

## FORSYTH COUNTY COURSE SYLLABUS 2019-2020

COURSE TITLE: General Chemistry

TEACHER NAME: Mrs. Tasha Ryles

ROOM: 1422

E-MAIL: [lryles@forsyth.k12.ga.us](mailto:lryles@forsyth.k12.ga.us)

PHONE: 770-781-2264

EXT: 101422

### Course Description:

*The Chemistry curriculum is designed to continue student investigations of the physical sciences that began in grades K-8 and provide students the necessary skills to be proficient in chemistry. This curriculum includes more abstract concepts such as the structure of atoms, structure and properties of matter, and the conservation and interaction of energy and matter. Students investigate chemistry concepts through experience in laboratories and field work using the processes of inquiry.*

**Standards:** Course Standards can be found at [www.georgiastandards.org](http://www.georgiastandards.org).

**Honor Code Statement:** *The following statement is to be written on all assignments and assessments* **"This work is completely my own, and is neither the work of someone else, nor an unacknowledged, outside source. I will not share my work, or the contents of any assessment, with others."**

### Learning Resources:

With the emergence of technology as a tool for learning, South Forsyth High School will be utilizing various resources to assist with instruction, including ITS LEARNING, online textbooks, and interactive websites. Should you feel that your child would benefit from having a textbook at home they may check one out in the library.

### Required Assignments:

This course consists of twelve units. Within each unit students will be expected to complete assigned homework, quizzes, labs, and unit tests. A test will be given after the completion of each unit. Unit test dates will be announced and posted several days in advance. Laboratory reports, homework, and homework quizzes are daily grades. Depending on the nature of assignment projects, they will either be a formative or summative grade.

**Unit One** – Scientific Measurement and Matter

**Unit Two** – Atomic Structure

**Unit Three** – Electron Configuration and Periodicity

**Unit Four** – Nomenclature and Bonding

**Unit Five** – Chemical Reactions

**Unit Six** – Kinetic Molecular Theory and Conversions

**Unit Seven** – Mole and Ideal Gas Law

**Unit Eight** – Stoichiometry

**Unit Nine** – Solutions

**Unit Ten** – Acids and Bases

**Unit Eleven** – Thermochemistry

**Unit Twelve** – Equilibrium

### Availability for Extra Help:

I offer morning help sessions at 7:45 am Tuesday, Wednesday and Thursday. You may also schedule a visit during Instructional Focus if extra help is needed. If these help session times are not convenient for your schedule, please speak to me about an alternative time and date.

### Makeup Work:

Make up work is defined as work assigned during a student's absence, not work assigned prior to an absence. The student has five (5) school days upon returning to school to complete make-up work. The teacher has the discretion to grant a longer period to make up work, if there are extenuating circumstances.

### Grading Calculations:

**Non-EOC Course Average** = 50% (1<sup>st</sup> Sem. Course Work) + 50% (2<sup>nd</sup> Sem. Course Work)

1<sup>st</sup> and 2<sup>nd</sup> Semester Course Work = 75% Summative + 25% Formative

Concept of formative assessment: <http://pareonline.net/getvn.asp?v=8&n=9>

### Grading Policy:

A = 90 – 100

B = 80 – 89

C = 70 – 79

Failing = Below 70

\*Formative Assessments include, but are not limited to homework, class work, practice tests, rough drafts, and sections of projects/ research papers/presentations.

\*Summative Assessments include, but are not limited to unit tests, final projects, final essays, final research papers, and final presentations.