

Ms. Peterson
Room: 104
Phone: 801-256-5100

Pre-Calculus

Bingham High School 2019-2020
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Course Description

Pre-calculus is a prerequisite for AP Calculus. Students should have mastered linear and quadratic functions and should be able to confidently work with expressions containing rational exponents and radical and rational terms. Students will investigate and explore functions involving exponents, powers, polynomials, rationals and logarithms and piece-wise functions will also be explored. Also trigonometric functions and their inverses will be studied. Students will analyze situations verbally, numerically, graphically and symbolically using a variety of methods including technology and manipulatives. Effective communication skills will be developed so that students will be able to discuss, explain, and justify their thoughts and ideas. While mathematical skills will be developed, teaching will focus on building a deep understanding of concepts that will enable students to apply mathematical skills and make meaningful connections to life's experiences.

Office Hours

I am available before school Mon.-Thurs. from 7:00 a.m. to 7:25 a.m. and after school every day until 3:00 p.m. (except Monday meetings days) for students who need extra help. No appointment necessary. Please note Bingham also has after school tutoring Mon.-Thurs. from 2:30 p.m. to 3:30 p.m. and Mon.-Thurs. 6 a.m. to 7 a.m.

Class rules and consequences (both positive and negative) are posted in the classroom.

Classroom rules: Be respectful, be responsible, be prepared, always do your best.

Positive Classroom consequences: positive classroom environment, possible grade raise

Negative Classroom consequences depend on type of infraction: Student will receive a warning, then if infraction continues the following may occur: talk with teacher, write a behavior paper, schedule a conference for before or after school, or immediate referral.

This class follows the Bingham High School and Jordan School District policies regarding attendance, dress code and electronic communication devices (especially in-class cell phone usage). It is the student's responsibility to understand and follow these policies.

Grading:

Grade Scale

A 100-93%	A- 92-90%	B+ 89-87%	B 86-83%	B- 82-80%	C+ 79-77%
C 76-73%	C- 72-70%	D+ 69-67%	D 66-63%	D- 62-60%	F below 60%

Grades will be calculated as a weighted average based on the following categories:

Tests, Quizzes & Projects –approx. 70%

Tests will be given at the end of each chapter or unit. **Advanced notification for absences on test day is required.** If advanced notification is not given, the student **will not** be allowed to make up the test. A phone call, e-mail, or written message from a parent with a return number will suffice. There are **no exceptions!** Students who are absent on a test day due to a school-excused absence or vacation release need to make arrangements to take the test prior to their absence. There is no exception to this. Please do not plan on taking a few days or weeks to take it. In the case of an absence due to illness or other emergency, a make-up test will be scheduled only after proper notification (email, phone or written message) from a parent or guardian verifying the reason for the absence. The test must be taken within 3 days of returning. Quizzes will be given periodically. If you are absent the day of a quiz, you will need to make it up before or after school. Once the test has been given, there will be no make-ups.

NOTE: No retakes or test corrections will be given. Missing class on a review day does not entitle the student to take the test late.

Assignments, Starters, Notebook –25% of your final grade

Students must show complete and accurate work to receive full credit on assignments! Homework will be assigned most class periods and will be due at the beginning of the next class unless otherwise specified. Any assignments turned in after this will be considered late. Assignments that are due when a student is absent must be turned in the day he or she returns. Students will be given one extra class period to complete assignments that are assigned on the day of an absence. All assignments must be turned in before the test on that material. Late assignments will be accepted for Half Credit up until the day of the unit test. After the unit test has been given, no late work from that unit will be accepted. Homework will be on accuracy and completion.

Completing daily assignments is vitally important! The material on tests and quizzes will come from the assignments. If you know the material from your assignments you should do well on the tests. Do the assignments on the day they are assigned. This will help you to stay current and allow time to come to me and have questions answered. Note: Homework may be passed to another student to grade. **Starters** are review problems given at the beginning of class. **Notebook** – You will need to keep a notebook of all your work and notes.

Participation –5%

Employers look for and reward many behaviors and skills. These include attendance, punctuality, being prepared, on-task behavior, initiative, participation, appropriate behavior, the ability to get along with others, responsibility, etc. I look for, and reward, the same behaviors and skills. Points will be awarded for consistent positive behavior as well as for attending class each day in a punctual manner. Points may also be deducted for tardiness, disruption, and of course not participating. Students may make up lost participation points for a tardy by coming in for 15 min. before or after school.

You may want to have your own graphing calculator. (TI-83+ or TI-84+ preferred)

If you sluff you will not be allowed to make up work missed that day.

Academic Honesty: Cheating will not be tolerated. Any student who participates in cheating will receive a -1 for that work. A second instance of cheating will result in a failing grade for the quarter.

Electronic communication devices should not be used in any way in class. Each time one is used, seen or heard in class, the device will be confiscated. After the third offense, the phone will be taken to the administrator.

Special Note: I expect a great deal from each of my students. A student’s grade and progress may be monitored at any time during the year by accessing Skyward. If the internet is not available to the parents, the student may request a printout. Students may also find helpful information about this class on my web page—bhspetersonclassroom.weebly.com. At any time you are concerned, please get in touch with me immediately. (801-256-5100 or cheryl.peterson@jordandistrict.org)

Dealing with Unusual Circumstances: In the event that a student has problems beyond his/her control which are not covered by this statement, the teacher will meet with the student and, if necessary, the student’s parent/guardian, in order to come to an equitable solution. Please contact me if any concerns arise. I am available before and after school, by appointment, for extra help and consultation. I reserve the right to adjust any or all of the requirements outline above in order to meet the needs of my students.

Student Name (please print)

Student Signature

Date

Parent Signature

Date

Teacher Signature

Date