



Welcome to: AP Statistics

Oakmont High School

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Bit.ly/ohsapstatswebsite

WELCOME! Statistics is one of the most useful and interesting math classes you'll ever take. It is a math class though and will require doing lots and lots of practice problems to understand how it fits together. Think of this class as a job and your instructor as a supervisor who will be evaluating you. If you miss work (class), or don't do what's assigned (homework), someone else will get the promotion (good grade). Come to every class, do every assignment, form study groups, and come see me with questions. We want you all to do as well as you possibly can in this difficult class!!

Course Description

The purpose of the AP Course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes:

1. Exploring Data: Observing patterns and departures from patterns
2. Planning a study: Deciding what and how to measure
3. Anticipation Patterns: Producing model using probability theory and simulation
4. Statistical inference: Confirming models.

Prerequisites

Successful completion of Pre-Calculus or higher with a C or better. Enrollment in Pre-Calculus during the same year is fine. Exceptions made for students to enroll with a B+ or higher in IM3 with teacher approval.

Materials Needed

- Stats-Modeling the World, by Bock, Velleman & De Veaux. Copyright 2015 by Pearson.
- Barron's AP Statistics Review book. Current edition is preferred.
- Graphing calculator (recommend TI-84 plus silver edition). Must have the stats package on the calculator.
- 3 ring binder with dividers.

Student Participation on the AP Statistics Exam on Thursday May 17th 2018

Taking the AP Exam Statistics Exam in May in an integral part of the "college experience" you will gain in this course. It is expected that everyone take the exam. Graphing calculators are **necessary** on the AP Statistics exam.

Office Hours

Please see Mrs. Stedman for specific office hours. For extra help, please form a study group with your classmates or see either teacher for assistance.

Cheating

Any student caught cheating on any assignment or test will be given a ZERO grade and WILL be referred to the Vice Principal for a parent contact as well as disciplinary action. If it is on a Quiz, the 0 grade will not be dropped.

Student Responsibilities

No one can pass this class for you. You need to:

1. Read, take, and review notes and any notes assigned pages in textbook.
2. Complete homework assignments.
3. Complete computer lab assignments, activities, and written projects as assigned.
4. Keep your work organized in a notebook with dividers to help you study.
5. Prepare and study for chapter tests, final exams and the AP exam.
6. Get help when having difficulty with a topic.
7. Don't allow work or extra-curricular activities to overload your schedule.

Behavioral Class Rules

It is the right of each student to be provided an atmosphere in which the learning process is not hampered. To assure a proper learning environment in my classroom, the following rules will be followed:

Expected Classroom Behavior

1. BE RESPECTFUL OF OTHERS AT ALL TIMES!
2. Follow directions the first time given.
3. Be **IN YOUR SEAT**, ready to work, when the bell rings (not coming in the door, Not at the pencil sharpener--**IN YOUR SEAT!**) The tardy policy follows the school rules.
4. No food, or drink (except water) in the classroom.
5. Cell phones are to be used for classroom purposes only, during appropriate class time, as directed by your instructor.
6. Be responsible for keeping your desk and surrounding area clean.
7. Do not write on desks or damage any property--including your textbook.

Additionally, students must engage in learning by listening, taking notes, questioning for clarification, participating fully in all class activities, and seeking help as necessary. AP Statistics is a demanding course. Students should expect from 45 min to 2 hours of homework per day.

Book Homework

Book homework is assigned daily and due the following day. They will be checked and graded daily. Late work is not accepted. All assignments will be posted on the OHS AP Statistics web site.

Math XL

We are using Math XL, an online computer program. Assignments for each lesson are to be completed daily. You must complete at least 90% of the assigned math XL homework with at least an 80% on each assignment in order to receive credit. The last day to complete Math XL is midnight the day before the exam. Late submissions will not be accepted.

Website

Assignments, course documents, calendars, and online resources can all be accessed at our OHS AP Statistics website. You can find it under the OHS math department website or you can also go directly there by clicking on the link: bit.ly/ohsapstatswebsite

Tests & Quizzes

There are 3-4 tests per semester. Tests can cover from 1-4 chapters. There are no test retakes. There will be quizzes given approximately twice each unit.

AP FRQs

You will have a graded FRQ the day following each test. They are graded using the 4-3-2-1 AP grading scale.

Grades

This class will have a standards based grade in the Aeries gradebook to reference for skill development.

However there will not be any letter grades until the end of each grading period.

Letter grades will be assigned at the end of each grading period based on the following rubric:

Your overall grade will have importance as follows (all percentages are approximate):

<u>Semester 1</u>		<u>Semester 2</u>	
Tests	60%	Tests	55%
Quizzes	10%	Quizzes	10%
Homework	5%	Homework	5%
Math XL	5%	Math XL	5%
AP FRQs	2%	AP FRQs	2%
Midterm	18%	Project	5%
		Final	18%

You and your parents are to fill in the accompanying form indicating they have read and understand this curriculum/behavioral plan. Parents are to sign the form. You are to turn in the signed form and keep this page in your statistics notebook.

GOOD LUCK!!! We are looking forward to a very enjoyable semester!

Student and Parent Signature

AP Statistics

I have read and understood the policies and procedures contained in this syllabus.

Print Students Name: _____ Period _____

Student Signature _____ Date _____

Parent Signature _____ Date _____

Parent Email _____

Parent Phone _____