

Bowie High School: Chemistry Syllabus 2022-2023

Teacher: Mr. Minh Dang, Room 515

Contact Information: mdang2@aisd.net

Class Website: arlington.instructure.com (Username: first 5 letters of last name + ID, Password: same as Student Self-Serve)

Text Reminders: 81010 with message "@dangchem22"



Office Hours: B-Days 1:30PM - 3:00PM (Please make an appointment to meet at a time other than office hours or tutoring.)

Course Summary:

- **Course Rationale:** The goal of Chemistry is to help students develop a basic understanding of Chemistry, to develop life-long learning skills, and to prepare them to excel in AP/IB and college chemistry.
- **Course Design:** This course uses a blended model of teaching/learning. Students are supported in their learning through an organized website and inquiry labs. This course is designed to build valuable skills (critical thinking, writing, and problem-solving) and to master rigorous content by integrating inquiry-based labs.

Grading Distribution: Six weeks grades will be calculated as follows:

- Daily (Classwork/Homework/Short Quizzes): **1X**
- Comprehensive Quizzes / Lab Activities: **2X**
- Tests & Major Lab Reports/Projects: **3X**

Materials: The student is expected to come to class prepared with the following supplies:

- Pen/Pencil (with usable eraser)
- 70 Sheet Spiral Notebook
- 2 bottles of glue – 1 for note-booking and 1 for slime lab
- Basic scientific calculator for home use - scientific calculator app on phone is good for home use

Course Outline

1 st Semester	2 nd Semester
1st Six Weeks Introduction: Processes of Chemistry Investigations Unit 01: Matter Unit 02: Atomic Structure and the Periodic Table	4th Six Weeks Unit 07: Stoichiometry Unit 08: Gases
2nd Six Weeks Unit 02: Atomic Structure and the Periodic Table (continued) Unit 03: Chemical Bonding Unit 04: Chemical Formulas	5th Six Weeks Unit 09: Solutions Unit 10: Acids and Bases
3rd Six Weeks Unit 05: Chemical Equations and Reactions Unit 06: Mole Concept	6th Six Weeks Unit 11: Thermochemistry Unit 12: Nuclear Chemistry

Classroom Expectations

1. Be **READY** – Be prepared to learn every day, be organized, and be safe.
2. Be **RESPONSIBLE** – Take ownership of your actions and their consequences, good and bad.
3. Be **RESPECTFUL** – Respect yourself, the teacher, other students, and your environment.

Classroom Policies:

- **Follow AISD Student Code of Conduct:** <https://www.aisd.net/wp-content/files/2022-2023-Student-Code-of-Conduct-English.pdf>
- **Discipline Policy** – Behavior that does not meet classroom expectations may result in the following:
 - 1st Offense: Verbal Warning
 - 2nd Offense: Notify Parent/Guardian & Lunch/After School Detention
 - 3rd Offense: Office Referral
 - Severe Clauses (automatic trip to AP)
 - Willful disrespect to classmates and/or their property
 - Creating an unsafe environment in the class
 - Refusing to follow safety instructions
 - Cursing/fighting
- **Seating Policy** – Students must sit where the teacher finds best fit for the learning environment. There are no exceptions to this rule.
- **Technology Policy** – Technology will be a vital resource in the classroom. laptops and calculators are available to be used in the classroom and students are responsible for proper use and care of the equipment. All electronic devices (smartphones, iPods, headphones, tablets, laptops, etc.) used during inappropriate times will be taken up. If a student refuses to give up his/her phone, a referral will be written and a phone call to parents/guardians will be made (as stated in the AISD Student Code of Conduct pg. 67)
- **Accessories Policy** – No hats, beanies, hoods, etc. may be worn after you cross the door to the classroom. Makeup, combs, lotion, mirrors, and any other beauty products are also not allowed in class. Each time that one of the aforementioned items is used in the classroom, it will be taken up and held in the office.
- **Food Policy** – No food or drinks (besides water) allowed inside of the classroom. Gum is never allowed in class. Any student who is chewing gum in class will be given a consequence and must throw the gum away.
- **Late Work Policy** – Daily/Classwork/HW: Work accepted up to 2 class days late for a 70. Labs/Projects: 15 points deducted from grade each class day late. After the 2nd class day, it will not be accepted (without prior approval) and the grade is zero.
- **Make-Up/Absence Policy** – If a student is absent, it is the student's responsibility to check Canvas/Edmodo/etc. for any notes/assignments that they need to complete. Work due the day of the absence must be turned in on the day the student returns. Missed work due to excused absence(s) will be allowed the same amount of day(s) absent to make up. Students must attend tutoring or watch tutorial videos and complete missed assignments.
- **Zero-Tolerance Policy for Cheating** – Cheating will not be tolerated. **Plagiarism, copy of other student's assignments, or any other form of cheating will result in a ZERO on the assignment for all students involved and the parent/guardian will be contacted.** When working in groups, students are encouraged to discuss ideas, but are expected to write his/her responses to reflect his/her own learning. No two written responses should be the same. Zeros for copied work cannot be made up.
- **Re-Test Policy** – For each test, students will be offered an opportunity to retest if he/she scored below a 70 on the original test. Before given the opportunity, the student must complete a test correction and attend a tutoring session provided by any chemistry teacher. There will be only one chance for test correction and it must be done within 1 week of receiving the test back.
- **Lab Safety Policy** – This class involves many laboratory activities, which may require the use of hazardous chemicals. Safety in the classroom is the primary priority for this class. See the attached Flinn Scientific's Student Safety Contract for additional details. A lab safety exam will be administered at the beginning of the year, and a score of 80 is required to participate in labs. If a student does not follow the safety protocols during lab (safety goggles, closed-toe shoes, etc), he/she will forfeit the opportunity to participate. An alternate lab assignment will need to be completed instead for a maximum grade of a 70.

:): you choose