Course Details

Course: AP Chemistry
Instructor: Mike Rodgers
Cost: $500.00
Instructor Email: mrodgers@semo.edu
CE Email: continuingeducation@tamiu.edu
CE Telephone: (956) 326-3068
Date(s): August 05, 2013 – August 08, 2013
Days: Monday – Thursday
Setting: Chemistry lab and classroom
Room: PENDING
Time: 8:00am – 5:00pm
Breaks: Two (2) Fifteen (15) Minutes Each
Lunch: One (1) Hour
CEU’s: 30 Contact Hours, 3.0 CEU’s

Attendance Requirement:
Students are required to be present for at least 80%, or 24 hours, during the 30 hours of instruction in order to receive the APSI Certificate and comparable CEU’s.

Prerequisite(s): Bachelor Degree with teacher certification.

Supplies Provided: AP Chemistry College Board Bundle

Student Supply List: Pen, pencil, notebook, personal laptop, lab goggles.

Learning Outcomes: Participants will be able to select and create course materials that address the six Big Ideas in the new Curriculum Framework. Also, participants will use active learning techniques to teach the Big Ideas in a high school classroom. Participants will convert a structured inquiry lab to a guided inquiry format.

Description: We will make a detailed investigation of the new AP Chemistry Curriculum Framework, and explore how the Curriculum Framework relates to the new AP Chemistry Exam. We will also see how the six Big Ideas and their associated Learning Objectives relate to the seven Science Practices, and how these Practices can be expressed in guided inquiry laboratory experiences. We will examine the AP Course Audit process, with emphasis on ways teachers can create a course syllabus that will be approved in the Audit process. At least a third of our time together will be spent in the laboratory, performing labs that are suitable for use in an AP Chemistry Course. A website containing labs and many other AP Chemistry resources will be used extensively during the Institute, and available to registered participants thereafter.