**AP Statistics Course Syllabus**

**Spring 2017**

**Teacher: Mr. Bruce Nicol**

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| **AP EXAM** |
| **THURSDAY, MAY 11 @ 12:00 noon** |

Course Methodology

AP Statistics is the equivalent of a one-semester college survey course in statistics. The structure, pace, and depth of the material will reflect the general rigor of the university level. The text is written with an emphasis on the AP student, but the authors have written numerous college texts that are used in statistics courses nationwide.

Statistics is like no other branch of mathematics that you have studied thus far. You only need a basic familiarity with some concepts from advanced algebra to do the mathematical work we will face this year. What make statistics challenging is not in the “math,” but in the application of what we learn. Because of the application-oriented nature of statistics, we will often use an activity-based approach to the course. Traditional lecture will be supplemented by group activities (labs) that are designed to help you get a firm grasp on the concepts that we uncover.

There are four primary domains of statistics we will explore during the course of the semester. They include:

* *Exploring Data*
* *Sampling & Experimentation*
* *Anticipating Patterns (Probability)*
* *Statistical Inference*

**Expectations:**

1. Be On Time for class
2. Be a Proactive Learner
3. Be Prepared to work
4. Be Respectful
5. Be Responsible

\*\*\*DO YOUR BEST!!!\*\*\*

**Materials:**

* Paper, Pencils, Black or Blue Pens, 3-Ring Binder, TI-NSPIRE
* **Students are encouraged to obtain their own TI-NSPIRE, which can also be used throughout their college studies, but one will be provided to students if they don’t have one**

**Grading Policy:**

Classwork/Homework: 20%

Quizzes: 30%

Tests: 40%

Final Exam 10%

**Assignments (Classwork/Homework):**

Classwork will be given most days in class. You are expected to work on your classwork in class during the time given. **Expect to have homework most nights.** **Success in this course depends heavily on you completing your homework assignments on time.** A student must complete assignments for classes that he/she misses.Assignmentsmust be handed in by the day of the unit test for full credit.

**Tests & Quizzes**

Tests and quizzes will be announced and there will be about one every week. Tests will be given at the end of each unit. A review will be given for each assessment. Tests will be cumulative. Test corrections may be made for 50% credit of lost points. Missed quizzes and tests must be made up and should be done ASAP while the material is still fresh!!

**AP Exam**

Taking of the AP Stats exam is encouraged but not mandatory. Many colleges and universities will give credit for a Math course with a passing score on the exam. Parents and students should be aware that in order to be successful on the exam, considerable effort is required outside of class time to prepare for the exam

# Communication

# All assignments, test/quiz schedules and downloadable resources will be published on [nicolohs.weebly.com](http://www.schoology.com). Both students and parents are encouraged to access the blog.

**Parents are also encouraged to get access to Synergy so that they may keep up with their student’s grades**.

**Contact Information:**

Email is the most reliable and timely way to make contact with me.

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