Outline of Advanced Placement Statistics Workshop

Day 1

Morning Session 1  Introductions and overview of course
  Examination of College Board Materials
  Presentation of Expectations and Concerns
  Course Descriptions
  Expectations for Future of Course

Morning Session 2  A Variety of Approaches
  The Importance and Influence of Simulation
  Hands On Multiple Approach to Simulation

Afternoon Session 1  Overview of Exam Construction
  Analysis of Rubric Construction for a 2015 Exam Question
  Reading Student Papers for 2015 Exam Question

Afternoon Session 2  Design of Experiments: Content Overview
  Classic Design of Experiments Questions
  Materials to Enhance Design of Experiment Content Presentation

Day 2

Morning Session 1  Hands On Multiple Simulation
  Early Simulations as Laying Foundation for Inference
  On Line Resources

Morning Session 2  Examining Materials for Design of Experiments
  Examination of Student Responses to DOE Questions
  Constructing Rubrics for DOE Questions

Afternoon Session 1  Overview of Content for Exploratory Data Analysis
  Construction of Rubric for 2015 EDA Exam Question
Examination and Analysis of Student EDA Responses

Afternoon Session 2  Examination of Student Responses and Rubrics for Classic EDA

Overview of Regression Content

Examination and Analysis of Classic Regression Exam Questions

**Day 3**  Morning Session 1

Hands On Multiple Approach Simulation for Probability

Overview of Content for Probability

Materials to Enhance Probability Presentation

Morning Session 2

Examination and Analysis of 2015 Probability Question

Reading Student Responses and Construction of Rubric

Examination of Classic Probability Questions

Afternoon Session 1

Overview of the Investigative Task Question

Examination and Analysis of 2015 Investigative Task

Examination of Classic Investigative Task Questions

Afternoon Session 2

Examination of Ancillary Exam Prep Materials

Examination of Software to Enhance the Course

**Day 4**

Morning Session 1  Hands on Multiple Approach Simulation for Inference

Overview of Inference Content

Working with Hands On Inference Materials

Morning Session 2  Examination and Analysis of All Types of Inference Exam Questions
Reading of Student Responses to Clarify Rubrics and Expectations

Afternoon Session 1  Simulation Activity to Integrate EDA and Inference
Practice with Scrambled Inference Materials for Students

Afternoon Session 2  Sharing of Multiple Choice Solutions for Practice AP Exams
Wrap-Up and Laying Foundation for Cohort in Coming Academic Year