

Class Name: Chemistry (Honors)

Teacher: Mr. Anderson

Grade levels: 10-12th

Class Description: 1 ½ hours—Students will be expected to perform 4-6 hours homework per week. This course gives students a rigorous foundation in chemistry. **Course covers:** significant figures, units, classifications, the mole concept, stoichiometry, thermo-chemistry, thermo dynamics, kinetics, acids, and bases, redox equations, solutions, atomic structure, Lewis Structures, molecular geometry, gas laws and more. Labs will be performed throughout the course to re-enforce principles being taught. This course also prepares students for college level work and can be followed up with an Advanced Chemistry course.

Prerequisites: Algebra 1, Physical Science, Teacher approval.

Textbook/Author/Publisher:

Exploring Creation with Chemistry (2nd Edition)

Author: Dr. Jay L. Wile Publisher: Apologia Educational Ministries Inc.

ISBN: 1-932012-26-5

Supplies required: Scientific calculator. Casio fx-115ES PLUS or equiv.

Weekly class cost: \$10.00

Materials/lab fee: \$25.00

FLDOE Course code: 2003350

Maximum # of students--8 Minimum # of students--4

Teacher contact: Randy Anderson

Email: randyandjudy49@gmail.com

Phone: (321) 636-2782

Course Commitments:

Students: take notes in class, do all designated homework on time

Parents: confirm student doing work & turning in on time, provide students semester & final grades based on teacher input.

Teacher: teach course material, explain difficult concepts, issue extra helps, do experiments, grade tests & lab reports, maintain student records, provide tutoring as required.