



## Course Syllabus: Advanced Placement (AP) Statistics

### Course Description

AP Stats offers a combination of assessment and instruction in an online environment containing but not limited to the areas of exploring data, sampling and experimentation by planning and conducting studies, anticipating patterns using probability and simulation, and using statistical inference to analyze data and draw conclusions.

The purpose of this course is to provide students with a deep understanding of the concepts of statistics to prepare them for the AP Statistics Exam and for future higher education statistics courses.

This course has three sections: AP Stats A is the first half of the course and includes Modules 1 – 4. AP Stats B is the second half of the course and includes Modules 5 – 8. AP Stats Y is the entire course and includes Modules 1 – 8.

This course includes the following modules:

Module 1 – Exploring Data

Module 2 – Exploring Relationships

Module 3 – Collecting Data

Module 4 – Probability and Random Variables

Module 5 – Sampling Distributions and Confidence Intervals

Module 6 – Proportions

Module 7 – Means and Slope

Module 8 – Chi-Square

*There is no required textbook for this course. All course content is digital and available in the course modules.*

### Course Participation Policy

Students should follow the Class Schedule (located in Class Information area of course) and all course work must be submitted no later than 11:59 PM on the due date.

After the due date has passed, instructors will enter zeros in the Grade Center for work not submitted by the deadline. During student breaks and towards the end of the semester, students may have the opportunity to improve their course grade by completing and submitting work with grades of zero from earlier in the semester. Zeros will remain in the Grade Center until course work is submitted and evaluated by the instructor.

The CVA term ends prior to the end of the traditional school semester. The final date work will be accepted each term is posted on the CVA website ([cobbvirtualacademy.org](http://cobbvirtualacademy.org)).

## **Grading**

Grades for this course are a culmination of points.

Assignments = 20 points

Projects = 30 points

Quizzes = 30 points

Tests = 95-100 points

Grades for the course are calculated based on category percentages as follows:

Assignments, Quizzes, Projects, and Tests = 90%

Final Exam = 10%

## **Academic Integrity**

Academic integrity is the cornerstone of learning at CVA and we take the integrity and authenticity of student work very seriously. When academic integrity is maintained, students will make decisions based on values that will prepare them to be productive, meaningful, and ethical citizens.

Students are required to abide by the CVA Academic Integrity Policy. Academic dishonesty in any form will not be tolerated. The CVA Academic Integrity Policy outlines the consequences if students fail to maintain academic integrity in their course. For additional information, the CVA Academic Integrity Policy is posted on the CVA website.

## **Additional General Information**

- Students must complete the mandatory online CVA Student Orientation each term before any course work will be graded by the instructor. Only one Student Orientation is completed each term.
- All course work must be submitted through Blackboard in the format requested. Students should have access to Microsoft Office and submit assignments in that format. All CCSD students have access to the Office 365 Suite. Assignments submitted through email will not be accepted.
- The 'Grade before Final Exam' column in the student Grade Center shows the current grade for the course and is automatically calculated.
- Students in all sections of this course will take an online final exam during the times indicated on the CVA website.