

Course Description

Chemistry is an introductory course to the study of the world at the atomic level. We will actively investigate topics in the classroom and laboratory. During the second term of this course we will be building upon our skills from the first semester as we continue to study modern atomic theory, the mole and stoichiometry, chemical reactions, gases and their behaviors, solutions, and acid-base chemistry. The prerequisite for this course is Algebra I.

Instructor Contact Information

Name: Mrs. Yetter

Office location: Office 3 in Science Building

Phone: 314-993-4045 ext 360

Email: jyetter@jburroughs.org

Office Hours: My schedule is posted online at <http://science.jburroughs.org/jyetter/homepage.html>. When I am not in class I am available to meet with students. If one would like to schedule an alternative time (i.e. before school), then please contact me to schedule an appointment.

Course Expectations

- ◆ Students should bring their chemistry materials (binder, pen/pencil, calculator, paper, graph paper) to class every day.
- ◆ Proper etiquette is expected at all times (i.e. please, thank you, excuse me, etc).
- ◆ Activities are assigned regularly. Please approach each assignment with an open mind and a serious attitude.
- ◆ Be persistent – not all answers will be apparent at first glance.
- ◆ When an assignment is due, it should be turned in at the **start of class**. If a student should have an excused absence, see policies below. Please contact me as soon as possible when you are absent.
- ◆ Students are expected to abide by the Science Department Policies as well as the policies outlined in the Student-Parent Handbook when in the chemistry classroom and laboratory.
- ◆ **Extra credit is not available for this course.** We will have plenty of assignments to keep each student learning the concepts.

Course Policies

- ◆ Homework and labs will be collected periodically at the beginning of class. See policy below for late assignments.
- ◆ When a student is absent, it is the student's responsibility to determine the content of the missed class by contacting the teacher or a classmate as soon as possible. It is also the student's responsibility to turn in the missed assignments on the day she/he returns to school. If the student does not schedule the make up of a lab within one week of returning to school, the student will receive a grade of zero for the experiment.
- ◆ An assignment turned in on time the date it is due is eligible for full credit. An assignment turned in one day late is eligible for a maximum of **half-credit**. Assignments more than one day late will receive **zero credit**. The weekend will count as one day in regards to late assignments.

Assessment

Students will be assessed on their learning and understanding through lab activities, written reports, homework assignments, quizzes, and tests. A comprehensive exam will be given at the end of the semester. This will cover all of the topics presented during the 2016 – 2017 school year.

Weight of Assignments by Type for Second Semester Chemistry

Type of Assignment	Percentage of Overall Grade
Homework	15
Lab Reports	25
Tests and Quizzes	40
Final Exam	20

Science Assessment Scale

Overall Percentage	Letter Grade
93.0 - 100	A
90.0 – 92.9	A-
87.0 – 89.9	B+
83.0 – 86.0	B
80.0 – 82.9	B-
77.0 – 79.9	C+
73.0 – 76.9	C
70.0 – 72.9	C-
67.0 – 69.9	D+
63.0 – 66.9	D
60.0 – 62.9	D-

Laboratory Safety

- ◆ Students must wear safety glasses during all experiments.
- ◆ Clothing acts as a protective barrier in the laboratory and allows a person a few extra seconds between the time of a spill and when the chemical comes into contact with skin. I recommend wearing a shirt with a sleeve and bottoms that are close to knee-length or longer when coming to lab.
- ◆ Closed-toe shoes are required in the laboratory.
- ◆ Long hair must be tied back during experiments.
- ◆ **All data must be collected in blue or black ink.** Calculations may be completed in pencil.
- ◆ There will be no dangerous behavior in the laboratory (no running or yelling).
- ◆ Food, drink, and gum are prohibited from the laboratory.
- ◆ Students violating any of the safety rules will be removed from lab.
- ◆ At the end of each experiment, students will wash and rinse all laboratory equipment used that day as well as the lab bench top.
- ◆ Before leaving the lab, students will wash their hands with soap and water.