

# AAC Chemistry

## Course Syllabus

### TEACHER

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### COURSE

Chemistry includes the study of the structure, composition, and behavior of matter, as well as factors that affect the interaction of matter. Laboratory investigations enhance the emphasis of process skills and laboratory safety. Students may apply chemical knowledge to problem-solving, classifying matter, quantifying chemicals, and predicting chemical phenomena. Students use decision-making and critical thinking to propose possible solutions in the study of issues concerning science and technology. Please visit <http://www.fortbendisd.com> for a detailed description of the course content.

### TEXTBOOK

Chemistry/AAC Chemistry

*Chemistry*, 2013

by: Wilbraham, Staley, Matta, and Waterman

All students can access the online text in [1Link](#) via the Savvas application.

### CLASSROOM EXPECTATIONS

1. Students will follow all campus rules and expectations as stated in the student handbook in addition to rules posted within the classroom.
2. Students shall sit, in assigned seats, with all necessary materials when the tardy bell rings.
3. Students will demonstrate respect for self, for others, and for school and personal property at all times.
4. Students will refrain from bringing food and/or drinks into a science classroom unless otherwise noted.

### REQUIRED MATERIALS

- Note-taking material – notes may be taken in a composition book or on loose-leaf paper in a 3-ring binder specifically for Chemistry
- Pens and/or pencils
- Colored pencils
- Highlighters
- Scientific calculator \*\*This class does not require the use of graphing calculators; however, if you have a calculator for your math class, it will be sufficient for Chemistry.\*\*

### COURSE OUTLINE

First Semester	Second Semester
Introduction to Chemistry Matter, Change & States Atomic Structure & Electron Arrangement The Periodic Table & Trends Chemical Bonding Chemical Formulas & Compounds	Chemical Reactions Solutions, Acids, and Bases Chemical Quantities in Reactions: Stoichiometry Nuclear Chemistry Gas Laws Reaction Energy (Thermodynamics)

## **GRADING POLICY**

- **Major** - 50% of the nine weeks average (includes unit exams, projects, and written lab reports)
- **Daily** - 50% of the nine weeks average (class work, classroom and laboratory participation, homework, and journal)

When solving problems, the process is more important than the numerical answer. To emphasize this, your work will be graded as follows:

- 80% - showing the process (setting up the equation, manipulating it, and plugging in the numbers)
- 10% - the correct numerical answer
- 10% - the correct units

There will be no exceptions to this policy – it will be applied to daily work as well as all major tests. **You must show all of your work, as instructed, to receive full credit!**

## **SAFETY CONTRACT/QUIZ**

All secondary science students in Fort Bend ISD must have a ***Student Safety Contract***, cosigned by the student and a parent/guardian, on file with the school prior to using any laboratory materials and equipment. Laboratory safety rules are printed on the contract and each student will have access to a copy. The first grade in this course will include a safety quiz. You will have to correct any wrong answers on this quiz prior to completing any laboratory experiments in this class.

***Return the signed safety contract by Friday, August 18, 2023.***

## **COMMUNICATION**

Communication is key in this course. It is important that students be self-advocates regarding the course and their grades. There are several ways students and parents can communicate with me. The quickest and easiest way is email. My email is listed above. **Schoology will be the primary way for students to receive updates about assignments, due dates, tests and quizzes, and other class-related topics.** It is important that students check their Schoology course daily for any updates.

## **TUTORIALS**

A comprehensive tutorial schedule is available for all Chemistry students. Please attend tutorials at your convenience with any Chemistry teacher. If my particular tutorial day/time does not fit your schedule, please see one of the other Chemistry teachers for help during their tutorial hours.

## **LATE AND MAKE-UP WORK**

Please closely read and follow all rules established in the RPHS student handbook regarding late or make-up work due to excused and unexcused absences. It is the responsibility of the student to recover all missed assignments or notes given during class. All classwork, notes, and assignments will be accessible via the Schoology course.

AAC Chemistry students are **required** to perform and submit online homework through UT Quest, an online assessment tool provided via the University of Texas. We will go over the procedures for logging in UT Quest in class and set passwords. Students have approximately 3-5 days to complete and submit the assignment.

**There is no make-up work given for missing UT Quest homework because the system is designed for access from virtually anywhere and answers are published immediately after the assignment closes. No physical copies of assignments will be accepted in lieu of the online submission.**

**DISCIPLINE**

Discipline is in accordance with the RPHS student handbook. If a student does not abide by the rules as listed in the handbook, the following actions will take place:

1. First offense – verbal warning
2. Second offense – teacher-student conference and parent communication
3. Third offense – office referral