

## Welcome to CHM 120 General Chemistry 1 Course Outline

[www.chemicalkim.com](http://www.chemicalkim.com)

### Section Information:

Section numbers: 30063

From 5:00 pm-7:30 pm, we will be in lecture room 3330.

From 7:45 pm-10:15 pm, we will be in laboratory room 5220.

### Instructor Information:

My name is **Chemical Kim** (a.k.a Kim De Clercq)

My office is in room **7470** My phone number is: 488-4961

My office hours are class or by appointment.

My e-mail is: [kim@chemicalkim.com](mailto:kim@chemicalkim.com) My website is: [www.chemicalkim.com](http://www.chemicalkim.com)

### Grade Determination:

<u>Requirements</u>	<u>Points</u>	<u>Percent</u>
Laboratory	10 labs @ 10 points each = 100 points	20%
Quizzes	5 quizzes @ 20 points = 100 points	20%
Tests	3 tests @ 100 points = 300 points	60%
<b>Total</b>	<b>500 POINTS POSSIBLE</b>	<b>100%</b>

### Grading Scale:

100%-90% = 4.0, A      79%-75% = 2.5, B-      64%-60% = 1.0, D

89%-85% = 3.5, A-      74%-70% = 2.0, C      59% or below = 0.0, E

84%-80% = 3.0, B      69%-65% = 1.5, C-

### Laboratory Requirements:

All experiments and lab procedures will be accessed through the Web site

<http://classes.kvcc.edu/chem120>. Prior to each lab session, you must read the lab experiment at this Web site. Proper behavior in the laboratory is extremely important.

*Absent from Lab?* You are still required to have ALL lab assignments turned in **BY THE DUE DATE**, regardless if you have an excused absence. If the scheduled lab absence is excused, see me ASAP for a make-up assignment. Missing more than one lab (excused or unexcused) will result in a zero grade.

### Group Participation and Homework:

During lecture, there will be breaks for group work.

*Does this include homework?* Suggested homework problems will be assigned at the beginning of each chapter. Generally allow for 10-20 hours each week for completing homework problems. Homework is not graded, but you are expected to come prepared and ready to present problem solutions to your group.

*Does this mean I have to attend class?* It is the policy of KVCC that attendance is taken in all courses. Attendance is extremely important for your success in CHM 120. Much of the material is new and concepts are difficult. Coming to class can greatly improve understanding.

### Quiz and Test Requirements:

A quiz or test will be given every week. Questions on quizzes and tests may come from lecture material, homework problems, and lab exercises.

*Absent from a Quiz?* All quizzes must be taken or a zero grade will result.

*Absent from a Test?* All I have to say is – DO NOT MISS A TEST!!! A zero grade will result.

### So what is excused?

I do not allow for any excuses except a death in the family, a pre-excused religious or family obligation or an extreme illness (with proper documentation). All others are unexcused!!! You must notify me BEFORE class to determine if it is excused!!!!

### Policy for Cheating:

Cheating of any form (copying from someone else's lab, looking on another person's test paper, etc.) will not be tolerated. Those engaged will receive a zero grade for the work. If two parties are sharing work, both will receive a zero grade.



**Course Requirements:**

1. General Chemistry Testbook 2. Periodic Table 3. Scientific Calculator 4. SAFETY GOGGLES!!

**Course Description:**

CHM 120 is an introductory college chemistry course. Topics include; measurement, chemical terminology, stoichiometry, atomic theory, chemical bonding and geometry, the periodic table, gases, and thermochemistry. Mathematical relationships in chemistry are emphasized.

**Course Prerequisite:**

High school chemistry or CHM 099 or CHM 100 and MATH 116.

A personal commitment to learning and the ability to think.

**How to Succeed in CHM 120:**

This course demands a lot of time spent on problem solving, mostly assigned problems outside of class. It is very important that you pace yourself and seek help when needed. If you are having difficulty with the material you have several options:

1. Form a regular study group with classmates. Call and meet periodically with classmates (i.e. before a quiz or test).
2. See the instructor during office hours or call for an appointment.
3. Visit the Learning Center (located in Room 2220 across from the Computer Lab). They offer free workshops in test-taking, study skills, reading, etc. Free tutoring services are also available.

I think you will find the challenge of this course to be both positive and rewarding, if you have the right attitude!

**CHM 120 Tentative Schedule****Summer, 2009 Section 30063**

<b>Tuesday June 16</b>	Units 1, 2, 3 Lab #1: Measurement	<b>Thursday June 18</b>	Units 1, 2, 3 Lab #2: Formula of a Hydrate
<b>Tuesday June 23</b>	Units 1, 2, 3 Online Quiz #1 Due Nomenclature Exercise	<b>Thursday June 25</b>	Units 1, 2, 3 Lab #3: Ionic Reactions
<b>Tuesday June 30</b>	<b>Test 1: Units 1, 2, 3</b> No Lab	<b>Thursday July 2</b>	Units 4, 5, 6 Lab #4: Stoichiometry
<b>Tuesday July 7</b>	Units 4, 5, 6 Online Quiz #2 Due Lab #5: Citric Acid	<b>Thursday July 9</b>	Units 4, 5, 6 Lab #6: Calorimetry
<b>Tuesday July 14</b>	Units 4, 5, 6 Online Quiz #3 Due Lab #7: Spectroscopy	<b>Thursday July 16</b>	Units 4, 5, 6 Lab #8: Periodic Trends
<b>Tuesday July 21</b>	<b>Test 2: Units 4, 5, 6</b> No Lab	<b>Thursday July 23</b>	Units 7, 8, 9 Lab #9: Lewis Structures
<b>Tuesday July 28</b>	Units 7, 8, 9 Online Quiz #4 Due Lab #10: Geometry	<b>Thursday July 30</b>	Units 7, 8, 9 No Lab: Help Session
<b>Tuesday Aug 4</b>	Group Quiz: Units 7, 8, 9 Online Quiz #5 Due No Lab: Help Session	<b>Thursday Aug 6</b>	<b>Test 3: Units 7, 8, 9</b> No Lab