



JACKSON-REED HIGH SCHOOL

3950 CHESAPEAKE STREET, NW - WASHINGTON, DC 20016
202-282-0120 www.wilsonhs.org
Celebrating 82 years of Excellence

Probability & Statistics: 2022-2023 SY

Ms. Maniscalco Toniann.maniscalco@k12.dc.gov 240-705-4751
Instructor: Mr. Samuel Kamara email: samuel.kamara@k12.dc.gov Phone: (240) 817-8243

Office Hours: Tuesdays, Wednesdays and Thursdays 3:30 to 4:30 p.m. and during Lunch

Math Center: Tuesdays, Wednesdays and Thursdays

Course Description (Overview):

The purpose of this Probability and Statistics course is to provide the best possible introduction to the topic. The above idea will be realized through factors that include contents that reflect the important features of modern introductory statistics course, the use of the latest technological innovations, real data sets, and much more. The Probability and Statistics course is an excellent alternative for students who do not wish to study pre-calculus.

Course Objectives:

- a) Develop vocabulary unique to beginning Statistics
- b) Learn the structure and symbols of Statistics
- c) Use Statistics as a tool to solve problems that arise in the real world
- d) Develop quantitative skills of investigation
- e) Use technology to investigate, to interpret, and to display data

Resources and Supplies:

- 3-ring binder - JUST for Math & Dividers (Warm Ups, Homework, Classwork, Notes, Quizzes & Tests)
- Calculator (a TI-84 or TI-83 graphing calculator or a TI-30XIIS or TI-30Xa scientific calculator are ideal)
- Pencils, Pens, Notebook Paper and erasers

Textbook: Elementary Statistics 9th Edition, by Mario F. Triola

Course Outline & Topics of Study

1 st Quarter	2 nd Quarter	3 rd Quarter	4 th Quarter
Descriptive Statistics	Inferential Statistics	Probability	Other Topics of Study & Projects

Grading Policy:

Our course follows the official DCPS policy for grading, which is outline and explained below:

Advisory Weights (How each advisory's final grade is calculated)		
Engagement – 10%	Practice & Application – 50%	Assessments – 40%
Examples: <ul style="list-style-type: none">• Warm Ups• Exit Tickets• Class Discussions• Group Activities	Examples: <ul style="list-style-type: none">• Homework, 10pts each• Quizzes 20pts-40pts each	Examples: <ul style="list-style-type: none">• Unit Exams broken up by standards points vary between standards. 30pts-50pts

Description of Graded portions:

- **Homework:**
 - Graded on completeness. You may receive a maximum of 86% if completed late.
- **Independent Class work (Quizzes and projects):**
 - Graded on correctness.
 - Done independently with use of notes and calculators.
 - Must be done within the allotted time during class.
 - If you have an excused absence, you will be assigned a separate assignment on a future date.

- **Tests**

- Graded on correctness.
- Done independently **without** use of notes or any outside guidance.
- Must be done within the allotted time during class.
- If you have an excused absence you will be assigned a separate assignment on a future date.

Late Work

Please make every effort to turn in assignments on time. That said, we realize that students have a myriad of responsibilities on their plates. Late work will receive a maximum grade of 86%.

Attendance

Attendance is **CRITICAL** for student success in this course – you cannot learn if you are not here! Please make every effort to be in class every day. If you are ill, please reach out to me via email so that I can send you the notes and assignments for the day and arrange to meet to get you caught up. If you are absent, it is **YOUR** responsibility to reach out for the makeup work – we will not chase you down.

Note: Things may change significantly during this course if unforeseen issues arise or in virtual instruction resumes. For this reason, I reserve the right to unilaterally change the expectations outlined in this syllabus. If a change is needed, I will notify you prior to the adjustments so concerns can be expressed and addressed in a productive and satisfactory manner.

Thank you for understanding the need for this addendum.

PARENTAL AND STUDENT ACKNOWLEDGEMENT

Parents/ guardians and student are requested to sign below as an indication that they have read the syllabus. If you have any questions, comments or concerns about the syllabus or the class, please contact me directly

Student Name

Signature

Parent/Guardian Name

Signature