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**Chemistry**  
**Course Syllabus**  
Fall 2018- Spring 2019  
T/Th 10:00-11:00

Class Cost: \$310/per semester

**Course Purpose and Description** This Chemistry course is a standards-based study of fundamental chemical concepts, such as atomic theory and its relation to chemical behavior, nomenclature, chemical bonding, stoichiometry, molecular kinetics, energy relationships, solution dynamics, acids-bases, equilibrium, organic and biological chemistry, and nuclear interactions. This yearlong course provides 64 hours of personal instruction time with over 25 wet labs. This course fulfills both the college laboratory science requirement and the high school physical science graduation requirement.

**Class Materials**

- Textbook: Holt Modern Chemistry: 2012 Edition. A free subscription to the online text is given to each student.  
Logon to <http://my.hrw.com/>  
username: burnskem1819  
password: chem1819
- A 1” binder to hold the teacher supplied lab packet. The lab packet will contain all paper labs, activities, and most chapter questions. The binder, with lab packet, must be brought to class each day.
- All students must have a free Schoology account. This is the online program we will use to track all assignments, take regular assessments, submit assignments, and record grades. Use code: KXZR5-VVWN3 to add class.

**Contents** For each chapter in the textbook, students will complete chapter questions, watch correlating videos, take notes on class lectures, complete virtual and wet labs, watch interactive demonstrations on solving equations, participate in group work, complete worksheets, and take an assessment. Since students only spend two hours a week in class, we will focus on projects and labs while textbook questions and exams will be done at home. Due to the emphasis on chemical equations, there will be math tutorials and regular time spent in class completing sample problems. For more information on any assignment and to track grades, please join the Schoology Chemistry class.

**Grading** Chapter exams will be completed through Schoology, they are automatically graded and recorded. Half of all chapter questions are on Schoology and half are in paper form. These are included in the lab binder. The answers keys for these can be found on Schoology. Students should complete chapter questions and then **correct** any wrong answers. Parents and/or students will need to communicate the score earned by the student through Schoology, this way I can record the score on the Schoology gradebook. Partnership between student, instructor, and the overseeing teacher (usually the parent) is essential for the success of the student.

<b>Point Breakdown</b>	Chapter Questions:	Students will complete questions for every chapter. Some chapter questions will be completed on Schoology. The questions on Schoology are automatically graded and recorded. Some chapter questions will be in paper form, these are found in your lab packet and the answer keys are on Schoology. Questions, in paper form, can be graded by students or parents. Students should fix any incorrect answers. The student's final grade, should be submitted through Schoology so the score can be added to their gradebook.	10-30 points each
	Online videos, simulations, and tutorials	Each chapter has multiple online resources. These resources are meant to provide additional support and instruction for students. Students will make comments on these assignments on Schoology to receive full points for these assignments.	5 points each
	Worksheets:	Worksheets provide practice solving problems and balancing chemical equations. These are included in your lab packet. Answers to the questions are found on Schoology so they can be self-corrected or corrected by a parent. Again, all incorrect answers should be fixed before reporting the score through Schoology.	10 points each
	Labs & Projects:	Wet labs are done in class but students may have to finish the follow-up questions at home. Virtual labs may be done in class or as homework. These allow students to use tools that cannot easily be used in a classroom setting. All labs require the completion of a lab report. Lab reports will be graded during class time for participation, effort, and completeness.	5-10 points each
	Exams:	Chapter exams are usually completed on Schoology. Exams are automatically graded and recorded. Exams may be taken multiple times.	25 points
	Midterm and Final:	Some charter schools have special requirements for midterm and final exams, therefore, I provide the exams but leave the proctoring and recording of the grade to the overseeing teacher.	50 points

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Please Read and Sign:

I, the parent of           (student name)           have read and understand the course description, contents, grading, and point breakdown. I agree to regularly participate in parent/student/teacher communications, mainly done through Schoology. I understand that the instructor will give grades for the in-class portion of the course work, including all labs and projects, using Schoology. Grading paper assignments (with the supplied answer keys) and submitting the grade to the instructor will be the parent's responsibility, though this responsibility may be delegated to the student or charter school teacher. Chapter questions and exams must be taken on Schoology in order to be auto graded. I understand that, as the primary teacher, I will monitor my student's grade on Schoology no less than once per month. I also understand that if my student's grade falls below a 75%, a student/parent/teacher meeting will be called to help my student get back on track.

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Overseeing teacher (parent or guardian)

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Student