

Booker T Washington High School

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Course: STA 2023- Elementary Statistics

Teacher: C. Rembert

Room: 208

School Year: Spring 2023

Grading Procedures:

Tests: 70% Quizzes/Group Work/ Participation: 15% Homework: 15%

Classroom Policies:

1. Class begins when the bell rings.
2. You are expected to have all materials with you each day. (textbook, notebook, paper, folder, and pencil)
3. Sleeping is not allowed in class.
4. You are encouraged to ask questions and take part in class discussions.
5. Talking during tests/quizzes will not be tolerated. Any talking during a test or quiz will be considered cheating.

Cell Phone Policy:

At all times cell phones shall be on vibrate or on silent upon entering the classroom. Once the cell phone is on silent, the cell phone needs to be put away in your book bag, purse, or pocket.

Course Description:

A study of fundamental statistical methods including organization, analysis and interpretation of numerical data, measures of central tendency and dispersion, statistical distributions, sampling techniques, hypothesis testing, probability, z-tests, chi-square tests, correlations, and regression equations.

Tutoring:

Tutoring will be offered every morning except for Wednesday. Tutoring is from 7:40 to 8: 20. If you need an afternoon tutoring session, please let me know so that we can make special arrangements.

Homework:

1. Homework will be assigned on a routine basis.
2. Homework will be graded on the basis of work completed.
3. All homework is due the next class meeting. Late work will not be accepted.
4. Homework is assigned a 0, 2, or 5. In order to receive a 5, all of the problems must be worked. In order to receive a 2, half or more of the problems must be worked. If less than half of the problems are worked, a 0 will be given.
5. A 5 is equivalent to a 100, a 2 is equivalent to a 50, and a 0 is equivalent to a 0.

Make-up Work:

Students that are absent will be allowed to make up all missed work. All missed work during an excused absence must be requested by the student or parent/guardian either during the absence or on the day the student returns to school. All work assigned during a student's excused absence may be submitted without penalty upon the student's return. If you were absent 1 day, you have 1 day to make up the work. If you were absent 2 days, you have 2 days to make up the work. If you need more time, please communicate that with me.

Course Learning Objectives:

STA 2023 is an introductory course that assumes no prior knowledge of statistics but does assume some knowledge of high school algebra. Basic statistical concepts and methods are presented in a manner that emphasizes understanding the principles of data collection and analysis rather than theory. Much of the course will be devoted to discussions of how statistics is commonly used in the real world. There are two major parts to this course: I Data – which includes graphical and numerical summaries to describe the distribution of a variable, or the relationship between two variables, and data production to learn how to design good surveys and experiments, collect data from samples that are representative of the whole population, and avoid common sources of biases. II Probability and Inference – using the language of probability and the properties of numerical summaries computed from a random sample, we learn to draw conclusions about the population of interest, based on our random sample, and attach a measure of reliability to them. The primary goal of the course is to help students understand how the process of posing a question, collecting data relevant to that question, analyzing data, and interpreting data can help them find answers to real problems from their world.

ADA Statement

Students with a disability that falls under the Americans with Disability Act or Section 504 of the Rehabilitation Act, it is the responsibility of the student to notify Student Resource Center for ADA Services to discuss any special needs or equipment necessary to accomplish the requirements for this course. Upon completion of registration with the Student Resource Center for ADA Services office, specific arrangements can be discussed with the instructor.

Equity Statement

Pensacola State College does not discriminate against any person on the basis of race, color, national origin, sex, disability, age, ethnicity, religion, marital status, pregnancy, sexual orientation, gender identity or genetic information in its programs, activities, and employment. For inquiries regarding the College's nondiscrimination policies, contact the Executive Director of Institutional Equity and Student Conduct, 1000 College Blvd., Building 5, Pensacola, Florida 32504, (850) 484- 1759.

Please fill out the bottom portion of this page and return it to Mrs. Rembert

I hereby agree to follow and abide by the information stated on the classroom policies and procedures form. If I do not, I understand that there may be consequences that may be imposed by your teacher for not following these procedures.

Student Name Printed

Student Name Signature

Parent Name Printed

Parent Name Signature