

Lecture and Lab Schedule

Textbook: Chemistry by J. Burdge, 4th Edition

Week No.	Date	Day	Lec.	Chapter	Sec.	Homework	Laboratory
1	Sept 2	U	1	1	1-2		No Lab
	4	T	2	1	3-4	Ch 1: 13, 23, 39, 47, 57	
	6	R	3	1	5-6		
2	9	U	4	2	1-3		Laboratory Check-in and SI (Dry lab 1) page # 43
	11	T	5	2	4-6		
	13	R	6	2	7,8	Ch 2: 6, 23, 34, 45, 55, 59, 75	
3	16	U	7	3	1-2		Basic laboratory Operation (Expt. 1) page # 51
	18	T	8	3	3-4		
	20	R	9	3	5-6		
4	23	U	National Day Holiday				No Lab
	25	T	10	3	7	Ch 3: 6, 11, 21, 32, 63, 70, 88	
	27	R	11	4	1-2		
	29	Saturday	12	4	3-4		
5	30	U	13	4	5-6		Percent of water in a hydrated salt (Expt. 5) page # 85
	Oct 2	T	14	5	1-2	Ch 4: 7, 19, 21, 31, 41, 61, 83	
	4	R	15	Review		Exam tonight	
	1st Major 8:00 PM [Exam will cover Ch 1 through 4] Bldg 57						
6	7	U	16	5	3-4		A volumetric analysis (Expt. 9) page # 133
	9	T	17	5	5-6		
	11	R	18	6	1-3	Ch 5: 13, 27, 35, 43, 53, 67	
7	14	U	19	6	4-5		Vinegar Analysis (Exp 10) Page # 143
	16	T	20	6	6-7		
	18	R	21	6	8-9	Ch 6: 5, 21, 33, 43, 53, 71, 97	
8	21	U	22	7	1-2		Alkalinity of water (Expt 20)
	23	T	23	7	3-4		
	25	R	24	7	5-6	Ch 7: 19, 35, 47, 73, 85	
	28	U	25	8	1-3		
9	30	T	26	8	4-5		Calorimetry (Expt # 25) page # 293
	Nov 1	R	27	8	6-7		
	4	U	28	8	8-9	Ch 8: 3, 19, 33, 37, 47, 53, 61, 73, 81	
10	6	T	29	9	1-2		Molar mass of volatile liquid (Expt. 12) page # 173
	8	R	30	Review		Exam tonight	
	2nd Major 7:30 PM [Exam will cover 5 to 8] Bldg 57						
	11	U	31	9	3-4		
11	13	T	32	9	5-6		Molar mass of solid (Expt. 14) page # 189
	15	R	33	9	7	Ch 9: 9, 19, 29, 37, 53, 67	
	18	U	34	10	1-2		
	20	T	35	10	3-4		
12	22	R	36	10	5-7	CH 10: 17, 25, 37, 61, 73, 85, 97	Atomic and Molecular Structure (Dry Lab 3)
	25	U	37	11	1-2		
	27	T	38	11	3-4		
	29	R	39	11	5-6		
13	Dec 2	U	40	11	7	Ch 11: 11, 33, 45, 49, 85, 105	Final Lab test (written and experimental)
	4	T	41	13	1-2		
	6	R	42	13	3-4		
14	9	U	43	13	5-6	Ch 13: 9, 23, 33, 57, 65, 87	Lab Grade Submission
	11	T	44	Review			
	13	R	45	Review			
15						No Lab	

GENERAL INFORMATION

Chemistry by J. Burdge, 4th Edition

1. Homework

Students are strongly advised to do the homework problems assigned from the textbook. Note: There are two types of HW. (1) HW questions provided in the class schedule and the solutions for these questions are provided in the Chemistry web page. (2) The other HW will be given by your lecture instructor(s) and carries 10 points and will be averaged to 6.5 points.

2. Quizzes and Exams

Quizzes will be given in the recitation classes and exams will be common. WebCT may also be used for quizzes. The problems in quizzes and exams can be related to any material mentioned in the syllabus.

3. General Policy on attendance and make-ups

(a) Attendance in the classes will be taken within five minutes of the beginning of the class.

(b) "DN" grade will be given to any student exceeding

* 9 unexcused or 15 excused/unexcused absences in the lecture classes

(OR)

* 3 unexcused or 5 excused/unexcused absences in the laboratory classes

* Officially authorized excuse of absences must be presented to the instructor **no**

later than one week following the resumption of class attendance.

(c) Policy of missed major or final exams:

If a student missed any major exams, he must bring official excuse from the students affairs. He will be given a make-up exam within a week. If a student missed final exam, he must take a final exam along with other students for the following semester and the grade will be decided by his instructor.

(d) No Make-up will be given for the majors, quizzes and labs.

(e) Only non-programmable calculators are allowed in the exams, and mobile phone cannot be used as a calculator.

4. Grade Distribution

	Component	Points	Percent (%)
	First major	60	15
	Second major	60	15
	Final Exam	100	25
	Laboratory work	100*	25 (Ave 75/100)
	Quizzes	60**	15 (Ave 39/60)
	Homework	10**	2.5 (Ave 6.5/10)
	Attendance	10***	2.5
	Total	400	100

(*) Normalized to an average of 75 %

(**) Normalized to an average of 65 %

(***) One point will be deducted for each unexcused absence

<http://www.kfupm.edu.sa/departments/chem/SitePages/en/ContentDetailsPage.as>

Plagiarism and Cheating: (Please read carefully)

In this course, there will be individual assignments. It is important that your individual assignments be completed with your own efforts alone. The instructor cannot and will not tolerate any sort of academic dishonesty. It is also the responsibility of the student to be on guard against cheating at any time when writing a paper to be turned in and while taking exams and quizzes.

During tests (quizzes or exams), cheating or attempting to cheat by any means or using any unauthorized tools (such as mobiles) will result in a grade of F in the course and raising the issue to the higher university administration.