

AP Statistics

Course Description

Institute Overview

Welcome to the wonderful world of AP Statistics! I look forward to working with you and hope that you leave feeling prepared and excited about the opportunity to teach AP Statistics.

During the workshop we will:

- Discuss the new Course and Exam Description (to be released in late May 2019) in detail. This includes new details about the AP exam and a very detailed course framework that defines what teachers need to cover in their course.
- Discuss how to use other new resources from the College Board, including Personal Progress Checks, the Question Bank, and the Performance Dashboard.
- Participate in many classroom-tested activities that illustrate key Learning Objectives.
- Review important topics from the course, usually via actual free-response questions from the AP exam.
- Discuss how the AP exam is created and how it is scored, with a focus on the most recent year's AP exam. We will also discuss common student errors and how to avoid them.
- Practice using various types of technology, including graphing calculators and applets.
- Discuss other important topics for running an AP Statistics course, including textbook selection, recruiting students, assessing students, and other day-to-day issues.
- Answer as many questions as possible!

Institute Preparation

You will be receiving electronic copies of my lesson plans, chapter tests with answer keys, examples of projects, and many other resources. It might be helpful to have a laptop computer, but it is not necessary. It will be necessary, however, to bring a graphing calculator. I will be modeling instruction using a TI-84, so bringing a TI-84 would be great. You will also be receiving copies of several textbooks, so you will not need to bring any of your own.