



East Rockaway Junior Senior High School
Course Outline

Course: UHS STATISTICS
Teacher: Caputo

Grading and Homework Policy: Grades will be calculated based on the following weights:

- 55% Tests/Quizzes
- 15% Graded Assignments and Classwork
- 15% Homework
- 15% Class Participation

Basic concepts of probability and statistical inference. Included are the binominal, normal, and chi-square distributions. Practical applications are examined. Computer assignments using Minitab form an integral part of the course.

Notes & class materials will be posted to our Google Classroom. Students will be provided a printed copy of the unit notes at the beginning of the Chapter. Students will complete instruction (mini lesson) or investigation, followed by independent practice. Some lessons may be in the form of a flipped classroom where students watch a video and take notes at home, then complete independent practice in class. Collaboration with other students will be done electronically or in class by sharing statistics.

Homework

Reduction in grade for any late homework submitted; no more than 4 late homeworks accepted per quarter.

**Make-up assignments may be assigned at the teachers discretion*

Late homework must be submitted prior to the progress report and/or the end of the marking period.

All Other Graded Work

(e.g. essays, projects, lab reports, etc.)

Reduction in grade per day late;
Maximum Reduction 50%

Late work cannot be handed in after the end of the marking period.

Units of Study: Over the course of the school year, students will engage in the following units:

1. Data Collection
2. Summarizing Data in Tables and Graphs
3. Numerically Summarizing Data
4. Describing the Relation between Two Variables

- 5. Probability
- 6. Discrete Probability Distributions
- 7. The Normal Probability Distribution
- 8. Sampling Distributions
- 9. Estimating the Value of a Parameter
- 10. Hypothesis Tests Regarding a Parameter
- 11. Inference on Two Population Parameters
- 12. More Inferences

Assessment Information: Formal assessments will be given at the culmination of each unit. In addition, more frequent quizzes will be given assessing smaller, individual topics. There will be projects on occasion.

- **Midterm Exam:** Will be taken at the end of Quarter 2
- **Final Exam will be given later in the year**

Class Routines and Expectations:

Students should arrive to class on time, sit in their **assigned** seats, get any required materials out, and complete the Do Now. Students must have their work with handouts, some type of folder or binder, a writing utensil, TI-84 graphing calculator, and charged Chromebooks with them **every day**.

This is a college class run through SUNY FARMINGDALE FOR 3 credits. More information to come.

Contact Information:

Email: ccaputo@eastrockawayschools.org

Extra Help: Thursdays @ 7:20am, Fridays @ 3pm

Google Classroom codes			
Period 5 STATS			