



Glencoe High School
Class Syllabus for AP Statistics
Scott Jackson

Teacher Contact Information

Teacher Name	Scott Jackson
Teacher E-mail	jacksons@hsd.k12.or.us
Teacher Phone	503-844-1900
Teacher Website	Classroom.google.com Access code:
Office Hours and Availability	<ul style="list-style-type: none">• In general, the best way to contact a teacher is via email. Staff at Glencoe will return phone calls and emails to parents in a timely fashion.• Teachers regularly update parentvue. Be sure to have a log-in and check your student's progress frequently.• Teachers are also often willing to work with students outside of class time; however it is up to students to arrange this time with the teacher.• I am available: 8:00 - 8:25 am and 3:35 - 4:00 pm

Course Information

Subject - Course Title	Math - AP Statistics
Course Description	A.P. Statistics is an introductory course that covers the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will be exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. This course prepares students for the Advanced Placement Statistics examination in May.
Course Content	<p>Following is an outline of the major topics covered by the AP Statistics Examination. The ordering here is intended to define the scope of the course but not necessarily the sequence. The percentages in parentheses for each content area indicate the coverage for that content area in the examination.</p> <ol style="list-style-type: none">1. Exploring Data: Describing patterns and departures from patterns (20%-30%). Exploratory analysis of data makes use of graphical and numerical techniques to study patterns and departures from patterns. Emphasis should be placed on interpreting information from graphical and numerical displays and summaries.2. Sampling and Experimentation: Planning and conducting a study (10%-15%). Data must be collected according to a well-developed plan if valid information on a conjecture is to be obtained. This plan includes clarifying the question and deciding upon a method of data collection and analysis.3. Anticipating Patterns: Exploring random phenomena using probability and simulation (20%-30%). Probability is the tool used for anticipating what the distribution of data should look like under a given model.4. Statistical Inference: Estimating population parameters and testing hypotheses (30%-40%). Statistical inference guides the selection of appropriate models.

<p>AP Test Information</p>	<p>The AP program has a culminating exam for each course in May that is put together by the College Board. This is an opportunity for students to demonstrate their comprehensive learning throughout the year and possibly earn college credit based on their exam score. The cost of this exam is approximately \$75-\$100 per exam, depending on the College Board fee and various state funding each year. Financial assistance is offered to students who are registered for the F/R lunch program, and is also available for students and families with financial need. Registration for the exam is online (http://bit.ly/ghs-ap), usually opening in January and closing in March, when exams are ordered. Please be aware of these deadlines and fees to ensure your students is registered for this opportunity!</p>										
<p>Textbook/Resources</p>	<p>Stats: Modeling the World - Bock, Velleman, DeVeaux 4th edition</p> <p>A graphing calculator is required. All statistical procedures will be taught using a TI-83/84+. If you select a different model be sure to bring your manual and check the AP Statistics course guidelines to see if that calculator is approved. A cell phone does not meet this requirement.</p>										
<p>Grading Scale</p>	<table border="1" data-bbox="493 653 1362 1148"> <tr> <td>A</td> <td>90% - 100%</td> </tr> <tr> <td>B</td> <td>80% - 89%</td> </tr> <tr> <td>C</td> <td>70% - 79%</td> </tr> <tr> <td>D</td> <td>60% - 69%</td> </tr> <tr> <td>F/I</td> <td>0 - 59% Incompletes: Students may receive an incomplete grade from a teacher for various reasons. If an incomplete is given students must finalize their grade by completing any missing or make-up work within 2 weeks of the next semester starting. At this point any incomplete grade will become F.</td> </tr> </table>	A	90% - 100%	B	80% - 89%	C	70% - 79%	D	60% - 69%	F/I	0 - 59% Incompletes: Students may receive an incomplete grade from a teacher for various reasons. If an incomplete is given students must finalize their grade by completing any missing or make-up work within 2 weeks of the next semester starting. At this point any incomplete grade will become F.
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<p>Grading Policy</p>	<p>Grading Policy. Formative: 10% (Assignments, classwork and labs) Summative: 90% (Tests, Quizzes, and Projects)</p> <p>Assignment, classwork & Labs: You will be assigned practice problems most days. Not all assignments will be graded, but should be completed if you expect to be successful.</p> <p>Late Work. All late work (excluding Summative) is graded up to 50% credit. Homework will be accepted up until the day after the each unit test.</p> <p>Make-up Work and Exams. Students are allowed 1 extra class day following an absence to complete and submit school work that was assigned on the day they were absent. It is the student's responsibility to make up all work missed. If a student is absent on a test day, they will typically be required to take the test the next class day. Being absent the day before a test does not excuse you from taking the test on the scheduled day.</p> <p>Grade Remediation: There are no retakes. When appropriate, students not meeting standards will be provided an opportunity to demonstrate proficiency.</p>										