COURSE TITLE: Advanced Placement Chemistry

COURSE NUMBERS: 3631 / 3605

DEPARTMENT: Science

PREREQUISITE: Required – Completion or Concurrent Enrollment in Algebra 1 or Math 1 (Integrated)
Recommend - None

LENGTH OF COURSE: One Year

SEMESTER PERIODS OF CREDIT: 5 per semester

GRADE LEVEL(S): 10-12

DATE ADOPTED: 6/6/2000 (Revised Course Description 3/10/15)

Meets EUHSD Physical Science Requirement

MEETS UC “d” ADMISSION REQUIREMENTS

TEXTBOOK In addition to the EUHSD Board Approved textbook, teachers will utilize a variety of resources designed to assist students in meeting the requirements set forth by the College Board in preparation for the Advanced Placement Exam. In addition, Advanced Placement teachers are required to submit their Course Syllabus in accordance with College Board requirements and receive individual teacher approval to utilize a variety of instructional strategies and course materials in order to meet the requirements set forth in the Advanced Placement Course Guides.

Board Approved Textbook:  Zumdahl Chemistry 10th Edition by Cengage Learning ©2018
ISBN 1-30595773-3 (Adopted 4/18/17)

COURSE DESCRIPTION: This course provides students with a foundation to support future advanced course work in chemistry. Through inquiry-based learning, students develop critical thinking and reasoning skills. Students cultivate their understanding of chemistry and science practices as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

For current course curriculum go to www.collegeboard.org

Updated
10/31/2018