

St. John's Preparatory School

Course Title: Advanced Placement Statistics

Teacher's Name: Ms. Hillig

Textbook: **The Practice of Statistics, 5th Edition**
Starnes, Tabor, Yates, and Moore

Objective: The purpose of the Advanced Placement course in Statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: Exploring Data: Describing patterns and departures from patterns. Sampling and Experimentation: Planning and conducting a study. Anticipating Patterns: Exploring random phenomena using probability and simulation. Statistical Inference: Estimating population parameters and testing hypotheses.

Key Goals: The key goals of this course are to provide the scope and level of academic rigor and accomplishment in a college introductory statistics course. To make sure all students are well prepared to take the AP Statistics Exam in May 2023 scoring well enough to receive college credit.

AP Exam: All Students are expected to take the AP Statistics Exam given on May 4, 2023. The fee for the exam is \$97.00 <https://apstudent.collegeboard.org/takingtheexam/exam-fees>. Students must sign up for AP Classroom. See the Join Code below and click on the link to join.

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<https://myap.collegeboard.org/>

Necessary Materials: Each student needs to bring to class pens/pencils, a 5 subject notebook **dedicated just for Math**, a folder, and a graphing calculator every day.

Homework Assignments: Homework will be assigned each night. The student's name and the assignment should be visible at the top of the page. Homework is to be done neatly. Homework will be checked each day. To be a successful student in this class it is extremely important that homework is done nightly. **Late homework will not be accepted.** If a student is absent, they can check the class web site for the assignment and submit it as soon as they return to class.

Textbook: There will be a class set of textbooks in class for student use. Students will have access to a textbook pdf file that they can use at home.

Calculation of Grade:

- 50% - Tests
- 25% - Quizzes/Projects
- 15% - Homework
- 10% - Participation/Preparedness

Testing: If a student misses an exam, it is his/her responsibility to see me regarding a time and place to schedule a make-up exam. If a student does not make up a missed test that test will receive a grade of zero. Since every student is required to have a calculator, sharing a calculator during an exam is not permitted. Similarly, students are responsible to have their calculators with them on testing days, no excuses! If a student does not have a calculator on a test day, then the student will have to take the exam without a calculator.

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Classroom Policies:

- Every student is expected to come to class on time. If you are joining through Zoom, you must be on time as well.
- Each student is expected to come to class prepared to work with the necessary materials each day.
- Every student is expected to treat fellow classmates and the teacher with respect.
- Every student will receive a progress report midway through each quarter.
- Extra Help/Office Hours will be given either through Zoom or in person. A schedule will be set up that is agreeable to both students and teacher.
- When students are at home and signing into class remotely, they are expected to have their cameras on and actively participate in class. Please make sure your microphone is always on mute. You may unmute when you need to ask a question or are called upon.

Attendance: Attendance is especially important for students to fully learn the material. In the case of an absence, it is the **student's responsibility** to obtain any missed class notes and homework from a classmate, the class web site or myself. It would be helpful if the student exchanged phone numbers with someone in class.

Classroom Web Site: I have set up a web site for the class. The web address for this web site is www.mshillig.org. It will contain homework assignments, resources, and important documents. It is updated daily.

Parent/Student Plus Portal: The Parent/Student Plus Portal will be updated on a weekly basis. I would ask that you give me a week to grade any tests or quizzes. It is extremely important that you check the Parent/Student Plus Portal on a weekly basis. If you have any concerns, they can be addressed right away. If you have any concerns regarding the system or are having trouble, please do not hesitate to ask.

Remind App: Throughout the year I will be using this app to remind students of certain things. For example: upcoming tests, quizzes, projects, extra credit, etc. Students are **required** to register for this application either by downloading the free app on their smart phone or by going to www.remind.com and click on sign up. Parents/Guardians may also register and receive the same messages I send to students. **Code: @8eg3b9**

Google Classroom: We will primarily be using Google Classroom for resources. Students need to check the stream for any communications from me. **Class Code: gwppfyu**

Contact: I will be using the student's school email account to communicate with them. I am asking for a parent email address so that I can contact you by email as well. I will send a Google Form to students and ask them to complete the form which will contain a few questions, one of which will be requesting a parent email.

To contact me during the day, call (718) 721 – 7200 and leave a message. I will return it as soon as possible. You can also e-mail me at dhillig@stjohnsprepschool.org if that is more convenient.

I look forward to working with you and your child this year. I know it will be a successful year!