

SYLLABUS and reading assignments

Text: "Chemistry–The Central Science", 11th Edition; Brown & LeMay, Prentice-Hall (2009)

Lecture classes meet Tuesdays and Fridays, 11:20 AM– 12:35 PM, Room S-11.

Instructor: Dr. R. S. Strange
973-443-8786 (machine on duty)

e-mail: strange@fdu.edu

facs: 973-443-8795

Office: S-15b (2nd flr, Science Bldg.)
<http://alpha.fdu.edu/~strange/>

<u>Date</u>	<u>Lecture Topic (section)</u>	<u>Reading Assignment</u>
Tue, Jan 26	Ch. 13 Solutions	Ch. 13
Fri, Jan 29	Ch. 13 "	Ch. 13
Tue, Feb 2	Ch. 14 Chemical Kinetics	Ch. 14
Fri, Feb 5	Ch. 14 "	Ch. 14
Tue, Feb 9	Ch. 14 Chemical Kinetics (cont'd)	Ch. 14
Fri, Feb 12	Ch. 14/15 finish Ch 14; start Ch 15	Ch. 14, 15
Tue, Feb 16	Ch. 15 Chemical Equilibrium	Ch. 15
Fri, Feb 19	Ch. 15 "	Ch. 15
Tue, Feb 23	Ch. 15/16 finish Ch 15; start Ch 16	Ch. 15, 16
Fri, Feb 26	Test 1 [Chaps 13, 14, 15] SNOW	-----
Tue, Mar 2	Ch. 16 Acid/Base Equilibria TEST 1	Ch. 16
Fri, Mar 5	Ch. 16 Acid/Base Equilibria	Ch. 16
Tue, Mar 9	Ch. 16 Acid/Base Equilibria	Ch. 16
Fri, Mar 12	Ch. 17 Buffers, Titrations, Solubility	Ch. 17
March 15 - 19	----- Spring Break	-----
Tue, Mar 23	Ch. 17 Buffers, Titrations, Solubility	Ch. 17
Fri, Mar 26	Ch. 17/19 finish Ch. 17; start Thermo	Ch. 17, 19
Tue, Mar 30	Ch. 19 Chemical Thermodynamics	Ch. 19
Fri, Apr 2	Ch. 19 Chemical Thermodynamics	Ch. 19
Tue, Apr 6	Ch. 19/20 finish Thermo; start Ch 20	Ch. 19, 20
Fri, Apr 9	Test 2 [Chapters 16, 17]	-----
Tue, Apr 13	Ch. 20 Electrochemistry	Ch. 20
Fri, Apr 16	Ch. 20 Electrochemistry	Ch. 20
Tue, Apr 20	Ch. 20/21 finish Ch 20; start Ch 21	Ch. 20, 21
Fri, Apr 23	Ch. 21 Nuclear Chemistry (partial)	Ch. 21.1-21.4
Tue, Apr 27	Ch. 21 Nuclear Chemistry (partial)	Ch. 21.1-21.4
Fri, Apr 30	Ch. 24 Metal Coordination Chemistry	Ch. 24
Tue, May 4	Ch. 24 finish Ch. 24; review	Ch. 24
Fri, May 7	Test 3 [Chaps 19, 20, 21, 24]	

Tue, May 11, 12:30 PM **Final Exam** - cumulative

Note: Concurrent registration in CHEM1212 Recitation class is required.

PROSPECTUS

Text: "Chemistry – the Central Science", 11th Edition, Brown & LeMay; Prentice-Hall (2009)

Instructor: Dr. R. S. Strange
973-443-8786 (machine on duty)

e-mail: strange@fdu.edu

facs: 973-443-8795

Office: S-15B (2nd flr, Science Bldg.)
<http://alpha.fdu.edu/~strange/>

Lectures: Tuesdays and Fridays, 11:20 AM to 12:35 PM
Room: S-19, Science Building
[Recitations: Tuesdays and Thursdays]

Note: Registration and attendance at Recitation (CHEM1212) section is required.

An electronic calculator that has $1/x$, log, 10^X , SQRT, and scientific notation (at least these five features) will be needed for tests and homework. Programmable calculators with non-volatile memories will not be permitted during tests.

Grading and tests:

attendance	05	required (sign in at beginning of class)
quizzes	15	given during required recitation classes (CHEM1212)
tests, 3 @ 20	60	5th week, 10th week, 14th week
final exam	20	Tuesday, May 11, 12:30 pm (cumulative)
	—	
total	100	

The lowest quiz grade will be dropped to make allowance for one absence. Attendance at lectures and quiz sections is required (sign-in) and will be graded at all lecture and recitation classes.

Each test will be scaled and curved separately and letter grades assigned. Quiz, test, and final exam scores will be curved separately and scaled to the same average and standard deviation in order to obtain the overall average.

No make-up tests will be given. The date of the final exam will be Tue, May 11, 12:30-2:30 PM. Students in the laboratory sections will receive separate grades, which grades will not affect the lecture grades.

Note: I will provide recommended problems from the Brown & LeMay text for your practice.

These problems and other materials will all be posted at my web page (see above) as the semester progresses. In addition, these and additional materials may be posted on WebCampus when it is available. When WebCampus is down all materials will be available at my web page: look for "Quick Links".