

EDUCATION AT SAVANNA - A CONTINUOUS COMMITMENT

MISSION STATEMENT

The mission statement of Savanna High School is to develop productive members of society who actively pursue the fulfillment of their potential. Our students will demonstrate competence in academic, personal, occupational and citizenship skills. We will strive to prepare our students for lifelong learning, working, and contribution to our community, state, nation, and world.

SAVANNA HIGH SCHOOL CURRICULUM PAPER AP CHEMISTRY

Dear Parents and Students,

I would like to take this time to acquaint you with my AP Chemistry course at Savanna.

COURSE PREREQUISITE: A grade of “A” or “B” in Chemistry with a “C” or better in physics (or concurrent enrollment in physics), and/or instructor’s recommendation is required to take this course.

COURSE DESCRIPTION: The intent of AP Chemistry is to provide the equivalent of a first-year college-level chemistry course to motivated students in the high school environment. Students who successfully complete the course will be expected to take the advanced placement examination. For those students that pass the exam, this course enables them to undertake (as freshman) second year work in the chemistry sequence **or** fulfill the laboratory science requirement to free time for other classes at a participating university.

SAVANNA’S WEIGHTED GRADE POLICY: If a student earns a “C” or better in a weighted course, then he/she will receive weighted credit. However, if a student earns a “C” or less, then he/she will **NOT** receive weighted credit.

EDUCATIONAL MATERIALS: The following text is used: *Chemistry*, 4th edition by Zumdahl. *Experimental Chemistry* lab book, *Study Guide* (students’ solutions manual), *Solving Equilibrium Problems with Applications to Qualitative Analysis* (supplemental workbook), and teacher prepared materials are also used.

COURSE OUTLINE:	The following topics will be studied: Chemical Foundations; Atomic Theory; Stoichiometry; Types of Chemical Reactions; Gases; Thermochemistry; Atomic Structure and Periodicity; Chemical Bonding; Molecular Orbitals; Liquids, Solids, and Changes of Phase; Properties of Solutions; Kinetics; Chemical Equilibrium; Acids and Bases; Aqueous Equilibria; Spontaneity, Entropy, and Free Energy; Electrochemistry; Descriptive Chemistry; Organic Chemistry; and Nuclear Chemistry.
HOMEWORK:	Homework will be given on a regular basis. Assignments will be based on class discussions and done in a spiral notebook to be collected periodically. The primary purpose of homework is to prepare the student for examinations; however, it is also a strong indicator of the effort the student is applying.
LABS:	Students will be required to do a write-up for each lab. They are required to keep a lab book in the form of a spiral notebook <u>or</u> college “laboratory notebook” which has each page backed by a carbon copy. College laboratory notebooks can be purchased at most local college bookstores.
MAKE-UP:	If the student has an excused absence, they will have one day for each day he/she is absent to make up the work for full credit. Due to the nature of laboratory exercises, the student will have to write an extensive report on an assigned topic to receive credit for each lab missed. Make-up tests will be different and more challenging.
CLASSROOM RULES:	<ol style="list-style-type: none"> 1. The student is expected to be polite, courteous, and behave in class. Students will not interfere with the learning environment of others. 2. Writing on desks, texts, or any other property is forbidden. The student will have to repair or replace damaged property. 3. There is absolutely no eating or drinking in class. 4. The student will be in his/her seat WHEN THE TARDY BELL RINGS. 5. Students are not to copy another student’s work or loan a complete assignment to another student. Both students will receive a zero grade for the assignment. 6. If the student does not follow the above information, a one-hour detention will be assigned. The detention will be served in detention hall, after school on the day it was assigned or before school on the next school day. 7. Students will obey the AUHSD Laboratory Safety Rules and must pass a safety test. If a student does not choose to follow these rules, he/she may be dropped from the course. 8. Class participation is expected.

GRADING: Each exam, quiz, lab, and assignment is worth a certain number of points. The student's grade is based on the total number of points he/she has obtained during the given time period. The grading scale is:

A = 100%-90% of the total points possible

B = 89%-80% of the total points possible

C = 79%-70% of the total points possible

D = 69%-60% of the total points possible

F = 59%- 0% of the total points possible

If you have any questions regarding my class policies, please feel free to call me at Savanna. The phone number is 220-4262.

Mr. Ron Michelotti,
AP Chemistry Teacher