COURSE REQUIREMENTS, PROCEDURES AND GRADING – Advanced Placement Statistics

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Text: The Practice of Statistics, Fifth Edition, by Starnes, Yates, and Moore; W. H. Freeman and Company, 2015.

Calculators: A TI-83 plus, TI-84 or TI-89 or any other Statistics graphing calculator will be required for this class. The calculator will be used on classwork, homework, and tests. I will be presenting on the TI-84 Plus CE online and on the projector in class. I use the TI-84 Plus myself. The differences in the calculators I listed are minimal, and any differences can easily be looked up online or in the back of our textbook.

General Course Description: The purpose of this statistics course is to introduce you to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four broad conceptual themes in this course:

1. Planning a Study: Deciding what and how to measure
2. Exploring Data: Observing patterns and departures from patterns.
3. Anticipating Patterns: Producing models, using probability and simulation
4. Statistical Inference: Confirming the validity of models

Academic Honesty: You will be working in groups for classwork, projects, and graded assignments. This work is expected to be a collaborative effort and exchange of ideas and work is part of these assignments. It is expected that all students perform their own work on tests, quizzes and individual projects. Cheating on a test, quiz or project may result in a zero. Remember, most universities will send you **home** for cheating.

Tutoring Hours: I am available for extra help and for make-up work in my room, as permitted by school policy. Typically I arrive in my classroom around 7:45 a.m. If you cannot come before school due to mentoring or another valid reason, please discuss with me to try to arrange a different time. You will need to schedule a time in advance to receive a pass to enter the building before school.

Notebook Recommendation: I recommend each student keep a loose-leaf notebook that has at least 3 sections separated by dividers. Students will receive important charts, tables, worksheets, example problems, and activities. Students will also need to keep track of notes, quizzes and tests. All materials will be helpful in preparing for the Fall Final, Spring Final and the AP Exams.

Grading

Homework/Daily	34%
Tests and Quizzes	66%

Assignments: Homework is assigned daily. Homework is checked based on completion for every assignment (100 points). If every problem is attempted with sufficient work displayed, full credit will be received. Points will be lost for incomplete assignments.

If a student has been absent, then it is his or her responsibility to make up all missed work and check with me to see if any work was collected during the absence. An absence of one day does not excuse one from turning in work that was due the day of the absence.

Quizzes and Graded Assignments: Quizzes and graded assignments (group quizzes) will be given at selected times during the chapter and will resemble problems that might be encountered on the test.

Tests: There will be two or three tests each term. Each test will be half multiple choice and half free response. In addition to chapter tests, cumulative tests will be given each semester to reinforce material covered. Tests are based on 100 points.

If a student is absent the day before a test, he or she will be required to take the test with the rest of the class. If a student has been absent more than one day during the period covered by the test, it is his or her responsibility to check with me, prior to test day, to see whether or not a makeup test may be taken. You have one week in which to make up a missed test. If a chapter exam is not taken within the specified time, it will result in a zero. Everyone taking a test **after** the day of the test will be given a **late** version.

Absences: The student is responsible for making up all work missed due to extra curricular activities or field trips, as well as, absences. Students with unexcused absences will receive no reprieve from loss of points due to late homework. Students may also lose the chance to make up a quiz and may be forced to take the late version of a test.

Hints

1. Read your book. There are some good explanations and examples. The examples and practice problems we do in class are NOT out of the book so that the book will be a great resource.
2. Keep all notes, homework, quizzes, and chapter tests for reference. They will help on review problems as well chapter tests, final exams, etc. You **will** need these when reviewing for the Fall Final and the AP exam.
3. Spend sufficient time on your homework. Yes, the answers to the odd questions are in the back of the book, but a 100 on a homework assignment does you no good if you crash and burn on your test and quizzes because you have not practiced.
4. Ask questions and come in for extra help. Do NOT be shy.

Student Signature:_____ Date:_____

Parent Signature:_____ Date:_____