

## AP Statistics Course Syllabus 2015 - 2016

The AP Statistics course is designed to introduce students to statistical concepts including probability, data collection, and experimental design. The textbook is the primary source of information and practice exercises for the course. In addition to the textbook, the course will use supplemental material found in other textbooks, newspapers, journals, and the internet to practice skills learned in class.

In this course, students will:

- develop their oral and written communication skills
- interpret data and results
- develop statistical skills in the context of the real world
- use statistical techniques to make informed decisions and justify these decisions.

### *Textbook and Supplemental Resources*

#### Primary Textbook:

Bock, David E., Paul F. Velleman, & Richard D. De Veaux. *Stats: Modeling the World*. 3rd ed., Boston: Pearson Education, Inc., 2010.

\*Textbook should be brought to class daily, unless otherwise stated

#### Supplementary Textbook:

Peck, Roxy, Chris Olsen, & Jay Devore. *Introduction to Statistics and Analysis*. 4th ed., Boston: Brooks/Cole, 2012.

### *Required Materials*

- 1 ½ " binder
- Binder divider tabs
- Folder Paper
- Graph Paper

### *Grading*

Chapter Packets	30%
AVID	10%
Tests/Quizzes	60%

### *Chapter Packets*

For each chapter, students will complete a chapter packet that will contain the following:

- TYPED vocabulary and definitions (examples handwritten and/or hand-drawn).
- Examples and supplementary problems discussed in class (problems should be typed, work is handwritten)
- All assigned problems (questions typed) attempted AND corrected.
  - Corrected problems must be done in pen. Note: Points will be deducted if homework problems are not attempted prior to class.

## *Assignments*

Homework assignments will be given daily and could include, but are not limited to, chapter reading/note-taking, completing classwork, and textbook exercises. Unless otherwise stated, all assignments are due the next class period. Assignments are graded on completion.

## *Tests/Quizzes*

Quizzes will be given weekly. Students may retake any quiz up to 2 times to improve their scores. Retakes will be given afterschool or during lunch.

Online quizzes are available at the class website. These quizzes are mandatory and consist of practice AP Exam questions related to the content being taught in the class. Online quizzes are not timed and may be taken to achieve higher scores.

Tests will be given at the end of every unit. Students may not retake tests. Comprehensive exams will be given at the end of each term.

## *AVID Tutorials*

One day per week will be designated as AVID tutorials. Participation is mandatory. Students will be expected to complete the tutorial pre-work focusing on points of confusion from their courses. Although students are encouraged to focus on the AP Statistics course, they may bring other course material.

## *Tutorial Sessions*

Students are welcome to attend optional tutorial sessions. Tutorial sessions will be held daily during lunch and daily afterschool from 3:00 PM. The teacher reserves the right to cancel tutorial sessions.

The teacher may schedule “mandatory” tutorial sessions (either afterschool or on Saturdays) periodically throughout the school year. The teacher will inform the students at least one week in advance. Students are expected to attend except in cases where students have a valid excuse.

## *AP Exam and Fundraising*

All students are expected to take the AP Exam in May. In order to offset the costs associated with the AP Exam, there will be several fundraising opportunities throughout the school year. All AP students will be expected to volunteer their time to assist with fundraising efforts. More information regarding the AP Exam and fundraising will be provided as it becomes available.

## *Contact Information*

Students and parents may contact the teacher via email at [kobayashistats@gmail.com](mailto:kobayashistats@gmail.com)