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| **Instructor:** K. Chapman EdS | Room 9304 |
| Email: Kathryn.chapman@cobbk12.org | Office Hours: 3:30 pm - 4:30 pm MTuWTh 7:15 am - 8:15 am MTuWTh |
| Phone: 678-594-8104 ext 2304 |
| Blog: [www.kitt007.weebly.com](http://www.kitt007.weebly.com) | Extra Tutoring: Tamisha.Wiltshire@cobbk12.org  |

**Course Description:**

This course will introduce the student to how chemical principles and concepts are developed from observations and data, to understand ordinary chemical and other scientific phenomena which he/she encounters in everyday activities, and to assist the student in appreciating the role of the chemist and the chemical industry in the evolution of our present day highly technological society.  Emphasis is placed on experiments yielding data that when analyzed and interpreted; reveal important relationships such as trends and regularities which can be used as a basis for developing unifying principles and concepts.

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| Learning Materials | * **Textbook:** McGraw/Hill *Chemistry Matter & Change* (ONLINE)
* Glue Sticks/Tape (Your preference)
* scientific calculator (graphing may be preferable)
* highlighter(s)
* notebook paper
* pencils
* composition book
* internet access
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| CLASSROOM Expectations | * Arrive on time with supplies and prepared to be ***active***.
* Store phone for the class period unless otherwise directed.
* Focus and participate in small group conversations designed to deepen your knowledge of course content.
* Actively solve problems facilitated by the teacher designed to show more advanced applications of video problems.
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| LABORATORYExpectations | * Follow lab ***safety*** rules closely.
* Laboratory experiments are an integral part of any chemistry course.  I will announce lab days in advance. The following procedures are enforced to ensure your safety and must be followed all times:
* No food, drink, or gum during lab activities!
* Always wear the designated safety equipment! (ie. Goggles, apron, gloves etc.)
* On lab days, you MUST wear closed-toe shoes **(NO SANDALS!)**. *If you have on open-toed footwear on lab day, you will not participate in the lab and it will be your responsibility to make-up the lab on a future date, after school.*
* Horseplay is never appropriate!
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| Grading Breakdown |

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| **Unit** | **Formative** | **Summative** |
| Fundamentals of Chemistry (precourse) | 2% |  |
| Atomic Structure | 4% | 7% |
| Periodicity | 4% | 7% |
| Bonding | 4% | 7% |
| Reactions | 4% | 7% |
| Moles & Stoichiometry | 4% | 7% |
| Physical Thermochemistry | 4% | 7% |
| Chemical Thermochemistry | 4% | 7% |
| Solutions, Acids, & Bases | 4% | 7% |
| Final Exam |  | 10% |

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| Make-Up Policy | * **Quizzes and Unit Tests:** All missed work should be completed ***within two weeks*** (preferably sooner)by appointment with Chapman. The grade will be temporarily recorded as a 0 in Synergy and replaced when the assessment is completed.
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| Late Policy | * Chemistry is a fast-paced course in which the content builds upon itself. Therefore, students are required to complete their task in a timely manner. Due dates will be given for assignments as they are given out.
* Formative assessments will be accepted without penalty up until the day of the summative assessment. On the day of the test, the assignments must be turned in **before** the test. Assignments turned in **after** the test will receive a 50% deduction and will only be accepted the day after the test.

\* \*\*\*This policy is subject to change if students habitually do not turn in work. |
| Plagiarism | * ***Any work*** that is deemed to be copied without proper citation from a website, a textbook, or a lab manual will result in an automatic **zero** for the assignment. Copying another student’s homework or cheating on a lab, quiz, or exam will also result in an automatic **zero** for the assignment/assessment. Appropriate disciplinary action will also be taken.
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| Keeping Connected | * CTLS is the virtual platform in this class. Class announcements and course information can be found here.
* A weekly email detailing important chemistry and school information will be sent out on Thursdays through CTLS Parent
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As the Parent/Guardian of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, I have read and discussed the Biology syllabus for 2021-2022 with him/her. I will help enforce and support the guidelines outlined in the syllabus.

Parent Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_