

# *AP Statistics*

## *2017-2018*

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**Textbook:** The Basic Practice of Statistics : TI-83 Calculator Enhanced (\$150.00)

**Course Overview:** We will cover four conceptual themes:

- Exploring Data: Observing Patterns and departures from patterns
- Planning a Study: Deciding what and how to measure
- Anticipating Patterns: Producing models using probability and simulation
- Statistical Inference: Confirming models

Advanced Placement Statistics acquaints students with the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will frequently work on projects involving the hands-on gathering and analysis of real world data. Ideas and computations presented in this course have immediate links and connections with actual events. Computers and calculators will allow students to focus deeply on the concepts involved in statistics. This course prepares students for the Advanced Placement examination in Statistics which they will take on the afternoon of Thursday, May 17<sup>th</sup>.

**Grading:** Your grade in this class will consist of:

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|----------------|-----|
| • Tests        | 55% |
| • Quizzes/Labs | 20% |
| • Homework     | 5%  |
| • Final Exam   | 20% |

**Tests:** There will be approximately one cumulative test per chapter this semester. All work must be shown to receive full credit on each problem.

**Quizzes/Labs:** There will usually be one quiz per chapter. Labs will consist of computer labs, in-class activities and other assignments that the teacher deems appropriate.

**Homework:** Homework will be given daily. It will be checked daily and/or through unannounced homework checks and quizzes.

**Materials Needed Daily:** graphing calculator, pencil, textbook, 3-ring notebook

<b><u>Fulton County Grading Scale:</u></b>	90%-100% = A
	80%-89% = B
	70%-79% = C
	69% and below = F

**Home Access Center:** The Home Access Center allows parents to monitor their child's academic progress, attendance and discipline record over the internet. Parents must register in order to access this program. Major tests and quizzes (unless it is a pop quiz) are entered into the system in advance to help parents stay informed. Cumulative homework averages are entered periodically throughout the semester.

**Make-Up Work:** Make-up work is in accordance with the policy in the Northview Student Handbook. Following an absence, it is the student's responsibility to contact his/her teachers to arrange for make-up work.

Assignments made prior to the absence, including tests/quizzes scheduled for the day of the return, are generally due upon the student's return. If a student is absent on the day of a test or quiz, s/he will be expected to take it in on the day of return. For homework assignments, students are given the same number of days as the absence, not including the day of return, to complete the assignments.

### **Recovery Policy:**

1. Recovery is for students who, despite a conscientious effort and communication with their teachers, have failed to demonstrate satisfactory understanding of course standards. It is not for the student who has been failing for many weeks and then wishes to recover during the final days of the course. Opportunities for students to recover from a 74 or below *cumulative* average will be provided when all work required to date has been completed and the student has demonstrated a legitimate effort to meet all course requirements. *Students who have not attempted to complete all course requirements are not eligible for recovery.*
2. Students may initiate recovery on major assessments starting with the second major assessment of the semester as long as they have made a legitimate effort to meet all course requirements including attendance. Unexcused absences may prevent this opportunity.
3. So that students stay focused on the content at hand and don't become overwhelmed and fall too far behind, they must initiate recovery on a major assessment within five school days of being informed of the grade on that assessment. Recovery work must be completed within ten school days prior to the end of the semester. The nature and type of recovery assignment is given at the discretion of the teacher.

**\*Grading guidelines for recovery assignments will vary by department. It is the responsibility of the student to fully understand the grading guidelines/highest possible score for completed recovery work.\***

**Honor Code:** As explained in the student handbook, cheating is defined as “the giving or receiving, in any form, information relating to a gradable experience.” Violations of the honor code will result in a zero for the assignment, plus an honor code violation form placed in the student’s disciplinary file. Read the handbook carefully to fully understand what constitutes a violation.

**Concerning Calculator Use:** The storing and/or use of information not specifically authorized by the teacher on a calculator used on a test, quiz or other graded exercise are a violation of the Honor Code. If a student borrows a calculator from another student in a different class and the calculator has stored information related to the graded exercise, it will be considered an Honor Violation.

**Writing for Excellence:** The Language Arts Vertical Team, a committee of Fulton County Language Arts teachers, has developed guidelines to help our students achieve excellence in communication. The vertical team promotes active communication among teachers to ensure seamless instruction as students progress through grades 5-12. A main objective is effective student writing in all content areas. The following are basic writing standards: complete sentences, appropriate punctuation, capitalization, formal spelling and legibility. Clear written communication is necessary for academic and professional success; therefore, our ultimate goal is to promote writing excellence.

**Extra Help:** I am available for extra help many mornings at 8 a.m. Additional times may be available by appointment.