

## AP Statistics

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<b>Course Objective</b>	<p>This is a year-long course that covers a one college semester course. The AP course in statistics will introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data.</p> <p>Students are exposed to four broad conceptual themes:</p> <ol style="list-style-type: none"> <li>1. Exploring Data: Describing patterns and departures from patterns</li> <li>2. Sampling and Experimentation: Planning and conducting a study</li> <li>3. Anticipating Patterns: Exploring random phenomena using probability and simulation</li> <li>4. Statistical Inference: Estimating population parameters and testing hypotheses</li> </ol>
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<b>Recommended Prerequisites or the recommended pathway</b>	<ul style="list-style-type: none"> <li>• Students should have completed IM3 semesters 1 &amp; 2 with an A</li> </ul> <p style="text-align: center;">or</p> <ul style="list-style-type: none"> <li>• Students should have completed CP Statistics semesters 1 &amp; 2 with a C or higher</li> </ul>	<b>Recommended Materials and textbooks</b>	<ul style="list-style-type: none"> <li>• 2-3 inch binder</li> <li>• 8 dividers</li> <li>• Black pens</li> <li>• Blue pens</li> <li>• Pencils</li> <li>• TI 84 Plus CE Calculator for working at home</li> </ul>
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<b>Classroom Norms</b>	<p><u><b>Start of Class</b></u></p> <ul style="list-style-type: none"> <li>• At The Bell - Be in your seat and ready to learn! That means phones turned off and secured in wall caddy, notebooks out and any questions about previous lesson ready to be asked!</li> </ul> <p><u><b>During Class</b></u></p> <ul style="list-style-type: none"> <li>• Stay focused during instruction. (Please try not ask to leave the room during direct instruction unless it is an absolute emergency.)</li> <li>• Be a respectful, productive team member during group/pair activities.</li> <li>• Ask questions. If you have a question, I guarantee you others have the same question. Your questions drive understanding of the lesson!</li> </ul> <p><u><b>End of Class</b></u></p> <ul style="list-style-type: none"> <li>• Do not pack up early.</li> <li>• Wait until your group is excused to get your phones</li> <li>• Go back and have a seat until the bell rings</li> </ul>
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<b>Grading scale/grading policy</b>	Formative Assessments (Homework/Classwork) 10% Summative Assessments (Quizzes, Tests, Projects) 65% First Semester Final 25%
<b>Makeup and late work policy</b>	Late work: <ul style="list-style-type: none"> <li>Due the Monday after the due date</li> </ul> Makeup work: <ul style="list-style-type: none"> <li>Due the Monday after the days absent have been counted upon your return.</li> </ul> Makeup assessments: <ul style="list-style-type: none"> <li>First tutorial after a single block absence</li> <li>First tutorial after the days absent have been counted upon your return</li> </ul>
<b>Retakes and corrections policy</b>	Due to the fact that this is a <b>college level course</b> there will be one retake a semester. Before retaking you will need to attend a tutorial for extra practice.
<b>Additional support</b>	<ul style="list-style-type: none"> <li>Keep a well organized binder with all your materials. This will be a great source of assistance as you struggle to master the objectives in the course.</li> <li>Attend tutorial</li> </ul>
<b>Outside requirements</b>	You can expect 90 minutes to 120 minutes of work for each block period. This will be spent summarizing your skelton notesheets, reading the textbook, and completing homework assignments which may include but are not limited to book work, homework sheets, ap classroom progress checks and projects.

<b>Academic Integrity</b> (plagiarism) - p.8 in 2022/2023 student handbook	Academic integrity is acting in an honest, moral and fair way to complete any academic tasks. Shortcut solutions like copy someone elses work, using AI, using photo math, and other forms of denying yourself the opportunity to struggle with academic tasks take away learning opportunities for a student. Neuroscientists have found that struggling through new concepts is essential for brain growth and connectivity. If we are not struggling, we are not learning. It is important to be aware that challenging work strengthen connections in the brain required for mastery. In other words, deep learning happens when learning isn't easy. Be good to yourself and your brain by struggling through the work with the tools you will be provided throughout the year. Please do not giving up and use a cruch that will not help your brain learn it.
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<b>Attendance Policy</b> ( <a href="#">Student Handbook</a> )	<b>Restroom Policy</b>	<b>Cell Phone Policy</b>
Due do the fact that this course meets only two to three days a week it is imperative that you do your very best not to miss class. If you must miss class, you should make sure to meet with the instructor during tutorial or her scheduled office hours.	You will be given three bathroom passes a semester to use on Mondays during the full day class schedule. During block periods, students can use the restroom one at a time 15 minutes after the block has begun up to 15 minutes before the block ends. Students who have been out of class for more than 5 minutes on a bathroom pass will be marked tardy	All phones will be turned silent and hung in the caddy at the back of the classroom. Headphones of any type will be put in back packs along with smart watches to avoid distraction from the rigorous curriculum.