

Chemistry I Syllabus

Ponchatoula High School | brynn.campo@tangischools.org

Course Description

Students will be introduced to the major concepts of chemistry. It is directed toward explaining the composition of matter. Emphasis is placed on chemical principles and their application, problem solving, and the development of laboratory skills. Prerequisite: Successful completion or, concurrent enrollment in Algebra II.

Course Curricular Objectives

Chemistry helps students experience the richness and excitement of knowing about and understanding the natural world.

- Appropriate scientific processes and principles in making personal decisions
- Effectively engage in public discourse and debate about matters of scientific and technological concern
- Increase in student's economic productivity throughout their careers through the use of the knowledge, understanding, and skills employed by the scientifically literate person

Chemistry is a math-based science that studies the interactions of matter and energy, so math will be used throughout the year. Strong math, problem solving skills, willingness to learn, effort, and a good attitude are essential in order to do well in the class.

Supplies

- 3 ring binder (1-1.5 inch) with filler paper (perforated paper/spiral notebooks are not allowed)
- dividers (labeled class starter, reference, and classwork/notes)
- science fee \$20 (if in the classroom)
- kleenex
- paper towels
- TI 30 II calculator

Student Expectations

Critical thinking and problem-solving skills, willingness to learn, effort, and a good attitude are essential in order to do well in the class.

Students should make every effort to be in class/zoom meetings on time. Missed work due to absence, must be made up within days after returning to school. For virtual lessons and assignments, the student must submit assignments on or before the due date, which is Tuesdays and Thursdays until phase 3.

Students should prepare for each class session. This means homework and assignments completed. This means vocabulary and readings completed. This means reviewing/studying previous material ***each*** night. Preparing for class makes the lesson easier for students to follow and ask appropriate questions.

Labs and activities relate to biological concepts and are only completed on the scheduled day. Make every effort to attend and dress appropriately to be eligible for the lab report and credit.

Classroom Rules

1. Be prepared. Materials, readings, and studying are part of the class.
2. Follow all school rules and procedures. (masks, etc)
3. Be on time. In class, be in the assigned seat before the bell rings. In zoom meetings, be positioned and checked in before the scheduled session begins.
4. No food, drink, or gum if in class/lab/zoom meeting.
5. Be respectful to others and property.

Corrective Actions

1. First Infraction....verbal warning
2. Second infraction...lunch detention
3. Third infraction...notify parent
4. Fourth infraction...office referral

Tardy for Class

1. First Tardy...warning
2. Second...lunch detention
3. Third...lunch detention
4. Fourth...office Referral

Rewards

1. Verbal praise and positive supportive feedback
2. Bonus points
3. Classroom privileges
4. Game
5. Treats

Classroom Procedures

1. Raise your hand and wait for permission to speak.
2. Stay in your seat unless you have permission to be out of it.
3. The bell will not dismiss you; Mrs. Campo dismisses you. Your chair must be properly placed under the table before exiting the room.
4. Sharpen your pencil before class begins.

5. Proper heading must be used in the upper left-hand corner of each assignment. (See poster)
6. Students who need to see the teacher (money, absentee slips) must do so at the beginning of class.
7. Everything in the classroom has a proper place; this includes all papers, technology resources and lab materials. You are expected to put items back where they were found.
8. Trash is to be placed in the trash cans, not the floor, sinks, cabinets or tables.
9. You may not leave the classroom to obtain any missing class materials. Examples: id, belt, binder, book, etc.
10. Assignments are to be completed in black ink or pencil **only**. An assignment will **not** be graded if completed in any other color.
11. Since this is a lab classroom, the rules from the lab safety agreement are **always** in effect.

Classroom Policies

1. Paper with the fringes left on or torn out of a notebook will **not** be graded.
2. Restroom use during class will be on an emergency basis only. A 30 minute after school detention is given per pass (per school policy).
3. If you are found using any technology or lab equipment improperly, you will be prohibited from the use of such equipment immediately and in the future. If you damage a piece of equipment through improper handling, you will be responsible for replacing it.
4. When using technology, if you go to any unapproved site this is considered a violation of the technology policy. You will not be allowed to use technology in any form for my class. This is important because tests and other assignments are given via the computers. This includes and is not limited to Pinterest, YouTube, shopping online, music, etc. When in doubt ask the teacher for permission.
5. Any acts of plagiarism or cheating will result in a grade of a zero for the entire assignment. There will **not** be a make-up assignment.
6. Dress code violations will be written up immediately upon entering the classroom.
7. Assignments are due in class, before the tardy bell, on the due date. If an assignment is not turned in on time, it can be turned in by 2:42 on the same day for a maximum of a 75 percent of its value. Every day late is an additional 25% deduction. If you are scheduled to go on a field trip the day an assignment is due, you have two choices: turn in the assignment to me before you leave or email me that assignment the night before.
8. To protect the validity of examinations, make-up exams will be 100% essay no matter the type of absence.
9. Personal computer use will **not** be allowed in class.
10. All materials distributed in class are considered intellectual property and protected by copyright laws. You may **not** post any file from my resources on the internet or your own website. Doing so is a violation of the Digital Millennium Copyright Act.

Grading

There are multiple assignments designed to introduce or reinforce concepts throughout the semester. Each student is to complete each lesson. One or more assignments is added to the cumulative grade each week. Always check the menu to be sure that you have submitted all of your work and followed the directions in order to receive credit.

Tests are announced. Quizzes may/may not be announced. Some quizzes may allow the use of notes. Graded worksheets, homework, labs, substitute assignments, exit tickets, and notebook when permitted will make up the cumulative grade each marking period.

Each marking period, the student will have one grade designated for zoom meeting etiquette during our phase 2 of the pandemic. The grade is for participation, and good behavior (100 points). Five points is deducted if a student demonstrates the lack of participation and/or inappropriate behavior during a session.

The grade posted each marking period is the cumulative grade based on the number of points earned and the number of points possible for that part of the semester.

Absences

It is the student's responsibility to complete any posted assignment within 3 after returning from an absence. Late work is not accepted. (ie if the student is absent on Monday and returns on Tuesday, then the student must submit the assignment by Thursday. If the student is absent on a test day, then the student will take the test on the day he returns.

Labs

All students are required to **sign and return their safety contracts**. All students must complete the lab safety with a satisfactory score in order to participate in lab activities. All students must submit the lab fee in order to participate in the lab activities.

Labs and activities that involve set ups are scheduled and announced in advance. There are no makeups or credit for the report. Students must be dressed appropriately to participate and to be eligible for lab report credit.

Notebooks

It is the student's responsibility to maintain a binder that contains class starters, notes, reference material, and practice assignments. Bring your notebook to class daily.

Homework

Homework is assigned, and in addition, any assignment not completed in class must be completed for homework. If a student needs a longer explanation in order to complete the assignment, then the student

should see the teacher before the due date. Blank or incomplete homework is not acceptable. All answers must be logical.

Tests and Assessments

Tests are given as units are completed and announced in advance. A re-test is a consideration, but not a definite possibility and comes with the expectation of additional effort exhibited by the individual student.

Quizzes

Short quizzes may be given to assess student comprehension of the content. Absentees are expected to complete the quiz upon the day he returns.