

## Chemistry II Syllabus and Course Outline

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**Welcome to Chemistry!** This course will provide you with the opportunity to learn all about the structure and properties of matter, how this knowledge is used and how it affects your life and future. The topics that we will cover include : **atomic structure, the periodic table, chemical bonding, kinetic theory of matter, chemical reactions, energy, chemical nomenclature, and chemical quantities.** It is important to remember that learning a science is not merely a matter of learning facts, but involves applying this knowledge.

### Materials:

Every day you will be expected to bring your textbook, notebook, lab journal, daily planner, ball point pen, pencil and a calculator. All class handouts, homework, etc. will be kept in your notebook. You may use a section in a binder for this purpose, but it is imperative that you keep these materials properly organized so that you will be able to find them when you need them. You will be issued a laboratory journal which is to be used exclusively as a record of lab activities and observations in your Chemistry class. You should bring this to class every day. Your daily planner is an essential item because you will need to use it as a tool to organize yourself as well as a reference.

### Homework:

Expect to do homework nearly every night for this course. If no homework is assigned on a particular day then you should dedicate a half hour to reading or reviewing material that has been covered in this class. Homework assignments will be graded on completeness and effort. It is your responsibility to ask questions and verify that you are doing the homework correctly. I will always make the solutions to problems available to you to check your work but it is your responsibility to request it as needed. You are expected to show all of the work that you did in arriving at a solution to a problem. **No work = No Credit.**

### Tests and Quizzes:

Tests and quizzes are an assessment of your understanding and applications of concepts of chemistry. You will also be assessed on your organization of information. You may be allowed to use one card (3 by 5 inches) of notes, your lab notebook and a calculator on some (but not all) assessments. You will not be allowed to use your textbook. Anything that we have covered in previous units may be included in any current test or quiz. You are expected to ask questions about material that you do not understand. You should **not** put off studying until the night before the test. I will not postpone tests for lack of preparedness unless you have missed a significant amount of class time due to illness or some other legitimate reason that has been excused by the attendance office. In – depth research projects may be assigned for some topics in place of some written exams.

In addition to tests and quizzes on current material you will be expected to pass a series of mastery tests on the basic skills necessary for progressing through chemistry. A minimum score of 80% is required to pass these quizzes and you will be allowed (and expected) to retake the mastery quizzes until you pass. The skills that these quizzes will cover include unit conversion, atomic structure, writing chemical formulas and writing and naming chemical formulas.

**You may not make up tests or quizzes which are missed due to unexcused absences!**

**Labs:**

Laboratory work is a major part of this course. You will be making observations in experiments that you will be tested on in the unit tests. You are expected to keep a readable record of these observations in your lab notebook. **You must do all of your recording in your lab notebook in ball point pen.** Pencil or felt marker is unacceptable for writing in your lab notebook.

**Group Work:**

You will be expected to work collaboratively in small groups. You will be graded on your participation in these group activities.

**Participation:**

Being actively involved in class activities is an essential part of your learning process in this class. You will be graded on your participation in class and group discussion and various review activities.

**Extra Credit:**

Earning a satisfactory grade in this course requires that you put forth your best effort from the beginning. If you wait until the first quarter grade or poor work notice, you are not giving your best effort. I do not offer any substantial amounts of extra credit in this course. Please do not request any extra credit. I will assign it as I see fit and it will be meant as a supplement to the material that we will cover. It will not be a replacement for the work that has already been assigned in this class and cannot be used as a substitute for required work that has been assigned.

**Extra Help:**

I am available after school in the Homework Center on the days that I work there or by appointment. See me about the days that I am available or make an appointment for extra help. If you are having difficulties in this class see me **immediately**. I am always willing to help out students who deal with their problems in a timely fashion. The sooner you deal with any problems, the better your chances are to overcome them. I will not offer extra help on the day of a test, so make sure that you have taken the steps to prepare for a test before that time.

**Grading Policy:**

Your grade will be determined by the following:

**Tests: 45% Labs: 20% Homework and Group Work: 10% Final Exam: 15% Participation and Citizenship: 10%**

Letter grades will be based on your cumulative percentage by the following scale:

**A** (90% - 100%) **B** (80% - 89.9%) **C** (70% - 79.9%) **D** (60% - 69.9%) and **N** (< 60%)

Borderline grades will be decided based on your overall effort in this class and your performance on the final exam. You will be expected to keep a record of your work and tests and you will be given an assignment to calculate your grade at the end of each unit and report that grade to your parents or guardians at the end of each unit. **It is your responsibility to keep track of your grade and attendance for this class.**

## Classroom Rules:

1. Respect everybody's right to learn. This includes maintaining an environment where everyone is respected for sharing their ideas and asking questions. Allow your classmates to learn and your instructor to teach. This rule is listed first because it is the most important rule in this class.

2. The classroom is also a chemistry lab and there are many substances present that can be harmful if ingested or you are exposed to without proper protection. It is poor practice to eat in a room in which chemistry experiments are performed. All eating and drinking with the exception of water in a reusable bottle is prohibited in Room 224 at all times. You are expected to be dressed appropriately for performing chemistry experiments on the days that we perform chemistry labs. You will not be allowed to participate in labs if you do not come appropriately dressed. You will not be allowed in the classroom or you will be asked to leave the classroom if you insist on bringing food or beverages into the room.

3. You are expected to attend class every day and arrive on time. Your grade will be lowered by 41/12 of a percentage point (~3.42%) for each unexcused absence. Unexcused tardies will result in the loss of 5 participation points for the first tardy, 10 points for the second and 20 points for the third and so on. Accumulating more than 3 tardies will generally result in the loss of most or all of your participation points.

It is your responsibility to get absences excused by the attendance office within 2 days of your return and to find out about any work (including tests, quizzes and labs) that you have missed from excused absences.

4. You are expected to follow the instructions from the teacher **immediately**. Failure to do so will result in your immediate removal from the classroom. This is for the safety of everyone in the classroom.

5. You are expected to remain in the classroom unless you are specifically requested by a staff member. I reserve the right to require that you remain in the room even when you are requested unless it is a real emergency situation. If you leave the room for a "personal emergency" such as a bathroom break, you must have a hall pass that is issued by the instructor.

6. **Cheating** will not be tolerated. 1<sup>st</sup> offense - loss of credit on assignment and phone call home, 2<sup>nd</sup> - same as first offense along with referral to administrator, 3<sup>rd</sup> offense will result in loss of credit for the course. This policy applies to all work. (homework, group work, tests, lab reports, projects, etc.)

7. All electronic communication and entertainment devices, including pagers, cellular phones, music players and hand held game devices are to remain turned off and put away while you are in this class. Playing games on your electronic calculator is not allowed during class time. **Note to Parents:** If you need to contact your son or daughter during the school day, please do so by contacting the main office.

**Consequences:** I will give one warning. After the warning, if I see them, hear them or they cause any kind of disruption in this class I will confiscate them and turn them over to the appropriate administrator. If you are playing games on your calculator during class time, I will confiscate your calculator. Your calculator will not be returned until I have cleared the memory on your calculator.

**In addition to the above rules you are expected to respect and follow all Roosevelt High School and Seattle School District rights and responsibilities. Be sure to review your student handbook for this information because you will be held accountable for all rules and policies.**

**Turn this page over for Notes on Attendance Policy  
(READ CAREFULLY!)**

## Attendance Policy - Very Important! Read Carefully

Chemistry is a laboratory class, which means that we do many activities that must be scheduled for a particular time and are very difficult and sometimes impossible to reschedule and/or make up. With this in mind, the following policies apply in this class:

1. There are serious grade penalties attached to unexcused absences and tardies for this class. Be sure that you have read and understand the classroom rules on the other side of this page. Opportunities to make up unexcused tardies and absences for the purpose of recovering lost points are limited and are by appointment only.
2. If you have any absences from class for legitimate reasons, it is your responsibility to get the absence excused through the **attendance office**. I will not accept notes written by your parents, all parent written notes must be turned into the attendance office or phoned in to the attendance office. You have 2 days after returning from an absence to get unexcused absences cleared at the attendance office by either note or phone call. If you don't have a pink slip but you cleared the absence, notify me and I will verify it on my attendance record.
3. If you are late to class, (not seated and ready to do the daily warm up or other activity at the official start time) you are counted tardy on the official class attendance. It is your responsibility to sign the tardy sign in sheet at the front of the room and also verify with me that your marked absence is converted to a tardy. If you arrive 10 or more minutes after the start of class, you are considered absent (per state law). If you are late because you were retained by an adult staff member, you must present an admit slip signed by that staff person to the **attendance office** for an admit slip. I will only accept admit slips from the **attendance office** for excusing tardies.
4. Early dismissals will only be granted **before** the dismissal by the attendance office. I am not authorized to grant early dismissals so please do not ask me for permission to leave early. If you do leave class early without a previously approved early dismissal, I will mark you as unexcused absent with all of the attendant grade penalties. The attendance office will not excuse early dismissals after the fact.
5. Field trips and preplanned absences must be cleared with me at least 3 days in advance. I reserve the right to refuse to sign preplanned absence forms that are presented to me later than this time. This is a lab class which means that many of the activities that we do in class are not possible to make up if they are missed. Keep in mind that you may lose points from these assignments even if your absence is excused. This is an important consideration if you are taking any time away from school during scheduled classes. **Please Note:** You are expected to schedule vacations at times other than when RHS is in session.

### Note to Students and Parents

Chemistry is a fascinating subject and it is a privilege to have the opportunity to teach it. I want to provide the opportunity to receive the best education possible, but it is your responsibility to put forth your best effort. Ask questions when you don't understand a concept, seek extra help, keep track of your own progress and most importantly, **don't give up**. If you have any questions, concerns or suggestions, please contact me at 252-4896 I am available during my conference and planning period from 12:25 PM to 1:10 PM. If you cannot call at those times, leave a message with the main office and I will call you back. You may also reach me by e-mail at:

**[mwlandreville@seattleschools.org](mailto:mwlandreville@seattleschools.org)**

You can access up-to-date information including current assignments at my chemistry web page at:

**<http://marklandreville.seadesk.seattleschools.org>**

Good Luck in the coming semester!

Mark Landreville

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I acknowledge that I have read and I understand the rules and grading policies that have been spelled out in this course outline. I have read and understand the attendance policy for this class.

Signature of Student: \_\_\_\_\_

Signatures of Parents or  
Guardian:

\_\_\_\_\_

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**Please do not sign this until you and your parents have completely read and understand the course outline.**