

CHEMISTRY 107-01

GENERAL CHEMISTRY I

Spring 2002

8:00 am - 8:50 am, MTuWTh

Rm. CNSB 243

INSTRUCTOR INFORMATION

Instructor: Dr. Gary L. Findley  
Office: CNSB 202  
Office Hours: 9 - 11 am (M-F)  
Telephone: 342-1835  
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URL: <http://www.ulm.edu/chemistry/findley>

COURSE

Content: Principles of modern chemistry.

Goals/

Objectives: CHEM 107 is the first semester of a fundamental introduction to chemistry. It provides a foundation for further study in chemistry and the related sciences. Topics covered include: stoichiometry, thermochemistry, electronic structure, chemical bonding, chemical reactions, properties of gases, intermolecular forces, and solutions. (A grade of "C" or better in CHEM 107 is a prerequisite for CHEM 108.)

REQUIREMENTS

Prerequisite: Eligibility for MATH 111 or higher.

Text: *Chemistry: The Central Science*, T. L. Brown, H. E. LeMay and B. E. Bursten, 8th ed. (Prentice-Hall, New Jersey, 2000), including the CourseCompass Website material. Both the textbook and CourseCompass are *required*.

Material

Covered: Chapters 1 - 13.

Attendance: It is your responsibility to attend class and to be punctual. Unexcused absences and/or habitual tardiness will result in a grade penalty, in accordance with the ULM Code of Student Conduct. Do *not* enter the classroom if the lecture is in progress.

## EVALUATION

Exams: There will be three one-hour exams and a final exam. *All exams will be cumulative.*

exam 1	100 pts	Feb 7	<u>Through</u> Chap. 3
exam 2	100 pts	Mar 14	Chap. 7
exam 3	100 pts	Apr 18	Chap. 10
final exam	200 pts	May 9	Chap. 13

One make-up examination – which will cover the entire course – will be given on May 14. This examination can be taken only by arrangement with the instructor, and will require the presentation of a valid university excuse (ULM Code of Student Conduct).

Homework: There will be twenty homework assignments, each worth 5 pts. Late homework will not be accepted. Homework must be submitted through the CourseCompass Website. Instructions for registering with CourseCompass will be found at <http://www.ulm.edu/chemistry/findley>, under the student resources button. Homework assignments will be found on the CourseCompass pages for this course.

Grading:

exams	300 pts
final exam	200
homework	<u>100</u>
COURSE TOTAL	600 pts

A	537 - 600 pts
B	477 - 536
C	417 - 476
D	357 - 416
F	< 357