

AP STATISTICS

Teacher: Ms. Botelho, Room D-1

2008 – 2009

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Textbook: STATS Modeling the World David E. Bock; Pearson Publishing.

To be enrolled in this course, you should have completed Pre-Calculus with a “B” average and approval of instructor. This course is designed to prepare students for the Advanced Placement Statistics examination. The course will use a modern data-analysis approach to explore and display patterns in data. The course will utilize technology and real-life data. As a result of successfully completing AP Statistics, students will be able to:

- ◆ apply the principles and methods of data production, data analysis, probability models, and inference appropriately in a variety of contexts, including the AP Statistics exam.
- ◆ design and carry out a statistical study to answer a research question of interest.
- ◆ analyze and critique published statistical information.
- ◆ communicate statistical understanding using appropriate terminology, both orally and in writing.

Organization:

- ◆ Bring your textbook, notebook, and calculator to class every day. A graphing calculator is required for this course. (I use a TI-84 plus graphing calculator.) Please have a pen or pencil with you and extra paper, including graph paper.
- ◆ Homework will be collected and/or inspected regularly. You can expect to have math work of some kind to do each night.
- ◆ You must show all your working out for each assigned problem. This is very important practice for the AP Statistics exam.
- ◆ You will have a test after each chapter or sets of chapters depending on the topics we are studying. The format for tests will mirror that of the AP exam – some multiple choice questions and some free response questions. You will also be assigned Investigative Tasks or small projects at the end of different units as well.
- ◆ Daily written exercises assigned from the textbook will be collected throughout each chapter as assigned. Each assignment should be appropriately labeled and problems clearly marked.
- ◆ If you miss a lesson, it is your responsibility to find out what work you missed. Ask a classmate for any notes you missed. I will be happy to help you make up any necessary work and answer any questions you may have.
- ◆ Please see me if you need to make up any assignments due to an excused absence. You will not be allowed to make up any work or test if you have an unexcused absence.
- ◆ I am available both before and after school for extra help when it is needed. Please see me personally to arrange a convenient time for both of us.

Ms. Botelho's Schedule

I teach all of my classes in Room D – 1.

Period 1	Pre-Calculus	Period 5	Free/Duty
Period 2	Pre-Calculus (H)	Period 6	Pre-Calculus
Period 3	Free	Period 7	AP Statistics
Period 4	Pre-Calculus (H)	Period 8	Free

Quarter Grade:

Participation (this includes class assignments as well as good conduct in class)	20 %
Homework	20 %
Test	40 %
Investigative Tasks/ Projects	20 %

Semester Grade:

Quarter 1	40%	
Quarter 2	40%	
Final Exam	20%	(Your second semester final exam will be a statistical project.)

Expectations:

- Be in your seat and ready for prayer when the bell rings. Everyone is expected to lead prayer at some time.
- No food, drink, chewing gum or hats in class
- Be attentive in class and respectful to your teacher and classmates (Do not use offensive language)
- Respect this classroom and the materials in it
- Raise your hand if you would like to be recognized to speak in class
- Do not leave your desk or pack up your belongings until you have been dismissed

Consequences:

I make every effort to be fair in and out of class. I expect that you will be respectful and hard working. If this is not the case certain steps will be taken to ensure your cooperation. This could range from verbal warnings to contacting your parents to assigning after school detention. I hope that we can have a very successful year in mathematics.

More Expectations:

- Do not bring cell phones or other electronic devices to class. They could be confiscated and taken to the Dean.
- Any action that is threatening, highly disrespectful or dangerous will result in immediate dismissal from class and referral to the Dean.
- Your calculator is tool to help you succeed in this class. It is to be used only for that purpose. Your calculator could be confiscated if you are not using it in the right manner.