

AP STATISTICS-Mrs. El-Wattar

. Bock, Velleman, De Veaux

Dear Parent/Guardian:

My name is Yasmina El-Wattar, and I would like to introduce myself as your son or daughter's mathematics teacher for this academic year. I hope to bring mathematics to a level of understanding that includes real life situations. I am looking forward to getting to know you and your child and seeing all the positive things the new school year has to offer.

Course Objectives

1. **Exploring Data** -Interpreting, summarizing, and comparing distributions of univariate data. Exploring bivariate data. Exploring categorical data.
2. **Planning a Study** -Data collection. Planning and conducting surveys and experiments.
3. **Anticipating Patterns** -Probability as relative frequency. Combining independent random variables. The normal distribution. Simulating sampling distribution.
4. **Statistical Inferences**-Confidence intervals. Tests of significance. Special case of normally distributed data (t distribution)

College in the High School

Students will be able to get college credit for this class through Everett Community College (MATH&146). Based on [SHB 5048](#) students are eligible to receive college credit available at **NO COST**

Program Specific outcomes

1. Interpret and manipulate mathematical language
2. Make connections between mathematical concepts and real-world problems.

Core Learning Outcomes:

1. Analytical Thinking
2. Effective Communication

AP Testing

The AP test will take place at the beginning of May. If a student gets a high enough score, then colleges will give them college credit for the class. This fee is around **\$98**, no later than Thursday, November 9th. If a student doing the college in the high school, they will not need to take the AP test or vice versa.

Rules and Expectations

- **Be Responsible:** Be prepared and on time. Have all necessary materials for class. Use your time wisely. No sleeping or eating in class. Take responsibility for your own learning. Keep track of your own work and check Family Access regularly.
- **Be Respectful:** Respect the teacher, the staff, yourself and your classmates. Consideration should be shown to others at all times. This includes not talking when I am talking, or others are asking or answering questions. **No headphones, earbuds and Cell phones during class, in addition to no smart watch during testing.**
- **Follow all Rules and Regulations set by Snohomish High School and the Snohomish School District**

Required Supplies: Notebook Paper, Pencils, Calculator, **and the school laptop including the laptop charger.**

Graphing Calculator TI-84 is recommended.

Daily Work

In math, students will be expecting to work at school and at home in order to fully understand new concepts. Class work will be assigned almost every day. Students will usually be given some time to work in class. If students use their time wisely, they should be able to get part of their assignment completed in class. Whatever is not completed in class will need to be finished at home. Assignments will be due the following day at the beginning of the class period unless otherwise stated. All work should be done neatly, in pencil, and students must show their work and/or thinking. Only work turned in on time will receive full credit. Late work is **not** accepted.

Absence/Tardy Policy

Absent students will have one more than the number of days they were absent to turn in make-up work for EXCUSED absences. Students will be allowed two tardy per semester. As per school policy, if your absence is unexcused, credit may not be earned for assignments (including tests) completed, due or assigned during the time of the unexcused absence. Excessive unexcused tardy will be dealt with on an individual basis and may include a referral to administration.

Panther Period

Panther Period will run **after 2nd period**, from 9:25 - 9:50 Monday - Thursdays. Panther Period provides students an opportunity to seek individual help from teachers, make up missed work/tests or attend extra-curricular meetings. Panther Period is designed to be self-directed. However, staff can require students to attend. I strongly encourage students to take advantage of this time to seek additional help when needed.

Test, Quizzes & Grading scale:

Students will be tested at the end of each chapter and quizzes will be given throughout. Tests will count (85%), and formative assessment such as daily assignments (15%). To earn a full mark on an assignment, the assignment must display the student's best work, be fully complete, turned in on-time, revised if necessary, and all work must be shown. (STUDENT MUST SHOW YOUR WORK. STUDENT MUST PROVE TO ME THAT STUDENT DID THE WORK.)

Percent	93 - 100	90 -92	87 - 89	83 - 86	80 - 82	77 - 79	73 -76	70 - 72	67 - 69	60 -66	Below 60%
Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	F

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Extra Help

- Ask for help when you need it. This class is designed for students' success if student is willing to put in some effort. Help is available before, after school, or during panther period.
- College Board website

There will NOT be any extra credit.