

**CHE 112-001**  
**Chemistry and Society**

**Instructor:** James Stacey  
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**Class times:** MWF 11:00-11:50

**Text:** Chemistry for Changing Times, John W. Hill

**Goals:** Students are introduced to some basic chemistry through lecture and discussion. Considerable time is spent on learning the language of chemistry. Students should be able to demonstrate their understanding through communication during class discussion and written examinations.

**Attendance:** Students have freely chosen this course and should be in attendance.

**Quizzes:** a 50 minute test will cover every two chapters otherwise noted by the instructor. Each quiz is taken from the material covered the previous week. Absences result in a ZERO unless previous arrangements are made with the instructor.

**Exam:** An exam is given at the end of the semester and students are responsible for knowing the time and date of the exam. Absences will result in a ZERO. Written requests for make-up exam must be given to instructor at least one lecture period before exam.

**Grades:** Your performance is evaluated according to the following weights.

WEEKLY QUIZZES	70%
EXAM	30%

**Grading scale:** 100—A—90—B—80—C—70—D—60—F—0

**Assignments:** Questions and exercises at the end of each chapter are encouraged for the students self help. Any material in the questions and exercises may appear on the quizzes.

**Reading:** The material covered by this course is outlined by the weekly reading assigned below. Students are responsible for reading this material before it is covered in the lectures.

Week 1:	Chapter 1 Chemistry
Week 2:	Chapter 2 Atoms
Week 3:	Chapter 3 Atomic Structure
Week 4:	Chapter 3 Atomic Structure
Week 5:	Chapter 4 Nuclear Chemistry
Week 6:	Chapter 5 Chemical Bonds
Week 7:	Chapter 6 Chemical Accounting
Week 8:	Chapter 6 Chemical Accounting
Week 9:	Chapter 7 Acids and Bases
Week 10:	Chapter 8 Oxidation and Reduction
Week 11:	Chapter 8 Oxidation and Reduction
Week 12:	Chapter 9 Organic Chemistry
Week 13:	Chapter 9 Organic Chemistry
Week 14:	Chapter 12 Air

All items on this syllabus are subject to change by the instructor.

Students are responsible for reading and understanding all items on this syllabus. Any items not understood must be brought to the attention of the instructor within the first two weeks of class.