Course: AP Biology
Instructor: Melissa Cuellar
CE Email: continuingeducation@tamiu.edu
Date(s): August 05, 2013 – August 08, 2013
Setting: Classroom/Lab room
Time: 8:00am – 5:00pm
Lunch: One (1) Hour

Cost: $500.00
Instructor Email: mcuellar@unitedisd.org
CE Telephone: (956) 326-3068
Days: Monday – Thursday
Room: PENDING
Breaks: Two (2) Fifteen (15) Minutes Each
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 Biology College Board Bundle

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

Learning Outcomes:
The key concepts and related content that define the revised AP Biology course and exam are organized around a few underlying principles called the big ideas, which encompass the core scientific principles, theories and processes governing living organisms and biological systems. For each of the big ideas, enduring understandings, which incorporate the core concepts that students should retain from the learning experience, are also identified.

Description:
This intensive, 4-day course will focus on the newly redesigned AP Biology curriculum. Primary topics to be discussed will be the integration of the Four Big Ideas and the Seven Science Practices into teachers existing curriculum. The lab component will focus on inquiry and labs from the College Board’s new lab manual. Additional topics will include the AP Audit, and the integration of biotechnology, experimental design and technology into the AP Biology course. Participants will learn how to prep the labs, to perform the labs and how to analyze the results. Biotechnology labs that may be included are Bio-rads pGLO transformation lab and gel electrophoresis. Additionally, curriculum issues such as essay grading, testing, the Internet, technology and review techniques will be examined.