**Regents Chemistry: West Irondequoit High School**

**Course Syllabus: 2018-2019**

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| **Mrs. Cecilia Young** | **Room 2021** | **cecilia\_young@westiron.monroe.edu** |
| [**http://mrsyoungschemistry.weebly.com/**](http://mrsyoungschemistry.weebly.com/) |

**Course Description**

This course follows the NYS Regents Chemistry syllabus which includes the following subjects as well as the NYSSLS Science and Engineering Practices and Crosscutting concepts.

 Matter Energy Atomic Theory Periodic Table

Bonding Math of chemistry Solutions Kinetics

Kinetics & Equilibrium Acids & Bases Redox & Electrochemistry

Organic chemistry Nuclear Chemistry

Chemistry is a central science that is used in many different professional fields. ***Because of its unique application of science and math, colleges look for incoming students that have taken this course***. I will be placing a great deal of emphasis on your problem solving, organization, and study skills in order to help you develop into an independent learner. The goals of this course are:

* Learn the fundamentals of chemistry
* Instill problem-solving skills
* Encourage an appreciation for the chemical world around us

**Supplies-** Students should come to class prepared every day with these supplies

* **Binder (1 ½ inch)** with **loose leaf paper** for note taking and organizing
* Set of 5 **dividers** in binder (we will label these together)
* A **pen** or a **pencil**- you are expected to come prepared to write every day
* A **scientific calculator** (graphing calculators will *not be permitted* on the final exam so prepare for this ahead of time). These can be purchased for $1.08 with tax.

**Guidelines for Grading-**The following categories will be used to calculate grades. Each assignment will be assigned a certain number of points and then weighted with the following percentages:

Tests and quizzes-- 50% Lab Reports/ Projects-- 30% Homework/ classwork-- 20%

* If you have an excused absence, you are required to make-up any work within 5 school days.
* If you Truant a class, you will receive an automatic zero for any work on that day.
* If you are caught-up on all work **and** you are maintaining a 70% or higher average, you may use extra-help periods as a quiet study hall.
* There will be 4 cumulative tests that will test multiple units.

**Types of Assignments:**

**Class Work & Homework**- Most in class assignments will be “do nows” at the beginning of almost every class to review material from the previous day or start thinking about a new topic. While completing classwork assignments in groups, students are expected to follow all expectations set forth. To be successful in chemistry, practice is necessary. Homework is only given to enhance what is learned in class. Homework should usually take between 15 and 30 minutes per class. Homework will be checked (**work will NOT be accepted late)** or collected (accepted late with a 50% deduction).

**Tests and Quizzes-** There will be chapter tests, quizzes, as well as periodic cumulative exams throughout the school year. Students will be required to correct all tests. These corrections will count as a grade. Each month a 15 by the 15th will be assigned on **castle learning as a quiz grade** Expectations will be explained in class for these assignments.

**Lab Requirements-** All students in a Regents Chemistry course must *successfully* complete **at least 1200** minutes of lab work. This portion of student’s grades will be graded using a *mastery* system. In order for students to receive credit for a lab they must show that they have been able to master the learning targets set out for each lab which involve synthesizing and evaluating information. To receive a “complete” students must complete the lab with all questions answered and must score an 80% or above. All labs scoring below and 80% MUST be corrected during work periods/ before/ after school. An incomplete will be averaged into the grade as a 1% until corrections are made. A student who receives below a 95%, but above 80% has the OPTION to correct the lab up to a 95%, but will not be penalized if they choose not to **as long as the lab was turned in on time.** Any late labs have a maximum score of 50% of what the grade would have been, but if not mastery the student will be required to correct the lab. Corrections must be completed WITHIN the quarter that the lab is completed. *Any students not completing the required 1200 minutes will not be able to take the final exam.*

**Late Assignments-** Late homework will not be accepted unless there are extenuating circumstances, it is a graded assignment, or you have talked with Mrs. Young ahead of time. Late lab reports will be accepted, but will have a **50% reduction immediately.** Please note that the lab is due at the start of the class period unless otherwise noted. **Please note:** A “missing” (or 1% in the case of labs) will be entered in the grade book for any assignment that can be made up. A 0% can NOT be made up.

![MCj02919340000[1]]()**Expectations**

1. Mutual respect will be practiced in my classroom at all times. This includes respecting others time and arriving to class on time, not distracting self or others, staying on task, being prepared, and not using cell phones or i-pods.
2. Be on time to class, tardiness is not tolerated and will result in loss of privileges.
3. Be prepared for **every** class. **I do not accept late homework**.
4. Be focused, you are in my class to learn chemistry.
5. Be Safe, I have no tolerance for inappropriate behavior. Do not touch demonstration or lab equipment until you are given permission.
6. *No food or drink in the classroom.*
7. **Cell Phone Use** – There is no use of cell phones during instructional time.

★If you have an excused absence, I expect ***you*** to get the missing work / material and get caught-up. (Please get work ahead of time if you know that you have an upcoming absence)

★Unexcused absences will be handled swiftly and severely

*The first step in rectifying any problems that arise will be a teacher/student conference after class or after school. If the negative behavior persists, detention, a phone call to parents, and assistant principal involvement will be the next logical steps.*

**Extra Help**- Please see me **as soon as possible** if you need extra help or need to make up a missed assignment. I will make all efforts to meet with you. If you have a question, do not be afraid to ask for help. I can be found in 2021 after school most days and for all chemistry work sessions.

**Contact Information:** Please feel free to e-mail or call me with any questions or concerns that you may have. My school website can be a tool to check homework assignments and due dates for lab reports. Note that digital platforms such as REMIND, QUIZIZZ and Quizlet may be used through the year to help engage students in the curriculum.

**And Finally:** I would like to tell you all that I am looking forward to working with each and every one of you. It is my belief that Chemistry is one of the most difficult course most of you have taken, however if you keep up with course work and studying you can all be successful. As in life ‘stuff’ comes up so be honest and let me know at an appropriate time so arrangements can be made.

**Sincerely,**

**Mrs. Young**

**To Parents:**

Hello! My name is Cecilia Young and I will be your child’s Regents Chemistry teacher during the 2018-2019 school year. This is my 9th year teaching and am excited to begin! I will be teaching Regents Chemistry and Environmental Science this year and have taught AP Chemistry in the past. My education consists of a Bachelor’s degree from St. John Fisher and a Master’s degree from SUNY Brockport both in chemical education. In addition, I have been named a NYS Master Teacher. I love teaching and can’t wait to get to know your child this year.

The best way to reach me is e-mail, but if your preferred method is calling please call the high school and have them connect you to my mailbox. Please let me know of any questions or concerns that you may have. My website can be a tool for you to see digital resources and information for units we work on this year. Thank you in advance for your support and I look forward to working with you to help your child be successful this year in Chemistry.

 Sincerely,

Mrs. Cecilia Young

IHS Chemistry Teacher

NYS Master Teacher: Finger Lakes Region

Irondequoit High School

cecilia\_young@westiron.monroe.edu

*Please complete the portion below indicating that you understand my expectations.* ***This will count as your first homework grade.***

|  |  |
| --- | --- |
| Student Signature |  |
| Parent/ Guardian Signature |  |
| What is the best **phone** **number** to reach you?  |  |
| If you have an **email address** please list it here. |  |

*To help me get to know your child, if you have a few minutes, I’d love for you to complete the* ***“million words or less”.*** *This is not a required assignment and will not be counted as a grade for your child.*

**In a million words or less, tell me about your child.**  (OPTIONAL) If you want to write 2 sentences that it great, but if you want to write 999,999 words that’s ok too. Feel free to attach pages if necessary or e-mail me at cecilia\_young@westiron.monroe.edu if you prefer. *Please return no later than Wednesday, September 11.*