

## **Welcome to AP Statistics!**

The topics for this course will be divided into four main themes: explanatory analysis of data, planning a study, probability and statistical inference. The syllabus is consistent with the AP Statistics course recommended by the College Board. The material covered in the course will prepare students for the Advanced Placement Exam in Statistics. This year the exam is scheduled for Friday, May 15, 2020; mark your calendars! All students are strongly encouraged to take the exam. If you do not take the exam, you will be required to take a final exam during term 4. Scores of 3 or higher can result in credit for college courses. Each school's criteria is different, so check with the colleges to which you are applying for their guidelines.

## **Rules for Success**

### **1. Show up and be present!**

To succeed in this course, your attendance is required. You will NOT be allowed to make up, for credit, work missed due to unexcused absences or cuts. If you are absent, it is YOUR responsibility to get the assignments you missed and to make them up within two days of your absence. All homework assignments will be posted to Canvas each day by 2:45pm. If you are absent the day an assessment is given, then you are expected to schedule a time to make-up the assessment *immediately* upon your return to school (even if your class does not meet the day you return).

You are expected to arrive to class on time every day with the necessary materials. Before class begins, your materials should be out on your desk and your cell phone should be "parked." A notebook, writing utensil (pencil, blue or black ink), and your graphing calculator (TI 84 is recommended) are the necessary materials. It is an expectation that you will turn your phone off (or turn it on silent mode, NOT vibrate) and place it in an assigned numerical "parking lot" space provided by your teacher. The cell phone parking lot is located in a secure and visible location in the classroom. Cell phone retrieval will occur at the end of class or when needed for academic purposes as expressly stated by your teacher.

### **2. Participate actively!**

To succeed in this class, you must choose to stay focused and involved in every class, offering your best comments, questions and answers. Take ownership of your learning and give your best effort every day! Raise your hand, ask questions, help a neighbor. You'll be working in groups often, so get involved. Don't take the back seat and let your peers do the work for you.

### **3. Do the work!**

Homework will be assigned every night to give students independent practice opportunities. Begin all problems by writing down all of the given information and what you are being asked to find. After completing the assignment, check your solutions to odd problems in the back of the textbook. Mark any corrections in a different color ink, so you know what types of problems were challenging for you. For any problems you don't understand, be sure NOT to skip them entirely. Instead, write a sentence or two about where and why you got stuck and what information you feel would help you. In addition to completing the nightly homework and taking notes in class, it is strongly encouraged that you read the textbook on your own.

#### 4. **Be respectful and honest!**

This classroom is to be a safe environment. Disrespectful comments will not be tolerated. As a class, you will be learning from and working with your peers. It is expected that everyone communicate in a polite, professional manner. Simply put... treat others the way you want to be treated! If you feel there is a problem that needs to be addressed, please speak to me immediately about it.

Cheating, in any form, is NEVER worth it. Don't jeopardize your integrity. Please read the *Student Handbook* regarding the School's policy on academic integrity. Any incident of cheating will result in a grade of zero and a phone call home. Cheating includes, but is not limited to, copying assignments, lending assignments to be copied by others, programming graphing calculators with information you are supposed to know without assistance, use of "cheat sheets" during assessments, etc. Repeated incidents of cheating could result in a zero for the course.

#### 5. **Ask for help!**

This class will go at a very swift pace. If you're confused about something or need clarification, then come in for help! Do not wait to seek extra help; come in as soon as you think you need help. I am in Math Lab this year; you are welcome to drop in any time you see my name on the schedule! I will post additional help opportunities on the class slides leading up to an assessment. Please email me if these times don't work with your schedule and we will find a time to meet. I am available most block 1s, but after school will be limited during the fall sport season.

#### **Grading Policy<sup>1</sup>**

The grade a student receives at the end of a term reflects the student's ability to demonstrate their understanding of the concepts covered during the current as well as previous term(s). Throughout the term, students will be given an opportunity to demonstrate their understanding of material through tests (75%) and quizzes (25%). A test will be given at the end of every chapter as well as at the end of the term. All chapter tests are equally weighted. Test dates will be announced at the beginning of the term as well as posted on canvas. Learning goals for each chapter are posted on canvas on the Modules page as well as on the assessment date in the calendar.

An end-of-term cumulative assessment will be given each term<sup>2</sup>. The purpose of the cumulative assessment is to allow students an opportunity to demonstrate they have mastered and retained previously assessed mathematical concepts. If your score on the cumulative is better than the score of a chapter test that term, the cumulative assessment grade will replace the lowest chapter test grade. If the cumulative assessment grade is lower than all chapter test grades, it will be averaged in as another test.

Quizzes will be given 1-2 times per cycle. These assessments may be unannounced and will be graded using a points system. Quizzes will come in many formats, such as random homework checks, group quizzes, canvas quizzes and class activities.

The grading system described above is for terms 1 – 3. Since term 4 is a short term and we spend most of our class time preparing for the AP exam, the grading policy will be different. The majority of your term 4 grade (60%) will be an average of your grades from terms 1 – 3. The remaining 40% will be calculated on a points system. Quizzes, homework, projects and class work (both individual and group) will be factored into this portion of your grade.

***I look forward to a challenging and successful school year! ~ Mrs. Giancioppo***

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<sup>1</sup> Any change to the term grading policy will be discussed as a class prior to implementing the change(s).

<sup>2</sup> There will not be an end of term cumulative for terms 3&4. We will discuss this at the start of term 3.