

2012 Syllabus for Chemistry July 23 –26, 2012

Institute Overview

This workshop, designed for new and experienced AP[®] Chemistry teachers, will model an AP chemistry curriculum in which participants will be introduced to both the hands-on and theoretical aspects of molecular structure and interactions, kinetics, acid-base chemistry, thermodynamics. Each day, participants will perform several lab activities that reinforce the topics. Participants will be asked to write up and evaluate the labs as well as complete and share solutions to AP[®] problems, both requiring evening homework.

Time will also be devoted to College Board's A.P.[®] Chemistry Curriculum changes to go into effect on the 2014 Test, including changes in the laboratory component. Patsy Mueller, the instructor, will have completed the College Board's "Re-train the Trainers" 3-day short course before this workshop begins.

Consultant Background

Patsy Mueller, M.S. Chemistry; AP Chemistry Consultant, The College Board since 1991; AP Reader from 1980 - 2005 including 15 years as Table Leader; served on the AP Test Development Committee for four years; served on the AP Chemistry Test Development and the NSF Committee to investigate U.S. AP math and science curricula in a global setting; AP Chemistry Teacher, formerly of Highland Park High School, IL, currently of Regina Dominican High School, IL. [pmueller@rdhs.org]

Institute Preparation

All work to be assessed will be completed during the workshop. Participants are asked to bring a "flash drive" to the workshop for storing copies of all hand-outs potentially useful in developing or revising their own A.P. Chemistry course.

Graduate Credit Option

Participants may also earn three graduate education hours for any of the AP Summer Institutes from Washburn University for a reduced tuition and the successful completion of an academic assignment.

Additional Information

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