

Course Syllabus for Chemistry SCI251 Ms. Davis  
Textbook: Chemistry Matter & Change Glencoe Science

This course is different from any other class that you have taken before. You will be challenged to learn. You will be given opportunities to learn and you need to take advantage of them. Bring your textbook to class with you, read the material, work on practice problems and work cooperatively in the classroom every single day.

Learning Goal/Standard: Students will demonstrate knowledge and understanding of the structure and properties of matter, energy types, sources, conversions, and their relationship to heat and temperature; motion; and forces that exist between objects and within atoms.

#### First Semester

Chapters 2-11 include the foundations of science (method), SI units, and definitions, description of matter (formulas for naming), chemical reactions and equations, molar relationships (significant digits), stoichiometry, properties and laws relating to gases, composition of atom, nuclear chemistry, electrons in atoms, and the periodic table.

#### Second Semester

Chapters 12-20 + 22 include a descriptive look at the elements, chemical bonding, properties relating to liquids, solids, and solutions, thermodynamics, reaction rates, reaction equilibrium, acids and bases, electrochemistry, and organic chemistry.

\*Several lab activities will be incorporated with the above categories, including Mole Day.

#### Expectations/Conduct

There are 3 R's emphasized, demonstrated, and expected in this class every day. The three **R's** include being **Receptive**, having **Respect**, and being **Responsible**.

- Demonstrate a positive attitude toward yourself, classmates, and teacher as well as materials and equipment in the classroom.
- Be punctual, attend class every school day. **Be on time.**
- Bring textbook, paper (notebook), pencil, or pen to class with you each day and an engaged mind.
- Complete all assignments and turn them in on time.
- Students are expected to complete their own work. **Your efforts** will help you better understand the chemistry curriculum.
- All students are expected to behave properly/appropriately. **Use common courtesy and etiquette.**
- Always tell the truth. You are accountable for your actions and reactions.
- Keep the desktops, floors, and classroom clean.
- **Remain in your assigned seat until the tone sounds.** You may be given time to complete assignments in class; use this time to work on the assignment.
- Electronic devices are not to be used in the classroom unless authorized by the teacher. Follow other rules as explained in student planner. If student does not follow classroom and Hempstead High School rules, consequences can result (see student planner).

### Lab Instructions

- **Read and Follow all safety instructions.** Parents and students will know safety procedures, sign safety form, and return to teacher.
- **Goggles will be worn for all laboratory work.**
- **No food or drink allowed during lab time.** During class time, water only.

### Attendance

- Be punctual/On time Student is in the classroom and in their seat before the tone sounds.
- Absences and tardies may be given an alternative assignment to be completed as above.
- It is YOUR responsibility to find out what was covered in class during any absence. Check the assignment notebook that is left in the classroom.
- For any excused absence, you have two days to make up the work that was given the day of the absence for full credit. The previous day work is due the day you return for full credit.
- Participation points may be given. **It is important to be in class on time every day.**

### Ethics

- All students are expected to complete their own work. In lab and certain classroom activities students will be allowed to work together to complete lab procedures, collect data, and discuss questions. Students are required to always complete their own work independently to ensure that answers are in their own words and portray the meaning that they understand.
- If students are caught copying work, both the copier and the one getting his/her work copied will receive no credit. Plagiarism is never accepted.

**Grading Plan:** Four categories comprise the Chemistry grade: assignments (homework & class work), laboratories/activities, quizzes, and tests.

Each category will be based on total points and a grade equivalent will equal a percent correlating to a letter grade as shown below:

A 100-93%	A- 92-90 %	
B+ 89-87%	B 86-83%	B- 82-80%
C+ 79-77%	C 76-73%	C- 72-70%
D+ 69-67%	D 66-63%	D- 62-60%
F 59-0%		

Grades are available through the internet using Power School. These grades are updated frequently. In order to display **accurate grades** any missing assignments will show as **zero**. No late assignments will be scored for this class.

### Semester Exams

- **A semester exam will be given.**

**Communication:** PowerSchool, email, phone [gdavis@dbqschools.org](mailto:gdavis@dbqschools.org) 563/552-5320