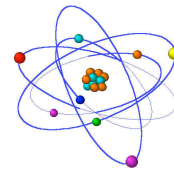


# CHEMISTRY I – HONORS

## Ms. Haggag



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Hello there, and welcome to Chemistry! I am pleased to have you in my class and I look forward to getting to know you. This class is guaranteed to be challenging but also quite fun. I have high expectations for you and I am positive that you will step up to the plate. If you are able to follow directions, work hard, and keep up with your attendance, you will succeed in this course. Below are some guidelines and expectations for you to keep in mind.

### Course Description:

This course covers fundamental chemistry concepts such as physical and chemical properties of matter, energy, chemical nomenclature, chemical equations, stoichiometry, gas laws, atomic theory, periodicity, bonding, solutions, and acid-base theory. This course will lay a foundation of basic scientific skills on which to build a strong network of content knowledge. You will use mathematical problem solving, critical thinking and communication skills in a student directed laboratory and classroom experiences. Extensive independent work, self-discipline and commitment to meet rigorous expectations and time lines are required.

### Materials Needed:

- Textbook: *Chemistry: Matter and Change, Glencoe 2008*
- Scientific or Graphing Calculator (preferably with an EE or EXE function for exponents)
- 3 ring binder (at least 1.5 inches) for class handouts
- Notebook loose-leaf paper
- Pencil and pen

### Class Expectations:

1. **BE PREPARED:** Come to class on time and be prepared – that means bringing all of your materials, textbook, agenda (for bathroom) and homework. No excuses.
2. **BE PROMPT:** When the bell rings, you should be sitting in your assigned seat and working on your warm-up. If you are running into class with one foot over the line, you are late. You must take out your homework at the start of each class.
3. **BE POLITE:** Be respectful and courteous of others at all times. Raise your hand to speak if you have a question or comment. Do not get out of your seat unless you have permission. Do not talk in class while I or others are talking. There is to be NO writing on desks or cabinets at any point in time – immediate action will be taken if this is seen. At the end of class I will dismiss you, *not the bell!*
4. **BE PRODUCTIVE:** Follow all the directions of the teacher – this is especially needed in lab. Be willing and ready to “do chemistry” as you walk through the door. We will always be thinking logically and doing something cool. Come with an open mind, and you will like it!
5. **BE REPECTFUL:** There is NO place in my room for swearing, teasing, or name-calling. If you have a problem, let me know and we can deal with it in an according manner. That will probably get way more respect points from me than if you act otherwise. In addition, cell phones and any mp3 players/electronic devices should not be used in class. If they are seen they will be confiscated. Think about the message you are sending me when you are texting away. It will probably not make me happy.
6. **BE SAFE: NO EATING OR DRINKING IN THE LABORATORY.** There are no exceptions to this rule. Water is the only drink allowed in the classroom. There are various chemicals in the room that should not be near your mouth. This is consistent with school policy. Just don't do it!!!

**All class expectations are referenced in the Titan Code of Honor (*Titan Way*).**

### Behavioral Consequences:

- 1<sup>st</sup> warning: Reminder of rule
- 2<sup>nd</sup> warning: Thirty second conference after class
- 3<sup>rd</sup> warning: Contact with parents and detention *to be served within one week of the assigned detention date*
- 4<sup>th</sup> offense: Administrative referral/removal from class

All FCPS policies will be employed in this class. Refer to your Calendar Handbook to make sure you are familiar with county policies, especially those regarding attendance, cheating, plagiarism, and dress code.



### Grading Scale:

A = 100% - 90%  
B = 89.9% - 80%  
C = 79.9% - 70%  
D = 69.9% - 60%  
F = 59.9% - 0%

- Each class assignment receives a specific number of points. The student's grade will be determined by dividing the number of points earned by the total number of points possible and then multiplying by 100 to obtain the overall percentage.
- Grades will be available online to parents and students and will be updated weekly. If you do not have internet access, let me know and I will print you a grade sheet biweekly.

### Grading:

Grades are weighted as follows –

Homework: 10%

Class-work and Warm-ups: 10%

Quizzes: 10%

Lab Reports/Projects: 30%

Tests: 40%

- Do your best and do your own work!! Cheating and plagiarism is not tolerated and you **will earn no credit**. This includes group work – just because you are working together does not mean you will have the same worded answers.
- Each day a warm-up will be written on the board. You are expected to copy the question and write the answers in your notebook with the appropriate dates. You are also expected to write the correct answer in your notebook. If you miss a class, it is up to **you** to find the question you missed and record the correct answer. I will periodically spot-check your notebooks as unannounced quizzes, so it is important to keep those questions up to date.
- You should expect quizzes frequently in this class. We will also have a test at the end of every unit. These tests are challenging and they weigh the *most* in your grading scale. Students must study to do well on them. Lab reports/projects will also be completed for each lab and there will also be lab quizzes.

### Homework:

You should expect to receive homework at least 4 times a week. The homework that is given is meant for you, not me. That means that it is an opportunity for you to practice skills or extend the concepts we covered in the previous class, and it gives you a chance to understand what your strengths and weaknesses are. All assignments will be clearly announced and posted on the board. They must be done neatly, and will be handed in first thing in the morning in the bin or you will receive no credit. Failure to complete **three** homework assignments will result in a detention, after which escalating measures will be taken.

**Work turned in late (unexcused) will not be accepted. NO EXCUSES!**

### Attendance:

You are expected to be in class with your homework ready. If you have an excused absence from class when there is an assignment due, the late work will only be accepted for credit with PRIOR teacher approval (not the day the assignment is due!). If you miss a class, please check with your classmates or my website to find out what you have missed and see me for further help. It is your responsibility to make up the work that is missed within one week. Students will have one week to make up a missed exam.

### Bathroom Policy:

It is understandable that there will be times where you may need to use the restroom. However, this opportunity will not be granted at all times. You will **NOT** be allowed to use the bathroom during lecture, lab, class discussions, or at the beginning and ending of each class. This is especially true for those who have just come in after lunch. Please do not interrupt me mid-sentence while I am teaching the class in order to use the

restroom – it will get you nowhere. **Only one person is allowed to be out at one specific time.** The best time to use the restroom during class is between transitions from one activity to another.

### Lab Safety:

- We will have a lot of opportunities in this class to conduct exciting labs. Due to the nature of this course and the chemicals that we will be dealing with, it is very important that students carefully follow the teacher's directions at all times. Students should not touch any equipment unless permission is given by the teacher. Any student who breaks or damages any equipment will be required to pay for its replacement – any unpaid damage will become a school obligation. **It is essential for students to wear their goggles at ALL times.**
- Laboratory activities will quite often be preceded by pre-lab quizzes and followed by post-laboratory formal reports worth 15 to 50 points. Oftentimes, each lab group will submit a group report as well. Each member of the group will receive the same score on the formal write-up, so make sure that you are an active participant in lab discussions. Here is an opportunity to step up to the challenge of becoming a leader! Reports will be graded on accuracy, completeness, and organization.



**Students who fail to comply with any of the guidelines listed above or in the Student Safety Contract will be removed from the lab and their grade will be penalized heavily. Students who do not have a parent/guardian sign their contract will not be allowed to participate in lab.**

### Extra Help:

If you find yourself stuck on some concepts/assignments from class and you need help, please come see me before it is too late! I am available by appointment during or after school. I also have a website that you may visit in case you need to see extra resources or want to look at what we've been covering. Students may also email me with questions. The best way you can earn a good grade is to put forth a consistent effort and stay caught up. You can do this!