# Syllabus          AP Statistics          Hartley 15-16

**Text:** The Practice of Statistics (3rd Edition) Freeman Publishing; Yates, Moore, Starnes

**Materials:**
- ❖ Graphing calculator models TI-83, TI-83 plus, TI-84 plus or Silver Edition (essential on a nearly daily basis)
- ❖ 3-ring Binder for organization.   1.5" – 2"
- ❖ Bound paper or composition book for note taking.

**Classroom Policies:**
- ❖ Be on time and ready to begin class at the bell.
- ❖ Have all materials with you at the beginning of class. Trips to your locker, bathroom, etc should be done during study hall and lunch, and will only be granted in an emergency.
- ❖ Food and drink are not permitted in class (except for water or teacher sponsored activities)
- ❖ Be respectful to others in the classroom and wait to be called on to answer or ask a question. (But please – ask questions!!)
- ❖ Always use appropriate language.

**Grading Procedures:**
- ❖ Grades are based on total number of points. Grades will include tests, quizzes (announced and unannounced), online quizzes, AP problems, review problems, in class activities, and projects.
- ❖ Each quarter counts as 25% of your grade in the course.
- ❖ Progress reports will be mailed home for any student who has around or below an 80%, or any student whose grade has declined dramatically.  Students should check Pinnacle regularly for grade updates.
- ❖ Cumulative assessments will be given in the form of projects.  Non-seniors will have 4 major projects while seniors have three major projects.
- ❖ Students will be given a syllabus at the beginning of each unit, which will include topics to be covered, readings, homework problems, announced quizzes and tests.
- ❖ Review and AP problems will be collected and graded periodically. All work is to be neat, legible and complete for credit. Correctness will also be assessed.
- ❖ Online Quizzes:  All students must register on the textbook website so that they may take the online quizzes for each unit.  The online quizzes are due on test day and are worth 10 points.  Students must score and 80% or better to receive all 10 points, but may retake the only quiz as many times as needed until they reach the 80%.

**Absence from class:**
- ❖ If a student is absent from class, it is his/her responsibility to copy the class notes and obtain any handouts from the teacher.
- ❖ Check the teacher page online for updated class information.
- ❖ **Be Present!**
- ❖ Follow the syllabus for any missed assignments.
- ❖ Quizzes and tests are to be made up within 3 days in the Testing Center.  Mr. Hartley is flexible so if you have a lot to make up please speak to him and a plan can be devised.

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**Extra Help:**

- ❖ Mr. Hartley is available for extra help in the mornings and afternoons in room 119.
- ❖ Take advantage of online resources such as Khan Academy and the text book website.
- ❖ Do not wait until the day before a test to get help!

**Electronics/Graphing calculators:**

- ❖ Electronics such as cell phones, music players, tablets, etc. must be put away and turned off during class time.
- ❖ Graphing calculators are to be used as a tool during math class and will be used extensively in statistics.
- ❖ See your student handbook for policies related to electronics throughout the school.

**Units of Study:**

Unit P: Introductory Unit: What is Statistics? (Chapter P)
Unit 1: Exploring Univariate Data (Chapter 1)
Unit 2: Describing Location in a Distribution (Chapter 2)
Unit 3: Examining Relationships – Bivariate Data (Chapter 3)
Unit 4: More Relationships between Two Variables (Chapter 4)
Unit 5: Producing Data (Chapter 5)
Unit 6: Probability (Chapter 6)
Unit 7: Random Variables & Binomial and Geometric Distributions (Chapters 7 & 8)
Unit 8: Sampling Distributions (Chapter 9)
Unit 9: Estimating with Confidence (Chapter 10)
Unit 10: Testing a Claim and Significance Tests (Chapters 11 and 12)
Unit 11: Comparing Two Population Parameters (Chapter 13)
Unit 12: Inference for Distributions of Categorical Variables; Chi-Square Procedures; & Inference for Regression (Chapters 14 &15)


**Mr. Hartley's contact information:**

**Room 119**
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**Email – hartleyt@tesd.net (preferred)**