Course: Pre-AP Professional Development Mathematics

Instructor: Dickie Thomasson

Days: Monday – Thursday

Setting: Classroom

Prerequisite(s): Bachelor Degree w/teacher certification

CE Email: continuingeducation@tamiu.edu

Supplies Provided: College Board Bundle and Instructor Printed Material

Date(s): August 04, 2014 – August 07, 2014

Email: dickie.thomasson@pgtigers.org

Time: 8:00am – 5:00pm

Lunch: One (1) Hour

CEU’s: 32 Contact Hours, 3.0 CEU’s

CE Telephone: (956) 326-3068

Learning Outcomes:
To prepare students for the AP Calculus/Statistics Exams through the Algebra I, Algebra II, Geometry, and Trig/Precal curriculum.

Description:
This course will focus on preparing students for the AP Calculus/Statistics Exams through the Algebra I, Algebra II, Geometry, and Precalculus/Trig curriculum. Participants will learn the purpose and value of the AP program as well as how to incorporate skills, concepts, and rigor into their Pre-AP program to help students make an easy transition to AP Calculus and Statistics. They will explore setting up a Pre-AP program by developing/forming a strong vertical team. Linear, quadratic, exponential, logarithmic, and trigonometric functions will be covered. Area and volume of regular and irregular figures will be found while accumulation will be discussed. Participants will also review and adapt released AP free-response problems that may be used to help facilitate student learning and to reinforce concepts and rigor at different grade levels.

Participants might want to bring any good lessons or resources they have used in the past and would be willing to share.