have questions or concerns about any of the policies please see me as soon as possible so we can address them. Your signature on the last page is your agreement to the policies outlined in this syllabus.

Students will be notified by me of any changes in course requirements or policies.

CHM 152 Class Schedule (subject to change as needed)

Week of	Topic	Homework Dates	Notes	Experiments
8/24	First day, Introductions, Syllabus Ch. 12 rate, 1 st and 2 nd order Ch. 12 Rate laws and mechanisms			Intro; Pre-test
8/31	No Class Monday Ch. 12 Arrhenius; Ch. 13 Equilibrium Ch. 13 K_c , K_p	Intro: 9/1	<i>Monday holiday – Labor Day</i>	Solutions Worksheet
9/7	Ch. 13 Equilibrium expressions, K calculations, Q Ch. 13 Le Chatelier's Principle, Catalysis	Ch. 12: 9/8		Kinetics
9/14	Ch. 14 Acids, Bases, Strength Ch. 14 K_w , pH, pOH Thursday: Exam I over Ch. 12/13	Ch. 13: 9/15		Kinetics Help Session
9/21	Ch. 14 pH of strong acids, weak acids, K_a Ch. 14 K_b , Salts			Le Chatelier

9/28	Ch. 14 Salts Ch. 15 Common ion		October 2 nd – Last Day to get W w/o signature	Intro Strong/ Weak Acids
10/5	Ch. 15 Buffers Ch. 15 Titrations	Ch. 14: 10/6		Weak Acids, Weak Bases
10/12	Ch. 15 Titrations Ch. 15 Solubility, K_{sp}			Exploring Buffers
10/19	Ch. 16 Enthalpy and Entropy Thursday: Exam II over Ch. 14/15	Ch. 15: 10/20		Acid-Base Titrations
10/26	Ch. 16 ΔH and ΔS for phase changes and solutions Ch. 16 Thermo calculations			Qualitative Analysis
11/2	Ch. 16 Gibb's Free Energy Ch. 17 Galvanic cells			Thermo- dynamics
11/9	Ch. 17 EMF, E°_{red} Table Ch. 17 Nernst	Ch. 16: 11/10	Wednesday Holiday (11/11)	Redox Titration
11/16	Ch. 17 EMF and K			Electro- chemistry
11/23	Tuesday: Exam III over Ch. 16/17	Ch. 17: 11/24	No class Thursday & Friday - Thanksgiving	No Labs
11/30	Ch. 22 Radioactivity, Kinetics			Nuclear
12/7	Ch. 22 Stability, Fission, Fusion, Transmutation Ch. 22 Nuclear Power Plants	Ch. 22: 12/15	Must ask for W before the Final if wanted	Final Exam
12/16	Final Exam: See Date & Times Below		If you take the final, you get a letter grade!	

Final Exams

Section 12246 (11:30-12:45) Thur., Dec. 17th 11:00 – 12:50 am
 Section 12304 (5:45–7:00) Tue., Dec. 15th 5:30 – 7:20 pm

My Fall 2009 Schedule: Block off the times during which you will be in classes (mark with “C”), at work (“W”), and other busy times (“B”). Then indicate the blocks of time you can dedicate to studying (“S”).

Hour	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
------	--------	--------	---------	-----------	----------	--------	----------

8 – 9 am							
9 – 10 am							
10 – 11 am							
11am – 12pm							
12 – 1 pm							
1 – 2 pm							
2 – 3 pm							
3 – 4 pm							
4 – 5 pm							
5 – 6 pm							
6 – 7 pm							
7 – 8 pm							
8 – 9 pm							
9 – 10 pm							
10 – 11 pm							

Extra hours of study:

Tear this sheet on the line below (as best as you can) and turn in the contract once you have read and understand the policies outlined in this syllabus.

Syllabus Contract

I (print name), _____, acknowledge that I have received and understand the attached course policies for CHM 152 lecture.

I will not cheat, nor will I encourage or allow others to do so. _____ (initial)

I understand that this course will require considerable time and effort on my part and that I need to allow an appropriate amount of time for studying the material outside of class, work, and family obligations.
(initial) _____

Signature: _____

Date: _____

Indicate a 3-letter, 4-digit code (e.g., ABC1234) you would like to use to look up your grades on the website.

Code: _____

Academic Major: _____ (so I can tailor lectures to interest you ☺)