

Probability and Statistics
Mrs. Cope
2019-2020

Contact Information

I can be reached by phone at 412-896-2349 or by email at scope@efsd.net

Course Description

“Statistics is the science of conducting studies to collect, organize, summarize, analyze, and draw conclusions from data.” as stated in Elementary Statistics, 10th edition. The many applications of statistics can be used in almost all occupation fields. Employees need to be able to collect, organize, and summarize data in order to make reliable predictions and conclusions for business. Also the knowledge of basic statistics can help people to make intelligent decisions in regards to consumer purchases and understanding the information provided for current events. Therefore in Probability and Statistics, we will study the basic concepts of statistics and probability. These concepts will include but are not limited to descriptive statistics, data collection, basic calculations, and inference.

Course Materials

Primary Text: Elementary Statistics-A Step by Step Approach, 10th edition.

Classroom Expectations

My classroom expectations are defined by our school-wide BRAVE expectations:

Be Safe: Listen to staff, Maintain personal space

Respect Others: Be on time, Be polite, Use appropriate language and tone

Accountable: Be prepared, Be honest, Do your own work,

Victorious: Do your best work, Celebrate academic success

Enthusiastic: Have a positive attitude, Take ownership of learning

Special consideration needs to be given to the importance of Academic Integrity. I expect all my students to hold their work and learning in the highest regard. The following are the Academic Integrity expectations for this course:

- Do your own work
- Take pride in your work
- Show your work
- Ask for help if you are confused
- Help you peers to understand their work
- Do no copy or take pictures of someone’s work
- Do no discuss test questions or answers
- Do no just give answers or air drop
- Do not give up
- Do not give your completed work to someone

Any violations of BRAVE expectations or Academic Integrity expectations will be handled as defined by the EFHS student handbook.

Grades: Grades are determined by a combination of tests, quizzes, class work/homework, and projects. Each category is weighted. 50% of your marking period grade will be tests and quizzes, 50% will be class assignments, projects and participation.

Tests and Quizzes

Tests will be given at the end of every unit. The tests will be a combination of both multiple choice and open-ended questions. Quizzes will be both announced and unannounced. Quizzes are mainly open-ended questions. Content for the quizzes will mainly focus on the content being covered in class at that time.

When you are absent on the day of a test or quiz or on the day prior to the test when the class completed the review, you will be expected to make arrangements with me to make-up the test or quiz on your own time.

Classwork

In class assignments are the first step in practicing the material learned in class. If students are working efficiently in class, they should have little to no homework. Students should take advantage of the help available during class to ask questions and make sure they understand the material. All assignments/classwork will be turned in via Canvas. You will be expected to keep all hard copies in an organized notebook. On occasion, you will be requested to produce the hard copy of your work either as a single graded assignment or as a completed graded notebook. The expectation is that assignments are completed on the day they are assigned and turned in no later than the next class. The hard deadline for assignments is the day of the chapter test. Assignments for a unit will not be accepted after the unit test is given to the class.

Help Available

If you are ever feeling like you do not understand or are struggling in this course, let me know as soon as possible. We will make arrangements to get you the additional help you need. The longer you wait to get help, the harder it will be to get you up to speed.