NNHS AP CHEMISTRY Syllabus

Instructional Coordinator: Andy McWhirter amcwhirter@naperville203.org
Teacher: Elizabeth Brucker ebrucker@naperville203.org

Mission
To educate students to be self-directed learners, collaborative workers, complex thinkers, quality producers, and community contributors

Course Description
A discussion of formal lecture approach will be used with emphasis on laboratory experiments and problem solving. The subject matter will include topics in inorganic, physical and organic chemistry. This course prepares students to take the Advanced Placement Exam, in which students can earn up to one year of college credit. Students will also be enrolled in AP lunch.

Course Learning Standards

Topics in 1st semester
- Measurement
- Atoms, Molecules and Ions
- Mass Relationships
- Gases
- Quantum Theory
- Periodic Relationships
- Thermochemistry
- Chemical Bonding
- Intermolecular Forces
- Physical Properties of Solutions
- Reactions of Aqueous Solutions

Topics in 2nd semester
- Entropy, Free Energy and Equilibrium
- Chemical Equilibrium
- Transition Metal and Coordination Compounds
- Chemical Kinetics
- Electrochemistry
- Acids and Bases
- Acid Base Equilibrium
- Organic Chemistry

Grading:
Your course grade will reflect what you have learned, not what you have completed!

Overall Semester grade:
85% of the Course grade,
15% Final Exam

The final semester grade will be rounded to the nearest percentage point.

Course Grade
Each unit/standard is assigned a particular percentage.

Within each unit, each category are weighted as follows:
Tests 50% Labs 25% Quizzes 20% Homework 5%

Grading Disbursement:
Reassessment Policy

There will be no opportunities for retaking labs, quizzes or tests in this course.

Communication

- Teachers make every effort to respond to emails and phone calls within 48 hours during the work week.
- The best way to communicate with teachers is through email; however, if you haven’t received a response in 48 hours, please resend the email or call their voicemail. Your email may have gone into the spam folder.
- My email is ebrucker@naperville203.org.

Help

- Make an appointment with your teacher.
- Attend S.O.S (supervised open study) in the Literacy Center M, W & Th from 3:15 to 4:15.
- Drop in for peer tutor during lunch periods through the Literacy Center.

Parents or Guardians

We need your help!

- Parents should actively check Infinite Campus for their student’s grade.
  - The grades on Infinite Campus will be accurate only at Mid-Quarter and Quarter. Prior to those dates, the grade reflected is fluid.
  - Infinite Campus is a communication tool until final grade is posted.
- Please ask your student about their school work
- Check with your individual teacher for classroom procedures, schedules, and daily class news.