## Alameda High School
Concurrent Enrollment Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
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</table>
| CHE 111 | General College Chemistry  
High School Instructor: Merinda Sautel | 5 |
| Spring | Focuses on basic chemistry and measurement, matter, chemical formulas, reactions and equations, stoichiometry and thermochemistry. This course covers the development of atomic theory culminating in the use of quantum numbers to determine electron configurations of atoms, and the relationship of electron configuration to chemical bond theory and molecular orbital theory. The course includes gases, liquids, and solids and problem-solving skills are emphasized through laboratory experiments.  
Prerequisites:  
CHE 101 or one year of high school Chemistry  
ACT Scores: English 18 and Math 24  
or SAT Scores: Verbal 440 and Math 590 | |
| CHE 112 | General College Chemistry II  
High School Instructor: Merinda Sautel | 5 |
| Spring | Presents concepts in the areas of solution properties, chemical kinetics, chemical equilibrium, acid-base and ionic equilibrium, thermodynamics, electrochemistry, nuclear chemistry, and organic chemistry. This course emphasizes problem solving skills and descriptive contents for these topics. Laboratory experiments demonstrate qualitative and quantitative analytical techniques.  
Prerequisite: CHE 111- Chemistry I | |

Plans of Study: [http://www.rrcc.edu/chemistry](http://www.rrcc.edu/chemistry)  
[http://www.rrcc.edu/catalogs/15-16/aa-degree-requirements.htm](http://www.rrcc.edu/catalogs/15-16/aa-degree-requirements.htm)