

Troy High School Course Profile

Course Title: Chemistry

Course Prerequisites: Refer To Registration Presentation

Course Description:

Chemistry is a natural science that deals with the composition, properties, structure, and reactions of matter. An emphasis is placed upon laboratory experiences, class discussions, and problem-solving activities. This course satisfies the physical science graduation requirement

Students entering this course should already have a mastery of the following concepts and possess the following skills:

- Basic Algebra skills (addition, subtraction, multiplication, division)
- Algebraic Manipulation (the ability to manipulate equations to solve for a given variable)
- Basic calculator skills
- Math reasoning (the ability to apply the concepts learned in math)
- The ability to read a problem and pull relevant data needed to solve the problem using various math functions

Workload Expectations for this course (list typical amount of homework, projects, presentations, papers, etc.):

- Approximately 30 to 40 minutes worth of homework a night
- Even if no homework is given, the student should spend at least 20 minutes reviewing notes from class so as to not fall behind in content knowledge
- Students must be able to work well with others during labs and projects