

# *Chemistry and Pre-AP Chemistry Course Syllabus 2013-2014*

## **Rocklin High School**

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### **Course Prerequisites**

Successful Completion of Biology and Algebra I.

### **Course Description**

General Chemistry is a comprehensive, initial exposure to the field of chemistry. The course serves to help all students develop an understanding of chemistry and a foundation for those students who intend to continue the study of chemistry in college. Coursework includes lectures, labs, activities, homework, and tests. The following units will be covered: The Atom, The Periodic Table, Dimensional Analysis, Chemical Bonding, Molecular Geometry, Chemical Reactions, Thermochemistry Stoichiometry, Gases, Acids & Bases.

### **Pre-AP Chemistry Course Description**

Pre-AP Chemistry is a course embedded within the General Chemistry class. The Pre-AP curriculum will require students to work independently. They must be able to watch video lectures and complete assignments on their own. A calendar will be posted when assignments are due and tests are to be taken. The course content will include all the general chemistry content above, with extensions in some topics. In addition, the following topics will also be covered: oxidation-reduction, kinetics, and equilibrium. Students should enroll in Pre-AP if they plan to take AP Chemistry or major in a science in college. Students must complete both semesters of Pre-AP Chemistry in order to receive honors weighting on their transcript.

### **Grading Policy**

To pass Chemistry you must successfully show mastery of all essential skills for each unit and earn an overall percentage of 70% or higher on graded work. The grade is weighted 70% tests and 30% assignments. Please note that it is possible to show mastery of all essential skills and earn less than 70% of the total points and still earn a grade of No Credit (NC). A grade of NC means you must retake the class. The following is a breakdown of the grading scale: A = 90-100%, B = 80-89%, C = 70-79%, NC = 69% or lower.

### **Required Materials**

Non-graphing scientific calculators are required. Graphing calculators are not allowed for exams.

### **Website**

The course site on the RHS web page, will include this syllabus and a pacing guide for each unit. Students will be expected to create a Schoology account. The Schoology page will contain all handouts, videos, and specific interactive unit content. When absent, it is expected that the student will refer to these websites for information missed. It is the student's responsibility to clarify any concepts. If you are absent on a lab day, there will be a make-up lab offered before, PLUS period, and after school. You must make up the lab during one of the make-up sessions. Failure to attend the make-up session will result in partial credit on that lab.

### **Correctives, Retakes and Tutoring**

Essential Skill quizzes will be given throughout the unit. Students will have an opportunity to make up Essential Skills when the test is returned. Additional corrective time or tutoring is available at PLUS period or by appointment. Extra credit is not offered. If a student would like to improve their grade a retake test will be offered every unit. In order to take the retake test, students must complete an on-line retake quiz and earn a 70%. Students will be assigned the higher of the two grades.

### **Behavior Expectations**

Chemistry is a lab based class with safety concerns. We trust that you will act appropriately in class, follow all safety instructions and take responsibility for your actions. Failure to act in a sensible, responsible manner will result in appropriate disciplinary action.

### **Academic Integrity Policy**

The primary goal of any educational institution is to promote quality learning and the pursuit of intellectual excellence. We will strictly enforce the integrity policy of Rocklin High School. Please see your student handbook.