

**SYLLABUS**  
**Centennial High School**

<b>Course #:</b> 5341 & 5342	<b>Teacher Name:</b> Mrs. Literski
<b>Course Name:</b> AP Statistics 1 & 2	<b>Room Number:</b> W512 <b>Phone #:</b> 763-792 -5136
<b>Semester 1 Semester 2</b>	<b>E-Mail:</b> eliterski@isd12.org
<b>Schoology website:</b> <a href="http://www.schoology.com">www.schoology.com</a>	<b>Schoology code:</b> SWJ6C-DG7D2
<b>Prerequisite:</b> Successful Completion of Algebra 2	<b>Credit Earned:</b> .5

**Course Description:**

AP Statistics is the high school equivalent of a one semester, introductory college statistics course. Statistics is the art and science of collecting, organizing, analyzing, and drawing conclusions from data. An important objective of the course is to learn to communicate your thinking effectively and efficiently. Be ready to discuss your opinions and ideas! Students will have extensive experience in communicating statistical methods, experimental results, and interpretation of data accurately using statistical vocabulary. There will be frequent writing assignments and group discussions based on real data, statistical analyses, and research studies.

**Course Objective:**

In AP Statistics, students are expected to learn

- Demonstrate mastery of the AP Stats curriculum as determined by the College Board
- To produce convincing oral and written statistical arguments, using appropriate terminology, in a variety of applied settings
- To become critical consumers of published statistical results by heightening their awareness of ways in which statistics can be improperly used to mislead, confuse, or distort the truth
- When and how to use technology to aid them in solving statistical problems
- Essential techniques for producing data (surveys, experiments, observational studies, simulations), analyzing data (graphical & numerical summaries), modeling data (probability, random variables, sampling distributions), and drawing conclusions from data (inference procedures – confidence intervals and significance tests)

Students who successfully complete the class and score well on the AP Examination may receive credit, advanced placement, or both for a one-semester introductory college statistics course.

**Course Expectations:**

Attendance:

Class attendance is essential to a student's success in this course because each day builds on the previous days learning.

If you miss class for an unforeseen reason:

- 1) Get copies of the notes from schoology
- 2) Get materials from the teacher and schedule any make-up
- 3) Complete all make-up within 2 school days for each day absent

If you know about an upcoming absence:

- 1) Notify the teacher well ahead of time
- 2) Pick up any needed materials as soon as they're available
- 3) Arrange to get notes, handouts, tutoring, etc. from another student
- 4) Be caught up and in step with class when you return

Any unexcused absence will result in no credit for the day's work.

Homework/Assignments:

- Read each section before it is covered in class
- Have all work completed to the best of your ability before class starts
- Avoid late work
- Be responsible about homework without having it 'checked' daily. You're in a college-equivalent AP class

**Attendance:** See student handbook

**Behavior:**

This is a college-level class that moves at a fast pace.

- Be on time and ready to go when class starts
- Give your best effort
- Bring all the proper materials to class
- Be respectful of yourself, your peers, the teacher, and any guests
- Participate in class

**CELL PHONES/ELECTRONIC DEVICES**

Cell phones and other electronic devices are allowed during lunch and passing time. The school will not be responsible for damage to or theft of any electronic equipment that students choose to bring to school.

Teachers set the rules of use in their individual classrooms. In this class, there will not be an educational need to use them. Cell phones and other devices will not be allowed to be used as a calculator. They must be turned off and out of sight before entering the classroom and

remain off until you are back in the hallway.

Violation of these guidelines will result in the confiscation of the equipment by school personnel. The equipment may only be returned by a counselor and/or an administrator after a conference with the student and his/her parent. See student handbook page 22 for more specific information.

Laser pointers are not allowed in the school building because of their association with possible seizures and other health concerns  
HATS

Head coverings may not be worn or visible on campus from the start of the school day through the end of the school day (bell to bell). See student handbook page 20 for more specific information.

**Materials Needed:**

- Loose-Leaf Paper or a Notebook
- Pencil or writing utensil.
- TI 83/84 Graphing Calculator

Textbook:

- Yates, Daniel S., Moore, David S., Tabor, Josh and Starnes, Daren S. The Practice of Statistics. New York: W.H. Freeman, 5th Edition, 2014

**Misc:**

Tests/Quizzes:

- Test and Quiz questions will resemble AP Exam questions
- Students who are absent on a designated “review day” will still be required to take the test or quiz
- LEAP hour provides all students the opportunity to receive academic support, complete missing work, and complete or re-take assessments. Test Centers are available in each building and students will be expected to complete missed tests within 1 week. Math support will also be available for remediation, missed lessons, clarification. This schedule will be posted in each classroom.
- Assignments are due on the day of the chapter test if you want to receive full credit

Late Work Policy:

Assignments turned in late will be accepted for ½ credit up until 1 week after the test.

Retake Policy:

- Your homework must all be turned in and 100% completed before taking the reassessment.
- You must come in for a help session before school, during LEAP, or after school and do test corrections on the original test.
- You will have 2 weeks from the original test date to do the reassessment.

Math Department Policies:

**ADDITIONAL TIME WILL NOT BE AVAILABLE, THE TEST WILL BE COMPLETED IN ONE CLASS PERIOD. IF CAUGHT CHEATING, YOU WILL RECEIVE A ZERO FOR THAT TEST.**

Projects:

- There will be one larger summative group project after the AP Exam

Grading:

Homework/Reading Guides            30%  
Tests/Quizzes/Projects                70%

HELP-how can I increase my opportunity for success?

- Options include study groups outside school w/classmates, extra work before/after school, peer tutors, Homework Hotlines, and other math teachers. In AP Statistics, another great resource is the variety of online resources available. Our #1 shared goal is mastery of the course material on the way toward acing the AP exam, and I am willing to help out a responsible hard-working student in most any way I can. If you have suggestions to improve class, please see me! Be sure and communicate your needs and concerns.

**LEAP**

LEAP hour provides all students the opportunity to receive academic support, complete missing work, and complete or re-take assessments. Test Centers are available in each building and students will be expected to complete missed tests within 1 week. Math support will also be available for remediation, missed lessons, clarification. This schedule will be posted in each classroom.

GRADING	
A = 100 – 93	C- = 72 – 70
A- = 92 – 90 (Exemplary work – 90%-100% mastery of subject goals)	D+ = 69 – 67
B+ = 89 – 87	D = 66 – 63 (Mediocre work – 60%-69% mastery of subject goals)
B = 86 – 83 (Proficient/thorough work – 80%-89% mastery of subject goals)	D- = 62 – 60
B- = 82 – 80	NC = 59 – 0 (Unacceptable work – less than 50% mastery of subject goals)
C+ = 79 – 77	
C = 76 – 73 (Acceptable work – 70%-79% mastery of subject goals)	