

**AP Chemistry Syllabus**  
**Teacher: Mrs. Kulkarni**  
**Courses: AP Chemistry and Chemistry Honors**  
**Email: [Bhagyashree.kulkarni@hcps.net](mailto:Bhagyashree.kulkarni@hcps.net)**  
**School Phone: (813)2333360**

**Course Description:** This course is designed for advanced students to gain a better understanding of the world of chemistry. Honor students are expected to perform lab procedures with accuracy and communicate their results through detailed lab reports and discussion in the classroom. A **superior math background** is a requirement for AP chemistry. In this course students will be expected to follow the lab safety rules, class rules, work in collaborative teams and participate in classroom discussions.

**Course Topics:** Course content will include, but is not be limited to:  
<https://apstudents.collegeboard.org/courses/ap-chemistry>. We will be following AP college board course outline.

Semester I	Semester II
<ul style="list-style-type: none"><li>Unit 1 – Atomic Structure and properties</li><li>Unit 2- Molecular and ionic compounds structure and properties</li><li>Unit 3-Intermolecular Forces and properties</li><li>Unit 4 Chemical Reactions</li><li>Unit 5- Kinetics</li></ul>	<ul style="list-style-type: none"><li>Unit 6 -Thermodynamics</li><li>Unit 7 - Equilibrium</li><li>Unit 8 - Acids &amp; Bases, Buffers &amp; Titration</li><li>Unit 9 – Electrochemistry and application of thermodynamics</li></ul> <p>AP Chemistry Exam: May 6<sup>th</sup> 8.00am If student misses the exam they will be charged \$40.00</p>

**Course Activities:**

Students will be required to participate in all activities in this course, which are designed to provide a rigorous and best possible learning experience. This includes discussions, group work, activities and laboratory experiments. These activities will help students develop critical thinking, improved reading fluency and comprehension to master common core standards.

**Attendance/Expectations/Prerequisites:**

Chemistry is cumulative hence being in class every day is very important. Students are expected to do homework assignments every evening and review material covered in class for at least 30 mins. Students are required to have access to a computer with internet access for some assignments. Students are able to use the computers in the classroom during their lunch period, but it is extremely helpful for them to have access to the internet after school hours, whether at home; a public library; or a friend, relative, or neighbor's home.

**Study Skills**

- Do not let yourself fall behind. If you are absent, check Canvas for makeup work.
- Decide on a set time for studying each evening.
- Review concepts covered in class every day. (Cramming does not work for long term memory- a little each evening will be your best bet when preparing)
- Keep your Binder neatly organized (You will be surprised how much a little effort as you go along helps at Exam time!)
- Take notes (Even when you don't have to!)
- Ask questions (if you have questions when you are studying at home, write them down for the next day)
- Find a study partner (active learning is the best kind, teaching something is the best way to learn it; so by helping your study partner, you help yourself!)
- Participate in class and labs.
- Complete Mastering chemistry on time.

**Textbook – Also available online**

**We have physical copies.**

Chemistry: The Central Science 14th edition by Brown, Lemay, Bursten, Murphy  
{ISBN-10: 0136006175 or ISBN-13: 9778-013006176} (will be issued to student)

Optional : Highly recommended - AP chemistry review study guide

### Grades and Evaluation in the Course:

- Assignments must be handed in on time to receive full credit.
- Grading is done on accuracy.
- Your grade will be determined by your own achievement and is based on a point system. Final grades are not curved.
  - Test/quizzes - 45%
  - Labs / Gizmos, Homework/ Mastering Chemistry, Classwork - 55%
- Grading scale: 90-100% = A; 80-89.9% = B; 70-79.9% = C; 60-69.9% = D; <59.9% = F
  - Tests emphasize the topics covered during the referenced section; however, chemistry by nature is cumulative and questions from previous sections will be included to reinforce important concepts.
  - Absent student will be able to take their test during FLP
  - Absent students need to sign up for the day they are going to make it up. If the student does not show up within the first five minutes of lunch. It will be considered as a no show and result in zero grade.
- Cheating or assisting in cheating will result in a zero grade for the test or an assignment. Consequences will be administrated based on the policies and procedures of the school.
- Hillsborough county schools academic integrity policy and expectations found in the student code of conduct.

### Rules and Procedures for Mrs. Kulkarni's Classroom

The expectations in my classroom are as follows:

- Be on time for the class. *Learn all of the material*
- Be organized and prepared for class. *Be ready to learn*
- Be respectful to yourself, others and school property. *Foster a learning environment*
- Absolutely no food, drink, gum, or candy permitted. *Avoid making a mess*
- Raise your hand before speaking. *Ensure no one is disrupted*
- Keep your cell phones off and out of sight. *Avoid distractions*

### Consequences

- Level 1 – Warning.
- Level 2 – Change seat and student conference.
- Level 3 – Contact parents, support personnel
- Level 4 – Teacher, Parent and Student Conference.
- Level 5 – Referral

### Procedures for entering the classroom.

- Students must enter the class quietly and on time.
- Students must sign in near the door of the classroom.
- They should be prepared for the class with all the required materials and seated in their seats before the bell.
- They must then go to their seats and get the binder, pencil out and start working on the bell work.
- Students will be considered tardy if they are not in their seats and ready to work when the bell rings.

### Cell Phones

- No Cellphones allowed in the classroom.
- All cell phones, earbuds, headphones and smartwatches must be kept in the backpack during the whole class period unless required for educational purposes and allowed by the teacher.

### Beginning of class procedures

- Students must be at their desk working on their bell work.
- Bell work is done individually each day and is based on prior reading or personal experiences.
- Be creative and prepared to share your bell work with the class.
- It is highly encouraged for students to wipe down their desks and seats with sanitizing wipes and wash hands regularly.

### Leaving the room procedures

- Students must use the bathroom before entering the classroom.
- If a student needs to go to the bathroom during the period, he or she must wait till the instruction is complete.
- When the teacher acknowledges, the student can leave the room sign "Restroom Log" sheet. And pick up the pass on the hook.
- Student is responsible to be back quickly and is responsible for the missed classwork.



- Only one student can leave for the bathroom at one time.
- If someone is called in the office, they need to fill in the planner and sign on the "Restroom Log" sheet and sign back in when they get back in the class. Return the pass on the hook.

#### **Returning to the room procedures**

- Students must return to their seats quickly and quietly.
- Students need to get back on task and are responsible to complete their missed work.
- If a student is out during the group work, the student will complete alternate assignment.

#### **End of class procedures**

- Copy your homework assignment and materials required for next class in your notebook.
- Review the homework assignment and ask any questions regarding homework at this time.
- Clean up your area and any common areas you have been using during the period.
- Keep all the books and materials back in their place.
- Collect all your belongings.
- Do not get up when the bell rings. Wait till the teacher dismisses you.
- Don't run, walk quietly out of the door.

#### **Procedures for collecting and distributing papers.**

- Materials needed for the day will be kept next to the door, pick it up as you enter the classroom.

#### **Assignments**

- All assignments will be submitted on canvas. No paper copies are collected in class.

#### **Students getting make-up work.**

- On Canvas daily work and agenda will be posted. Students will be responsible for checking out Canvas on the days they are absent, completing notes, print and complete the worksheets.
- Another option in case of absentee is to approach their group members and get the details of the lesson on the day they were absent. This can be done in their free time or if they finish the assigned activities early.
- For any specific question email the teacher [bhagyashree.kulkarni@hcps.net](mailto:bhagyashree.kulkarni@hcps.net) or message on Canvas. The teacher will address the issue within 24hrs.

#### **Procedures for Students who have been absent.**

- Check the Canvas and be prepared with the make-up work.
- Have the handouts printed out from Canvas.
- Get in touch with your partner as soon as possible and get the details of the lesson and any assigned homework.
- Turn in any homework that was due prior to being absent on Canvas online submission for that assignment on or before due date.
- Complete the missed assignments assigned on your absent day no later than 3 days from the day of the absence or whenever it is due on Canvas.
- Remember to **mark the day of absence on your mark-up assignments**. If the assignment is not marked as absent with date it will be considered late.

#### **Late work**

- Late work will be graded 10% off each day it is late. And the lowest grade would be 70% of the grade if the assignment is completed accurately.
  - a. All late work must be submitted on Canvas. Paper copy will not be graded. The assignment must be **labeled late work and the reason why it was late.**
- The last day for all the Late assignment will be chapter/ Unit test day.

#### **Student Participation in collaborative Group Work**

- During group work all students are expected to participate.
- Everyone in the group must be on task.
- Students are permitted to talk within their groups during group work.
- Each student needs to contribute to the group work. Points will be allotted for participation in-group.
- Points will also be allotted for individual work.
- If a student is seen off task or not participating in the group work, that student will get warning.
- If the student continues with the behavior, they will lose the privilege of working in a group and have to complete the task on their own to get the points for the work.

#### **Labs**

- Students must always wear goggles, closed toe shoes and lab coat during the lab. If students refuse to wear goggles they will not participate in the lab and get a zero for the lab.
- Lab safety is very important and must be always followed.
- Lab tables need to be cleaned as directed before washing hands and removing the goggles and apron.

- Goggles and apron is provided in the class but If you want to buy your own goggles and apron Goggles and apron is provided in the class but If you want to buy your own goggles and apron you can find it on amazon. Ask Mrs. Kulkarni if you have any questions.

**Supply List For Mrs. Kulkarni's**

- o Binder (2 inch or larger)
- o Dividers tabs (10)
- o College ruled paper (required all year)
- o Pen, pencils, erasers
- o Colored pens – (blue, black, green and red)
- o Ruler
- o White board marker (4)
- o Color pencils (1pack)
- o Colored marker
- o Scientific Calculator

If you have any question the fastest way to contact me is through email [bhagyashree.Kulkarni@hcps.net](mailto:bhagyashree.Kulkarni@hcps.net) or message on Canvas

**Complete and submit a picture of this page on canvas.**

We have read and understood the syllabus, laboratory safety rules, and classroom expectations for Mrs. Kulkarni's class.

Student Name (print): Sayed Faisal Period 2  
 Student Signature: SAYYED Date: 8/13/24  
 Parents/Guardian Name: Sayed Nadeem  
 Parents/Guardian Cell phone: 813-965-2489  
 Work phone: 813-965-2489  
 Parent's Email Address: SAYYEDN@HOTMAIL.COM  
 Parent Signature: Sayed Nadeem Date: 8/13/24

Student initials	Parent Initials	Statement for consideration
SF	SN	1. I understand that attendance is a vital component to success in this course and will be on time for class every day. When I am absent in class, I will check Canvas for missing work and complete it as soon as possible.
SF	SN	2. I have read all the grading policy, homework expectation and classroom expectations for the course.
SF	SN	3. I know collaborative work is vital to not only my success, but to that of my peers. As such, I commit to being a valuable and contributing member of my team.
SF	SN	4. It is permissible to photograph the students referenced in this course during classroom activities and post on Canvas. The student will not be identified in any way.
SF	SN	5. Cheating in classroom such as copying answers, looking over answers during tests, passing someone else's work as your own, is not acceptable. Students will get a zero for that assignment and will not get a chance to make it up. Promoting cheating by sharing your work is also considered cheat and will result in zero grade for that assignment.
SF	SN	6. Lab Safety is very Important. If students don't follow lab safety procedure discussed in class, they will be asked to sit down and get a zero for the lab.
SF	SN	7. All Cellphones and smart watches must be kept in the backpack for the whole period.