



PreAP Chemistry Instructional Plan: First Semester

Course Overview

Welcome to PreAP Chemistry at Early College High School. This course will prepare your student for AP Chemistry and college level chemistry courses.

Contact Information

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Classroom Expectations

Students are expected to bring their school supplies and an attitude ready to learn. Our classroom will be high energy. We will engage in hands-on experiments in every unit; we will also do some online experiments using PhET simulations. Our classroom will be a positive space to make mistakes, learn chemistry, and make lasting connections.

Attendance Policy & Its Importance

A poster titled "Attendance Information" with a blue background and a red polka-dot banner. It is divided into four sections: 01 Excused Absences, 02 Unexcused Absences, 03 Important Notes, and 04 Common Codes. The poster includes details about the number of excused absences allowed, the requirements for unexcused absences, and a list of common codes (A, U, C, D) with their meanings. The Misd logo is in the top right corner.

Attendance Information

01 Excused Absences

- A student is allowed 3 excused absences (code A) per semester
- Can be used for any reason or any absence
 - Sick without a doctor's note, funeral, going out of town, non-MISD extracurricular, youth sports, etc.

After you have used your three "A's", any absence is considered unexcused other than those determined by TEC25.067

02 Unexcused Absences

- Parent called in, but 3 As (excused absences) have been used for the semester
- No parent notification of the absence

03 Important Notes:

- Just because a parent calls in does not mean the absence is excused. Once 3 As have been used for the semester, absences will be coded as a 4.
- Documentation or notifications are due within 3 days of your child's return to school.
- For additional information on tardies and absences, refer to the MISD Student Handbook.

04 Common Codes:

- A** Absence verified / Parent Excused
- 4** Verified by Parent Unexcused
- U** Unexcused (no call-in/notification)
- C** or **D** Signed doctor's note



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Please notify the school if your child will be absent. Frequent or extended absences may make it more difficult for your child to learn necessary foundational skills that ensure student success this year and in future school years.

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Who do I call with questions?

- Campus Attendance Clerk
- Campus Parent Liaison
- Campus Social Support Worker
- Truancy Prevention Coordinator - 240-1517
- Campus Assistant Principal



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Why did you mark a funeral as an unexcused absence?

We understand this is a very challenging time for your family, however, Compulsory School Attendance law does not specify that a funeral is an excused absence.

As a district we have allowed each student 3 days per semester that are excused (code A) that they can be used for any reason. Please know we understand that grief is hard and loss is hard. We want to provide these 3 days as way to provide relief.

Just because a parent calls in does not mean the absence is excused. Once 3 As have been used for the semester, absences will be coded as a 4.

07

What if I check my child out early?

Checking your child out early on regular school days counts as a "Leave Early" code on your child's attendance record. Similar to excused absences, the district has allowed each student 3 "Leave Early Excused" per semester that can be used for any reason. Once the 3 have been used, they will become "Leave Early Unexcused".

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What type of absences count against my child?

Any unexcused or leave early unexcused absences including, but not limited to:

- Vacations
- Parent/guardian illness note
 - just writing a note or calling the school will NOT excuse an absence.
- Attendance at non-school sponsored events
 - Youth sports -

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How can a Social Support worker help?





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Learning Objectives

By the end of the first semester, students will be able to:

- Demonstrate scientific process and basic mathematical constructs
- Evaluate the nature of matter and its components
- Recognize patterns within the periodic table to determine characteristics •

Analyze radioactive processes

- Determine bonding patterns and naming of metallic, ionic, and covalent compounds
- Analyze compounds by intra/intermolecular forces
- Classify and draw electron dot structures using molecular geometry
- Balance equations

PreAP Chemistry students will develop skills such as:

- Use of scientific method, scientific notation, calculate significant figures, and converting units •
- Use and limitations of lab equipment by precision of measurement
- Quantify density and its components
- distinguish between atoms, molecules, and compounds
- Evaluate models of pure substances and mixtures
- Use of periodic table and construct atomic models
- Formulate relationships between energy, frequency, and wavelength of light to the EM spectrum
- Characterize alpha, beta, and gamma decay
- Compare fission and fusion reactions as well as possible applications
- Explain then create representations of ionic and covalent compounds according to IUPAC rules
- Evaluate claims or models of intermolecular forces present in a substance
- Determine if molecules are structural isomers
- Using valence shell electron pair repulsion theory to predict molecular geometry •
- Evaluate reactions to determine transformation type
- Balance equations & begin to identify types of reactions

Course Resources

- Canvas: all slides and handouts will be posted online
- Learning Logs: great tool for studying!!
- <https://pre-ap.collegeboard.org/media/pdf/pre-ap-chemistry-cg-wr.pdf> - Buthelezi, T. (2025). *Chemistry: Matter & change*. McGraw-Hill Education.
- Unit 1- Chapter 0 & 1
 - Unit 2- Chapter 2
 - Unit 3- Chapter 3 & 5
 - Unit 4- Chapter 4 & 20
 - Unit 5- Chapter 6
 - Unit 6- Chapter 7
 - Unit 7- Chapter 7
 - Unit 8- Chapter 6 & 7
 - Unit 9- Chapter 8



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Grading Policy

According to Midland ISD Grading Policy:

- Major grades are worth 40%
 - Test may be recovered up to a 75
- minor grades are worth 60%
 - 1 day late 90; 2 days late 80; 3 days late 70; after 5 days late the grade is 0
- Semester exams make up 15% of the final grade
- Absent work- for each day absent, a day is given to complete necessary assignments
 - Example 1: MWF student is absent M and returns W, work due Friday
 - Example 2: TThF student is absent T and returns Th; work due Monday

Late Work Policy: As per the MISD late work policy:

Any work not received by the assigned due dates will be graded as follows:

- 1 day late- maximum grade possible is 90
- 2 days late- maximum grade possible is 80
- 3-5 days late- maximum grade possible is 70
- After 5 days, late work will not be accepted

School-wide System of Communication

PowerSchools

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