

The Advanced Placement Statistics course has several units that when put together, help students to understand the role that variability plays in drawing conclusions based on data and the data analysis process. Core concepts covered are data types and displays, collection and description of data, probability and common data distributions, and inferential statistics in one and multiple variables. These concepts are to be covered in real world context and applied to everyday situations. These units provide an understanding of all of these concepts with the data analysis process in mind, as well as all of the associated mathematics and technology used. All of this is consistent with the expectations of Advanced Placement Statistics exam. As this is an honors course, the pace will be accelerated and additional topics with greater difficulty will be covered.