**St. Athanasius Academy**

Introduction to Chemistry

**Teacher Information**

Name: Marie Corbin Angelini

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Class Schedule: Mondays 2:00pm to 2:50 pm E.S.T. (11:00 am to 11:50 am P.S.T.)

*Office Hours: Mondays 12:00 pm to 1:45 pm E.S.T. (9:00 am to 10:45 P.S.T.), or by appointment*

**Course Description**This course is designed to prepare students for an introduction to chemistry principles and techniques. It involves the study of matter, parts of the atom, measurements, periodic law, chemical elements, formulas and compounds, chemical bonding, stoichiometry, gas laws and acid/base chemistry. At-home hands on experiments will be utilized with everyday household chemicals.

**Required Text (to be purchased by the parents/guardians)**

* “Modern Chemistry: Student Edition 2009, 1st Edition” by Holt, Rinehart and Winston.

ISBN-10 0030367867, ISBN-13 978-0030367861

* At-home labs and activities will be assigned weekly. No text needed.

**Course Competencies/Learning Objectives**

* The importance of chemistry and the world around us.
* A working understanding of the periodic table and its role in forming different types of compounds/bonds.
* Formation and analysis of chemical equations using balancing and stoichiometry.
* Observation and uses of everyday household chemicals in experiments, and every day life.

**Grading/Evaluations**

Faculty assess achievement of the student and assign grades according to a collegial GPA: 4 (A, excellent), 3 (B, above average), 2 (C, average), 1 (D, below average), 0 (F, requirements not met). Every effort will be given by the faculty to help students succeed, but laziness and lack of achievement cannot be ignored. Also, it is unfair to give two students the same grade who did not apply themselves equally. Therefore, grades will be at the discretion of the teacher.

Tests--30%

Quizzes--25%

Lab reports-15%

Attendance & Class Participation-20%

Homework-10%

**Attendance**

We do not have an official attendance policy, but a lack of attendance could affect participation and final grading by the teacher. The virtual classrooms are available to any students with internet access. We attempt to record all video calls to make them available for students who are absent. The recorded videos, while not as useful as live interaction, are made available for enrolled students to review when absent. We are unable to promise that 100% of all video calls will be recorded and posted online.

**Classroom Expectations (modify this to your liking)**

1. Arrive to class on time
2. Be prepared
3. Respect your classmates and teacher
4. Give your all, all the time
5. Be responsible for your actions
6. No eating, drinking, cell phones, or extra electronics permitted during class time

**Class Requirements**

If you are absent, it is YOUR responsibility to make up the assignments and/or tests when you return. Every Friday,, I will send an email out to the whole class informing them of the homework assignments and/or upcoming tests or quizzes. If you do not make up your assignments within one week, they will turn into zeros.

**Plagiarism, Cheating, and Academic Integrity**

Plagiarism is the practice of copying words, sentences, images, or ideas for use in written or oral assessments without giving proper credit to the source. Cheating is defined as the giving or receiving of illegal help on anything that has been determined by the teacher to be an individual effort. Both are considered serious offenses and will significantly affect your course grade.

**General Information:**

If you are having trouble in this class, come to me immediately and I can work with you. If you wait till the end of the semester, it will be TOO LATE. I am available to help you understand so you can be successful in this class.