

Chemistry for Liberal Arts

CHM 1020, 20091, Ref # 291369

Class: Room G306 TR 8:00 – 9:15

Instructor: **Stephen Milczanowski**
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R:1-5, T: 4-5

web site: <http://web.fccj.org/~smilczan>

Course Description:

Students will benefit by taking high school algebra or MAT 0024 prior to enrolling in this course. This course, designed to meet the General Education Requirements for non-science majors, is designed especially for students who wish to gain an understanding of the fundamental nature of physical science from the chemical point of view. The treatment utilizes an approach to scientific concepts and methods, stressing and illustrating principles rather than merely listing phenomena. Three contact hours.

Required:

- Scientific calculator that has log, and EE or EXP function keys.

Attendance:

- You are responsible for all material presented in class, including announcements about course procedures or schedules. Exams, quizzes, and homework often include questions on material presented only in class, so performance on these indirectly reflects attendance. Attendance will only be taken for the first two weeks of the semester. Students who do not attend class during the first two weeks of class will be removed from the class. The "FN" grade may be given immediately after the withdrawal deadline for students who have stopped attending class and are failing. An FN grade will be assigned if a student misses more than two tests including the final or fails to complete more than 3 labs.

Evaluation:

- There will be three exams in the regular semester. Each exam is worth of the course grade.
- The final exam is worth 1/3 of the course grade.
- The lowest grade among the 3 tests and the final will be dropped.
- Course grades will be assigned as follows:

A: 90% - 100%	B: 80% - 89.99%	C: 70% - 79.99%
D: 60% - 69.99%	F: below 60%	NP grades are not given.

Incompletes will be given only if: a) at least 70% of the work is completed at the time of the request and b) the student is passing with at least a "D" at the time of the request, and c) there is a valid reason such as illness, an accident, etc. . . . Doctor's notes are required for granting incomplete grades. Other grades such as "W" (withdrawal) and "X" (audit) may be assigned according to college policies.

Examinations:

- Examinations usually contain a multiple-choice section, and a problems section.

MAKE-UP EXAMS: Because the lowest exam score is dropped there should be no make-ups for exams.

Lectures:

- Lectures will be presented in a combined PowerPoint/whiteboard format. Students will have an opportunity to printout handouts from the class web site.

Breaches in classroom etiquette may result in grade penalties up to failure for the class. See web site for classroom etiquette. Academic dishonesty may result in a course grade of F.

CHM1020 Fall 2008 (20091)

MON	TUES	WED	THURS	FRI
AUG 25 Classes Begin	AUG 26 Introduction & Sci Method	AUG 27	AUG 28 Energy & Matter	AUG 29
SEP 1 LABOR DAY COLLEGE CLOSED	SEP 2 Drop deadline Basic Math incl measurements	SEP 3	SEP 4 Basic Math incl. Sci notation and sig figs	SEP 5
SEP 8	SEP 9 Atomic Structure	SEP 10	SEP 11 Atomic Structure	SEP 12
SEP 15	SEP 16 nuclear chemistry	SEP 17	SEP 18 electronic structure	SEP 19
SEP 22	SEP 23 Review	SEP 24	SEP 25 Test 1	SEP 26
SEP 29	SEP 30 ionic compounds	OCT 1	OCT 2 ionic compounds	OCT 3
OCT 6	OCT 7 covalent compounds	OCT 8	OCT 9 covalent compounds	OCT 10
OCT 13	OCT 14 Solutions	OCT 15	OCT 16 Gas Laws	OCT 17
OCT 20	OCT 21 Gas Laws	OCT 22	OCT 23 Review	OCT 24
OCT 27	OCT 28 Test 2	OCT 29	OCT 30 Reactions Balancing	OCT 31
NOV 3 Final Date to Withdraw	NOV 4 The mole and Stoichiometry	NOV 5	NOV 6 Identifying Redox reactions	NOV 7
NOV 10	NOV 11 VETERANS DAY COLLEGE CLOSED	NOV 12	NOV 13 Other Driving forces	NOV 14
NOV 17	NOV 18 pH	NOV 19	NOV 20 pH	NOV 21
NOV 24	NOV 25 pH	NOV 26	NOV 27 THANKSGIVING COLLEGE CLOSED	NOV 28 THANKSGIVING COLLEGE CLOSED
DEC 1	DEC 2 review	DEC 3	DEC 4 Test 3	DEC 5
DEC 8	DEC 9 review	DEC 10	DEC 11 Final Exam	DEC 12